# Clause 5 Basic language elements

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_05\_TopLevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that when the IUT loads a module containing some definitions before the module declaration then the module is rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 5.1 Identifiers and keywords

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0501\_Identifier\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT handle the identifiers case sensitively. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0501\_Identifier\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that when the IUT loads a module containing anidentifier named with a keyword then the module is rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0501\_Identifier\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that cannot pass a charstring value to an integer variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 5.2 Scope rules

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0502\_Scope\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT supports all the nine scope units. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0502\_Scope\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT handle scope hieararchy of component constants. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0502\_Scope\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT handle scope hieararchy with component booleans. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0502\_Scope\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT handles scope hierarchy via functions. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0502\_Scope\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the scope of definitions made in the module part. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0502\_Scope\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles definitions of extended component scope |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0502\_Scope\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles definitions of local scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0502\_Scope\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles definitions of local scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0502\_Scope\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles definitions of local scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 5.2.1 Scope of formal parameters

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_050201\_Scope\_of\_parameters\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles scope of formal function parameters |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 5.2.2 Uniqueness of identifiers

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_050202\_Uniqueness\_013 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles the uniqueness of variable names in its scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 5.3 Ordering of language elements

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0503\_Ordering\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that allowed orderings of declarations are supported |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0503\_Ordering\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that allowed orderings of declarations are supported |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0503\_Ordering\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that declarations are in the allowed ordering |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0503\_Ordering\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that declarations are in the allowed ordering |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0503\_Ordering\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that declarations are in the allowed ordering |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 5.4 Parameterization

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0504\_forbidden\_parametrization\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects forbidden module parametrization types. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0504\_forbidden\_parametrization\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects forbidden module parametrization types. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0504\_parametrization\_incompatibility\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles received testcase parametrization type incompatibility. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 5.4.1.1 Formal parameters of kind value

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_05040101\_parameters\_of\_kind\_value\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | including various value parameter types. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 5.4.1.2 Formal parameters of kind template

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_05040102\_parameters\_of\_kind\_template\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | including template parameters. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_05040102\_parameters\_of\_kind\_template\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | including template parameters. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 5.4.1.3 Formal parameters of kind timer

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_05040103\_parameters\_of\_kind\_timer\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | including timers. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 5.4.1.4 Formal parameters of kind port

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_05040104\_parameters\_of\_kind\_port\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4.1.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT accepts port parametrization types for functions. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 5.4.2 Actual parameters

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_050402\_actual\_parameters\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT accepts allowed assignments of actual parameters. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_050402\_actual\_parameters\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.4.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT accepts nested assignment of actual parameters. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 5.5 Cyclic definitions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0505\_cyclic\_definitions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles recursive functions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0505\_cyclic\_definitions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 5.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles cyclic imports |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 6.1.0 Simple basic types and values

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060100\_SimpleBasicTypes\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign different integer values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060100\_SimpleBasicTypes\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign large integer values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060100\_SimpleBasicTypes\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign different float values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060100\_SimpleBasicTypes\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign small and large float values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060100\_SimpleBasicTypes\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Accept float mantisa for float values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060100\_SimpleBasicTypes\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Accept all verdict values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060100\_SimpleBasicTypes\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign float to integer values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060100\_SimpleBasicTypes\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign boolean to integer values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060100\_SimpleBasicTypes\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign integer to float values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060100\_SimpleBasicTypes\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign boolean to float values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060100\_SimpleBasicTypes\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign verdicttype to float values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060100\_SimpleBasicTypes\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign integer to verdicttype values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060100\_SimpleBasicTypes\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read integer values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060100\_SimpleBasicTypes\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read large integer values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060100\_SimpleBasicTypes\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read float values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060100\_SimpleBasicTypes\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read large float values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060100\_SimpleBasicTypes\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.0 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read verdicts |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 6.1.1 Basic string types and values

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060101\_TopLevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign different bitstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060101\_TopLevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign different hexstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060101\_TopLevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign different octetstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid bitstring value |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign string to bitstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign octetstring to bitstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid hexstring value |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign string to hexstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign octetstring to hexstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid hexstring value |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign string to octetstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign hexstring to octetstring values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_060101\_TopLevel\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid hexstring value |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060101\_TopLevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read bitstring |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060101\_TopLevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read hexstring |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060101\_TopLevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read octetstring |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060101\_TopLevel\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read charstring |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060101\_TopLevel\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read universal charstring |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060101\_TopLevel\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read universal charstring |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 6.1.1.1 Accessing individual string elements

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010101\_AccessStringElements\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Access bitstring elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010101\_AccessStringElements\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Access octetstring elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010101\_AccessStringElements\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Access hexstring elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010101\_AccessStringElements\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Access bitstring elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010101\_AccessStringElements\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Access hexstring elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010101\_AccessStringElements\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Access octetstring elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010101\_AccessStringElements\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Access charstring elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010101\_AccessStringElements\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Access charstring elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 6.1.2.1 Lists of values

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010201\_ListOfValues\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to restricted bitstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010201\_ListOfValues\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to restricted bitstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010201\_ListOfValues\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to restricted hexstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010201\_ListOfValues\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to restricted octetstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010201\_ListOfValues\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to restricted charstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010201\_ListOfValues\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to restricted integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010201\_ListOfValues\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to restricted float. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.1.2.2 Lists of types

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010202\_ListOfTypes\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to list of types restricted bitstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010202\_ListOfTypes\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to list of types restricted bitstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.1.2.3 Ranges

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010203\_Ranges\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to range restricted integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010203\_Ranges\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to infinity range restricted integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010203\_Ranges\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to restricted integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010203\_Ranges\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to restricted integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.1.2.4 String length restrictions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010204\_StringLenghtRestrict\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to list of types restricted bitstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010204\_StringLenghtRestrict\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to length restricted bitstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010204\_StringLenghtRestrict\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to length restricted bitstring. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.1.2.5 Pattern subtyping of character string types

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010205\_StringPattern\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to pattern restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_06010205\_StringPattern\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to pattern restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_06010205\_StringPattern\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to pattern restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.1.2.6.1 Mixing patterns, lists and ranges

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0601020601\_MixingSubtype\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to mixed restricted floats. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0601020601\_MixingSubtype\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to mixed restricted floats. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0601020601\_MixingSubtype\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to mixed restricted floats. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0601020601\_MixingSubtype\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to mixed restricted floats. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.1.2.6.2 Using length restriction with other constraints

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0601020602\_StringMixing\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to mixed restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0601020602\_StringMixing\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to mixed restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0601020602\_StringMixing\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to mixed restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0601020602\_StringMixing\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to mixed restricted bit strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0601020602\_StringMixing\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to mixed restricted hex strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0601020602\_StringMixing\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign values to mixed restricted octet strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0601020602\_StringMixing\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to mixed restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0601020602\_StringMixing\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to mixed restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0601020602\_StringMixing\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to mixed restricted character strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0601020602\_StringMixing\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to mixed restricted bit strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0601020602\_StringMixing\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to mixed restricted hex strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_0601020602\_StringMixing\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.1.2.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign invalid values to mixed restricted octet strings. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.2 Structured types and values

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0602\_TopLevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Valid recursive union type definition |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0602\_TopLevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Valid recursive record type definition |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0602\_TopLevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Valid recursive record type definition |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0602\_TopLevel\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Leave fields explicitly unspecified using the symbol -"." |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0602\_TopLevel\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Fields not mentioned are implicitly left unspecified. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0602\_TopLevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Invalid recursive union type definition causing an error |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0602\_TopLevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Invalid recursive record type definition causing an error |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0602\_TopLevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Combined value list and assignment notation not allowed in the same (immediate) context. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0602\_TopLevel\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | The omit keyword shall not be used for mandatory fields. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0602\_TopLevel\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | The omit keyword shall not be used for mandatory fields. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.2.1 Record type and values

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060201\_RecordTypeValues\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | The element identifiers are local to the record and shall be unique within the record (but do not have to be globally unique). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_060201\_RecordTypeValues\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Empty record |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 6.3.1 Type compatibility of non-structured types

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060301\_non\_structured\_types\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from compatible type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060301\_non\_structured\_types\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from compatible size restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from incompatible type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from incompatible type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from incompatible type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from incompatible type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from incompatible type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from incompatible type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from compatible size restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from compatible size restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from compatible size restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from compatible size restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from compatible size restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060301\_non\_structured\_types\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from compatible size restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.3.2 Type compatibility of structured types

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060302\_structured\_types\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060302\_structured\_types\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from structures having compatible types and lengths |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060302\_structured\_types\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060302\_structured\_types\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from structures having compatible anytypes |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_060302\_structured\_types\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from structures having compatible types and type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from incompatible types or type ranges |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060302\_structured\_types\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT rejects assignments from structures having incompatible anytypes |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 6.3.3 Type compatibility of component types

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| --- | --- |
| **Test Purpose Id** | Sem\_060303\_component\_types\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from structures having compatible components |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060303\_component\_types\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from structures having compatible components |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_060303\_component\_types\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 6.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles assignments from structures having compatible components |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 7.1.1 Arithmetic operators

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the addition of two integers in a constant is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the substraction of two integers in a constant is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the multiplication of two integers in a constant is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the division of two integers in a constant is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the modulo operator on two integers is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the remainder operator on two integers is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that operator combinations on integers is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the addition operator on float constants is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the substraction operator on float constants is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the multiplication operator on float constants is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the division operator on float constants is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_070101\_ArithmeticOperators\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a combination of operators on float constants is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the addition of two integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the addition of multiple integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the addition of two integer variables is evaluated correctly when the expression contains a negative value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the substraction of two integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the substraction of multiple integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the multiplication of two integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the multiplication of multiple integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the division of two integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the division of multiple integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the application of the modulo operator on integer variables is evaluated correctly when the remainder is zero. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the application of the modulo operator on integer variables is evaluated correctly when the integer value is smaller than the modulo value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the application of the modulo operator on integer variables is evaluated correctly when the integer value greater than the modulo value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_013 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the application of the modulo operator on integer variables is evaluated correctly when two consecutive modulo operators are applied. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_014 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the application of the modulo operator on integer variables is evaluated correctly when the operand is a negative integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_015 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the application of the remainder operator on integer variables is evaluated correctly when the operand is a negative integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_016 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the application of the remainder operator on integer variables is evaluated correctly when the operand is a negative integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_017 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the consecutive application of the remainder operator and the modulo operator on integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_018 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that operator combinations and the modulo operator on integer variables is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_019 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the addition operator works on float variables. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_020 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the substraction operator works on float variables. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_021 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the multiplication operator works on float variables. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_022 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the division operator works on float variables. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070101\_ArithmeticOperators\_023 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the combination of different operators works on float variables. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 7.1.2 List operator

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070102\_ListOperator\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the list operator on bitstrings is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070102\_ListOperator\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the list operator on charstrings is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070102\_ListOperator\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the list operator on record of is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070102\_ListOperator\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the list operator on set of is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070102\_ListOperator\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the list operator on arrays is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 7.1.3 Relational operators

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the equals operator on integers is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the equals operator on floats is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the equals operator on enumerations is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than operator on integers is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than operator on floats is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than operator on enumerations is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than or equal to operator on integers is evaluated correctly with differing values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than or equal to operator on integers is evaluated correctly with equal values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than or equal to operator on floats is evaluated correctly with differing values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than or equal to operator on floats is evaluated correctly with equal values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than or equal to operator on enumerations is evaluated correctly with differing values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than or equal to operator on enumerations is evaluated correctly with equal values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_013 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the greater than operator on integers is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_014 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than operator on floats is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_015 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than operator on enumerations is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_016 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the greater than or equal to operator on integers is evaluated correctly with differing values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_017 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the greater than or equal to operator on integers is evaluated correctly with equal values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_018 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the greater than or equal to operator on floats is evaluated correctly with differing values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_019 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the greater than or equal to operator on floats is evaluated correctly with equal values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_020 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the less than or equal to operator on enumerations is evaluated correctly with differing values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_021 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the greater than or equal to operator on enumerations is evaluated correctly with equal values. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_022 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the not equals operator on integers is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_023 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the not equals operator on floats is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070103\_RelationalOperators\_024 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the not equals operator on enumerations is evaluated correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 7.1.4 Logical operators

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070104\_LogicalOperators\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the boolean operator supports negation. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070104\_LogicalOperators\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the the and operator with true and false as operands work on boolean variables. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 7.1.5 Bitwise operators

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070105\_BitwiseOperators\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the bitwise negation operator works as expected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070105\_BitwiseOperators\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the bitwise negation operator works as expected on hexstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 7.1.6 Shift operators

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070106\_ShiftOperators\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the shift left operator works as expected on bitstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070106\_ShiftOperators\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the shift left operator works as expected on hexstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070106\_ShiftOperators\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the shift right operator works as expected on bitstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070106\_ShiftOperators\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the shift right operator works as expected on hexstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 7.1.7 Rotate operators

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070107\_RotateOperators\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the rotate left operator works as expected on bitstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070107\_RotateOperators\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the rotate left operator works as expected on hexstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070107\_RotateOperators\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the rotate right operator works as expected on bitstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_070107\_RotateOperators\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.1.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the rotate right operator works as expected on hexstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 7.2 Field references and list elements

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0702\_FieldReferencesAndListElements\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the rotate left operator works as expected on bitstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0702\_FieldReferencesAndListElements\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 7.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the rotate left operator works as expected on bitstrings. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 8.1 Definition of a module

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0801\_DefinitionOfAModule\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a plain" module definition is accepted." |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0801\_DefinitionOfAModule\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a module definition with language specification is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0801\_DefinitionOfAModule\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a module definition with multiple language specifications is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 8.2 Module definitions part

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0802\_ModuleDefinitionsPart\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a TypeDef module definition with public visibility is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0802\_ModuleDefinitionsPart\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a TypeDef module definition with private visibility is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 8.2.1 Module parameters

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_080201\_ModuleParameters\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that plain module parameters are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_080201\_ModuleParameters\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that plain module parameters with default values are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_080201\_ModuleParameters\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that plain module parameters with default values and visibility modifiers are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_080201\_ModuleParameters\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a reference to plain module parameter with a default value delivers the default value unless it is overwritten. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 8.2.2 Groups of definitions

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_080202\_GroupOfDefinitions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a definition within a group is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_080202\_GroupOfDefinitions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a definition within a nested group is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_080202\_GroupOfDefinitions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a definition within a group with public visibility modifier is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_080202\_GroupOfDefinitions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a definition within a group with public visibility modifier and attributes is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 8.2.3.1 General format of import

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_08020301\_GeneralFormatOfImport\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that import all is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_08020301\_GeneralFormatOfImport\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that import of specific types is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 8.2.3.2 Importing single definitions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020302\_ImportingSingleDefinitions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the value of an explicitly imported constant can be read and carries the same value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020302\_ImportingSingleDefinitions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the value of an explicitly imported template can be read and carries the same value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 8.2.3.3 Importing groups

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020303\_ImportingGroups\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a const defined in a group can be accessed if the group is imported. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020303\_ImportingGroups\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | but that it is in fact a shortcut notation for explicit imports. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020303\_ImportingGroups\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | but that it is in fact a shortcut notation for explicit imports. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_08020303\_ImportingGroups\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that constants listed as exceptions in imported groups are not accessible. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 8.2.3.4 Importing definitions of the same kind

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020304\_ImportingDefinitionsOfTheSameKind\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that an import of all constants allows access to a sample constant. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020304\_ImportingDefinitionsOfTheSameKind\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a previously valid const import is not removed by an import covering the same definition with an except. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020304\_ImportingDefinitionsOfTheSameKind\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a previously valid const import is not removed by a second import statement excluding the same definition. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 8.2.3.5 Importing all definitions of a module

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020305\_ImportingAllDefinitionsOfAModule\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | a constant sample is visible. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020305\_ImportingAllDefinitionsOfAModule\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | then the constant shall be visible. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_08020305\_ImportingAllDefinitionsOfAModule\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | a sample constant is not visible. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 8.2.3.6 Import definitions from other TTCN-3 editions and from non-TTCN-3 modules

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_08020306\_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that imports with language references when importing definitions of the same kinds (in this case constants) is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_08020306\_ImportingDefinitionsFromOtherT3EditionsAndFromNonT3Modules\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that imports with language references when importing all definitions of another module is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 8.2.3.7 Importing of import statements from TTCN-3 modules

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_08020307\_ImportingOfImportStatementsFromT3Modules\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the import of import statements works for import all. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_08020307\_ImportingOfImportStatementsFromT3Modules\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the import of import statements works for import all. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_08020307\_ImportingOfImportStatementsFromT3Modules\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the import of import statements works for import all. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 8.2.3.8 Compatibility of language specifications of imports

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_08020308\_ImportingOfImportStatementsFromT3Modules\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.3.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that imports referring to future TTCN-3 versions are rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 8.2.4 Definition of friend modules

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_080204\_DefinitionOfFriendModules\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that friend visibility works for a sample constant. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_080204\_DefinitionOfFriendModules\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that friend visibility works for a sample constant. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_080204\_DefinitionOfFriendModules\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that private definitions are not made visible by friend declarations (for a constant sample definition). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 8.2.5 Visibility of definitions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_080205\_VisibilityOfDefinitions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_080205\_VisibilityOfDefinitions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported by a friend module. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_080205\_VisibilityOfDefinitions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported through a group. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_080205\_VisibilityOfDefinitions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that explicitly defined public definitions (in this case a sample constant) are visible when imported through a group of a friend module. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_080205\_VisibilityOfDefinitions\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that friend definitions (in this case a sample constant) are visible when imported through a group of a friend module. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_080205\_VisibilityOfDefinitions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that private definition (in this case a sample constant) is not visible using a normal import. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_080205\_VisibilityOfDefinitions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that private definition (in this case a sample constant) is not visible using an import of a friend module. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_080205\_VisibilityOfDefinitions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that friend definition (in this case a sample constant) is not visible using a group import of a non-friend module. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_080205\_VisibilityOfDefinitions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that private definition (in this case a sample constant) is not visible using a group import of a non-friend module. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_080205\_VisibilityOfDefinitions\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that private definition (in this case a sample constant) is not visible using a group import of a friend module. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 8.3 Module control part

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0803\_ModuleControlPart\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the module control is able to accept execute statements. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0803\_ModuleControlPart\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the module control part with a few commonly used stateents is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_0803\_ModuleControlPart\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that an empty control part is accepted. |
| **Expected Output** | The test should pass if accept |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_0803\_ModuleControlPart\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that there is not more than one control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_0803\_ModuleControlPart\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 8.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the verdict returned from a test case to the control-part does not influence the execution of a second test case. The result of the last test case execution corresponds to the overall test verdict. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 10 Declaring constants

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_10\_Constants\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Create constants |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_10\_Constants\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign default constants values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_10\_Constants\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign component constants values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_10\_Constants\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Define constants in different scopes |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_10\_Constants\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read constants |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_10\_Constants\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign and read constants values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_10\_Constants\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Assign rnd to constant not allowed |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 11.1 Value variables

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1101\_ValueVars\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Define variables in different scopes |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_1101\_ValueVars\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Define variables in module scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1101\_ValueVars\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Define variables in different scopes |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1101\_ValueVars\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Define variables in different scopes |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1101\_ValueVars\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Read and write variables |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1101\_ValueVars\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Variables should be assigned only by values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 11.2 Template variables

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1102\_TemplateVars\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Define template variables in different scopes |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_1102\_TemplateVars\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Define template variables in module scope |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1102\_TemplateVars\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Define variables in different scopes |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1102\_TemplateVars\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 11.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Template variables should be assigned with unitialized variables |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 15 Declaring templates

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_15\_TopLevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a simple template with a single charstring field is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_15\_TopLevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a simple template formed from a union is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 15.1 Declaring message templates

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1501\_DeclaringMessageTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a simple record-based message template can be defined. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1501\_DeclaringMessageTemplates\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a simple record-based message template with a wildcard ? is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1501\_DeclaringMessageTemplates\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a simple record-based message template can be defined with a pattern in a charstring field. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1501\_DeclaringMessageTemplates\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a primitive type template can be defined with a ? wildcard. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1501\_DeclaringMessageTemplates\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a primitive type template can be defined with a one-of notation. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1501\_DeclaringMessageTemplates\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | check) are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 15.2 Declaring signature templates

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1502\_DeclaringSignatureTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that signature templates with explicit values are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1502\_DeclaringSignatureTemplates\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that signature templates with wildcards are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1502\_DeclaringSignatureTemplates\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the basic operations call and getcall are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1502\_DeclaringSignatureTemplates\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the raise and catch operations are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 15.3 Global and local templates

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1503\_GlobalAndLocalTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a global parameterized template is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1503\_GlobalAndLocalTemplates\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a send operation with actual parameters of a global parameterized template is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1503\_GlobalAndLocalTemplates\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a parameterized local template in a test case is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1503\_GlobalAndLocalTemplates\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a parameterized local template in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1503\_GlobalAndLocalTemplates\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a parameterized local template in a function is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1503\_GlobalAndLocalTemplates\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a parameterized local template in an altstep is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1503\_GlobalAndLocalTemplates\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a send operation with actual parameters of a global parameterized template is accepted with the actual parameter being a template parameter. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1503\_GlobalAndLocalTemplates\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a send operation with actual parameters of a global parameterized template is accepted with the actual parameter being an inline template. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1503\_GlobalAndLocalTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template values can be accessed with the dot notation as expected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1503\_GlobalAndLocalTemplates\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template actual parameter is passed through correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 15.4 In-line templates

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1504\_InlineTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that inline templates are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1504\_InlineTemplates\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that modified parameterized inline templates are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1504\_InlineTemplates\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that modified plain inline templates are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1504\_InlineTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that an inline template can be accessed as exepcted by the dot notation. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 15.5 Modified templates

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1505\_ModifiedTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that plain modified template definitions are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1505\_ModifiedTemplates\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a modified template does not omit possible parameters introduced in any modification step. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1505\_ModifiedTemplates\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the default values in formal parameters of modified templates are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1505\_ModifiedTemplates\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that dash as default parameter values are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1505\_ModifiedTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the values of plain modified template definitions are as expected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1505\_ModifiedTemplates\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a modified template of a record of type using index notation access works as expected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1505\_ModifiedTemplates\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that default values in formal parameters of modified templates are working as expected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1505\_ModifiedTemplates\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that default values in formal parameters of modified templates are working as expected when the modified template uses the dash for the default value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1505\_ModifiedTemplates\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a modified template does not refer to itself. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1505\_ModifiedTemplates\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a modified template does not omit possible parameters of the base template. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1505\_ModifiedTemplates\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a modified template does not omit possible parameters introduced in any modification step. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1505\_ModifiedTemplates\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that parameter names in modified templates are the same. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1505\_ModifiedTemplates\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the dash in default parameter values of a modified templates is only accepted when the base template actually has a default value. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 15.6.1 Referencing individual string elements

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150601\_ReferencingIndividualStringElements\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the referencing of individual string elements inside templates or template fields is forbidden. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 15.6.2 Referencing record and set fields

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_150602\_ReferencingRecordAndSetFields\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | ? shall be returned for mandatory subfields and \* shall be returned for optional subfields. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_150602\_ReferencingRecordAndSetFields\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the recurisve anyvalue expansion is performed correctly when new values are assigned. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150602\_ReferencingRecordAndSetFields\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that fields with omit values on the right-hand side of an assignment are rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150602\_ReferencingRecordAndSetFields\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that fields with \* values on the right-hand side of an assignment are rejected |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150602\_ReferencingRecordAndSetFields\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that value lists on the right-hand side of an assignment are not acceped. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150602\_ReferencingRecordAndSetFields\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that complement lists on the right-hand side of an assignment are not acceped. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150602\_ReferencingRecordAndSetFields\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that referencing a template field with the ifpresent attribute causes a rejection. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 15.6.3 Referencing record of and set of elements

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_150603\_ReferencingRecordOfAndSetElements\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that assignment of an anyvalue on the right hand side yields an anyvalue in the context of record of. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_150603\_ReferencingRecordOfAndSetElements\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that assignment to a anyvalue in the context of record of is handled correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_150603\_ReferencingRecordOfAndSetElements\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that assignment to a anyvalue in the context of record of is handled correctly in two subsequent assignments. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_150603\_ReferencingRecordOfAndSetElements\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that assignment to a anyvalue in the context of record of is handled correctly when the first element is changed. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_150603\_ReferencingRecordOfAndSetElements\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that access outside permutation fields is allowed and works as expected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that referencing an element within a value list causes an error in the context of record of. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that access to omit fields in the context of record of is rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that anyvalueornone fields in the context of record of is rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that complement value lists in the context of record of are rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that subset in the context of record of are rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that superset in the context of record of are rejected. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that access into permutation in record of templates is forbidden. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that access to record of indexes is forbidden when a previous index entry is a permutation with a \*. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_150603\_ReferencingRecordOfAndSetElements\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.6.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that access to ifpresent fields is not allowed. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 15.8 Template restrictions

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1508\_TemplateRestrictions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is accepted with value omitvalue. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1508\_TemplateRestrictions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is accepted with a concrete value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1508\_TemplateRestrictions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is accepted with a concrete value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1508\_TemplateRestrictions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(present) is accepted with a concrete value. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a value can be assigned to a template(omit) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(omit) can be assigned to a template(omit) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a templat(value) can be assigned to a template(omit) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a value can be assigned to a template(value) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(value) can be assigned to a template(value) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a value can be assigned to a template(present) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(omit) can be assigned to a template(present) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(value) can be assigned to a template(present) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(present) can be assigned to a template(present) variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a value can be assigned to a template variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(omit) can be assigned to a template variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(value) can be assigned to a template variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_013 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(present) can be assigned to a template variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_014 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template can be assigned to a template variable. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_015 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a base template can be modified without restrictions. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_016 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a base template can be modified with template(present) restriction. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_017 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a base template can be modified with template(omit) restriction. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_018 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a base template can be modified with template(value) restriction. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_019 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(present) base template can be modified with template(present) restriction. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_020 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(present) base template can be modified with template(value) restriction. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_021 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(omit) base template can be modified with template(omit) restriction. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_022 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(omit) base template can be modified with template(value) restriction. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1508\_TemplateRestrictions\_023 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a template(value) base template can be modified with template(value) restriction. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with anyvalue(?). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that ... |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with anyvalueornone(\*). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with value ranges. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with supersets. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with subsets. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with patterns. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with anyelement inside values. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with anyelemenornone inside values. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with permutation inside values. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with length restrictions. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with length restrictions. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_013 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) is rejected with length restrictions. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_014 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with anyvalue(?). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_015 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with valuelist. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_016 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with anyvalueornone(\*). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_017 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with value ranges. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_018 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with supersets. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_019 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with supersets. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_020 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with patterns. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_021 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with anyelement inside values. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_022 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with permutation inside values. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_023 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with length restrictions. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_024 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) is rejected with length restrictions. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_025 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(present) refuses omitvalue as a whole. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_026 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) refuses omit as a whole. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_027 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(present) base templates are not allowed to be modfied to template(omit). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_028 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) base templates are not allowed to be modfied to template(present). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_029 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) base templates are not allowed to be modfied to template(present). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_030 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) base templates are not allowed to be modfied to template(omit). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_031 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(value) base templates are not allowed to be modfied to template. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_032 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(omit) base templates are not allowed to be modfied to template. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_033 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that template(present) base templates are not allowed to be modfied to template. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_034 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the restrictiveness of parameters template(value)->template(present) is handled correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_035 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the restrictiveness of parameters template(value)->template(omit) is handled correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_036 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the restrictiveness of parameters template(value)->template is handled correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_037 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the restrictiveness of parameters template(omit)->template(present) is handled correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_038 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the restrictiveness of parameters template(omit)->template(present) is handled correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | NegSem\_1508\_TemplateRestrictions\_039 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.8 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the restrictiveness of parameters template(omit)->template(present) is handled correctly. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 15.9 Match operation

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| **Test Purpose Id** | Sem\_1509\_MatchOperation\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.9 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the match operation works as expected on a template with range restriction when the tested value is inside the range. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

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| --- | --- |
| **Test Purpose Id** | Sem\_1509\_MatchOperation\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.9 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the match operation works as expected on a template with range restriction when the tested value is outside the range. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1509\_MatchOperation\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.9 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the match operation works correctly on records in the positive case. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1509\_MatchOperation\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.9 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the match operation works correctly on records in the negative case. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1509\_MatchOperation\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.9 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the match operation works correctly if the types are incompatible. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1509\_MatchOperation\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.9 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the match operation refuses two templates as actual parameters. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1509\_MatchOperation\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.9 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the match operation refuses two values as actual parameters. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 15.10 Valueof operation

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1510\_ValueOfOperation\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the valueof operation works as expected for fully initialized templates. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1510\_ValueOfOperation\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | in this case omit. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1510\_ValueOfOperation\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | in this case omit. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1510\_ValueOfOperation\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | in this case a structured type. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1510\_ValueOfOperation\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.10 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | in this case a basic type integer. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 15.11 Concatenating templates of string and list types

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenation of charstring types works as expected (variant 1). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenation of charstring types works as expected (variant 2). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenation of bitstring types works as expected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenation of octetstring types works as expected (variant 1). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenation of octetstring types works as expected (variant 2). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a concatenation of charstrings with a fixed length AnyValueOrNone be matched. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenations of record of charstrings are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenations of record of charstrings work when parameterized. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenations of set of charstrings are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenation of octetstring types yields an even number of digits. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that concatenation of charstrings types yields an error if specified ranges are not fixed length. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1511\_ConcatenatingTemplatesOfStringAndListTypes\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 15.11 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that a simple concatenation of non-wildcard octetstring must not yield in a non-even number of hexadecimals. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 16.1 Functions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1601\_toplevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles function definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1601\_toplevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles function definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1601\_toplevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles function definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1601\_toplevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles function definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1601\_toplevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles function definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1601\_toplevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles function definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1601\_toplevel\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles function definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 16.1.1 Invoking functions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160101\_invoking\_functions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles function invocations |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 16.1.2 Predefined functions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160102\_predefined\_functions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160102\_predefined\_functions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160102\_predefined\_functions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160102\_predefined\_functions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160102\_predefined\_functions\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160102\_predefined\_functions\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_013 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_014 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_015 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_016 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_017 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_018 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_019 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_020 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_021 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_022 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_023 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_024 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_025 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_026 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160102\_predefined\_functions\_027 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes predefined functions and correctly evaluates them (as specified by Annex C) |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 16.1.3 External functions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160103\_external\_functions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes external functions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160103\_external\_functions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes external functions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160103\_external\_functions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes external functions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160103\_external\_functions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes external functions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 16.1.4 Invoking function from specific places

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160104\_invoking\_functions\_from\_specific\_places\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes restrictions described in section 16.1.4. STF409 assumes that the list given in section 16.1.4 describes mandatory restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160104\_invoking\_functions\_from\_specific\_places\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes restrictions described in section 16.1.4. STF409 assumes that the list given in section 16.1.4 describes mandatory restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160104\_invoking\_functions\_from\_specific\_places\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes restrictions described in section 16.1.4. STF409 assumes that the list given in section 16.1.4 describes mandatory restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160104\_invoking\_functions\_from\_specific\_places\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.1.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes restrictions described in section 16.1.4. STF409 assumes that the list given in section 16.1.4 describes mandatory restrictions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 16.2 Altsteps

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_1602\_toplevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1602\_toplevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1602\_toplevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1602\_toplevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1602\_toplevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1602\_toplevel\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1602\_toplevel\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1602\_toplevel\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 16.2.1 Invoking altsteps

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160201\_invoking\_altsteps\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_160201\_invoking\_altsteps\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_160201\_invoking\_altsteps\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT recognizes altstep definitions and correctly evaluates them |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 16.3 Test cases

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_1603\_testcases\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates invocation of testcases with system clause |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1603\_testcases\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates invocation of testcases |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1603\_testcases\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 16.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates invocation of testcases |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 19.1 Assignments

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSyn\_1901\_assignments\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates assignment statements |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1901\_assignments\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates assignment statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1901\_assignments\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates assignment statements |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1901\_assignments\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates assignment statements |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1901\_assignments\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates assignment statements |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 19.2 The if-else statement

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1902\_if\_else\_statement\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates if-else statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1902\_if\_else\_statement\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates if-else statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 19.3 The select case statement

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1903\_select\_case\_statement\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates select-case statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1903\_select\_case\_statement\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates select-case statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1903\_select\_case\_statement\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates select-case statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1903\_select\_case\_statement\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates select-case statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 19.4 The for statement

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1904\_for\_statement\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates for statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_1904\_for\_statement\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates for statements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_1904\_for\_statement\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 19.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT properly evaluates for statements |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 20 Statement and operations for alternative behaviours

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_20\_TopLevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that alt-statements are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_20\_TopLevel\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that repeat in an alt-statement is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_20\_TopLevel\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the interleave-statement is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_20\_TopLevel\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that defaults and the activate statement is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_20\_TopLevel\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that defaults and the activate statement is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 20.2 The alt statement

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the alt-statement works as expected (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the alt-statement with a guard works as expected (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the alt-statement processes the alternatives in order (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that activated defaults are processed in the reverse order (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the else branch is executed when nothing else matched (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that an altstep invocation works as expected (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that an altstep invocation works as expected and that the optional statement block is executed after the altstep staatement block (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the done-block in an alt-statement is triggered as expected (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the killed-block in an alt-statement is triggered as expected when the component is killed (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the timeout branch is taken as expected (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2002\_TheAltStatement\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 20.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the behavior continues after the alt-statement (loopback case). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause 26 Module control

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that assignments in the control part are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that if-else constructs in the control part are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that select-case constructs in the control part are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that for loop constructs in the control part are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that while loop constructs in the control part are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that label and goto constructs in the control part are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the stop construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the break construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the continue construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the continue construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the alt/timeout construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the repeat construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_013 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the interleave construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_014 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that activate/deactivate/default constructs in the control part are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_015 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that start/stop/read/running timer constructs in the control part are accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_016 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the action construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Syn\_26\_ModuleControl\_017 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the execute construct in the control part is accepted. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool without beeing executed. |
| **Notes** |  |

# Clause 26.1 The execute statement

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2601\_ExecuteStatement\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that parameters are passed correctly into the test case. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2601\_ExecuteStatement\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that multiple parameters of different types are passed correctly into the test case. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2601\_ExecuteStatement\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the timeout specified with the execute statement is respected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict error. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2601\_ExecuteStatement\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | none). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict fail. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2601\_ExecuteStatement\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | pass). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict fail. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2601\_ExecuteStatement\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | inconc). |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict fail. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2601\_ExecuteStatement\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the timeout specified with the execute statement is respected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict error. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2601\_ExecuteStatement\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that non-float timeout parameters in the execute statement are rejected (in this case int). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2601\_ExecuteStatement\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that non-float timeout parameters in the execute statement are rejected (in this case charstring). |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause 26.2 The control part

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2602\_TheControlPart\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the selection/deselection of test cases using boolean conditions works as expected. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2602\_TheControlPart\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the execution of test cases works from within a function. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_2602\_TheControlPart\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the selection of test cases can be achieven based on resulting verdict types. |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict fail. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that setverdict statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the create statement is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the create alive statement is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the start statement is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the stop statement is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the kill statement is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the alive operation is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the running operation is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the done operation is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the killed operation is not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the connect statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_012 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the disconnect statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_013 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the map statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_014 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the unmap statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_015 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the send statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_016 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the receive statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_017 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the call statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_018 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the reply statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_019 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the raise statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_020 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the trigger statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_021 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the getcall statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_022 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the getreply statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_023 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the catch statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_024 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the check statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_025 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the clear statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_026 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the start statements on ports are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_027 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the stop statements on ports are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_028 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the halt statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_029 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that alternative behaviours are only used to control timer behavior in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_030 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that getverdict statements are not allowed in the control part. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_2602\_TheControlPart\_031 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause 26.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that execute statements are not executed from test cases. |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.1 Matching specific values

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_010 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0101\_matching\_specific\_value\_011 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of specific values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.1.1 null

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010101\_omitting\_values\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of omitted values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010101\_omitting\_values\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of omitted values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010101\_omitting\_values\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.1.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of omitted values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.2.1 Value list

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010201\_value\_list\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of listed multiple values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.2.2 Complemented value list

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010202\_complemented\_value\_list\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of complemented value listing |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010202\_complemented\_value\_list\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of complemented value listing |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010202\_complemented\_value\_list\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of complemented value listing |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010202\_complemented\_value\_list\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of complemented value listing |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010202\_complemented\_value\_list\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of complemented value listing |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010202\_complemented\_value\_list\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of complemented value listing |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.2.3 Any value

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010203\_any\_value\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010203\_any\_value\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.2.4 Any value or none

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010204\_any\_value\_or\_none\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of \* values |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010204\_any\_value\_or\_none\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of \* values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010204\_any\_value\_or\_none\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of \* values |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.2.5 Value range

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010205\_value\_range\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010205\_value\_range\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010205\_value\_range\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010205\_value\_range\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010205\_value\_range\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010205\_value\_range\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010205\_value\_range\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010205\_value\_range\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010205\_value\_range\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value range definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.2.6 SuperSet

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010206\_superset\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010206\_superset\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010206\_superset\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010206\_superset\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010206\_superset\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.6 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.2.7 SubSet

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010207\_subset\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010207\_subset\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010207\_subset\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010207\_subset\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010207\_subset\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.2.7 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of superset definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.3.1 Any element

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010301\_any\_element\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010301\_any\_element\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010301\_any\_element\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010301\_any\_element\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010301\_any\_element\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010301\_any\_element\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010301\_any\_element\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010301\_any\_element\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.3.2 Any number of elements of no element

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010302\_any\_number\_of\_elements\_or\_none\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of \* symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010302\_any\_number\_of\_elements\_or\_none\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of \* symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010302\_any\_number\_of\_elements\_or\_none\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of \* symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.3.3 Permutation

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010303\_permutation\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010303\_permutation\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010303\_permutation\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010303\_permutation\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010303\_permutation\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010303\_permutation\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.3.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ? symbols in value elements |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.4.1 Length restrictions

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010401\_length\_restrictions\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value length definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010401\_length\_restrictions\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value length definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010401\_length\_restrictions\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value length definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010401\_length\_restrictions\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value length definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010401\_length\_restrictions\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value length definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010401\_length\_restrictions\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of value length definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.4.2 The ifpresent indicator

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010402\_ifPresent\_indicator\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ifpresent indicators |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010402\_ifPresent\_indicator\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ifpresent indicators |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010402\_ifPresent\_indicator\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.4.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of ifpresent indicators |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.5 Matching character pattern

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B0105\_toplevel\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern definitions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.5.1 Set expression

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010501\_set\_expression\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern set expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010501\_set\_expression\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern set expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010501\_set\_expression\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern set expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010501\_set\_expression\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern set expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010501\_set\_expression\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern set expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010501\_set\_expression\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.1 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern set expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.5.2 Reference expression

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_007 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_008 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010502\_reference\_expression\_009 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.2 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference expressions |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.5.3 Match expression n times

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010503\_match\_n\_times\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern expression multiplicity |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010503\_match\_n\_times\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern expression multiplicity |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010503\_match\_n\_times\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern expression multiplicity |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010503\_match\_n\_times\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern expression multiplicity |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010503\_match\_n\_times\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.3 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern expression multiplicity |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

# Clause B.1.5.4 Match a referenced character set

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010504\_match\_referenced\_characters\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference characters |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010504\_match\_referenced\_characters\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference characters |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010504\_match\_referenced\_characters\_003 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference characters |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010504\_match\_referenced\_characters\_004 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference characters |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010504\_match\_referenced\_characters\_005 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference characters |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010504\_match\_referenced\_characters\_006 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference characters |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | NegSem\_B010504\_match\_referenced\_characters\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.4 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles template matching of character pattern reference characters |
| **Expected Output** | The test should pass if the TTCN-3 module was rejected either by the validator or after beeing executed. |
| **Notes** |  |

# Clause B.1.5.5 Type compatibility rules for patterns

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010505\_pattern\_compatibility\_001 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles character pattern compatibility rules of template matching |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |

|  |  |
| --- | --- |
| **Test Purpose Id** | Sem\_B010505\_pattern\_compatibility\_002 |
| **Reference** | Part 1: TTCN-3 Core Language - ETSI ES 201 873-1 V4.2.1 (2010-07), Clause B.1.5.5 |
| **ICS** | None |
| **Dependencies** | None |
| **Summary** | Ensure that the IUT correctly handles character pattern compatibility rules of template matching |
| **Expected Output** | The test should pass if the TTCN-3 module was accepted by the tool after beeing executed. All testcases have to produce the verdict pass. |
| **Notes** |  |