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| Details fr | om ETSI ES 20 | 1 8/3-1 V3.2.1 |
| | Table 15: Overview of TTCN-3 configu | ration operations |
| Operation | Explanation | Syntax Examples |
| Connection Operations | | |
| connect | Connects the port of one test component to the port of another test component | <pre>connect(ptcl:pl, ptc2:p2);</pre> |
| disconnect | Disconnects two or more connected ports | disconnect(ptc1:p1, ptc2:p2); |
| map | Maps the port of one test component to the port of the test system interface | <pre>map(ptc1:q, system:sutPort1);</pre> |
| unmap | Unmaps two or more mapped ports | unmap(ptcl:q, system:sutPort1); |
| Test Component Operation | 15 | |
| create | Creation of a normal or alive test component, the distinction between normal and alive test components is made during creation (MTC behaves as a normal test component) | Non-alive test components: var PTCType c := PTCType.create; Alive test components: var PTCType c := PTCType.create alive |
| start | Starting test behaviour on a test component, starting a behaviour does not affect the status of component variables, timers or ports | c.start(PTCBehaviour()); |
| stop | Stopping test behaviour on a test component | c.stop; |
| kill | Causes a test component to cease to exist | c.kill; |
| alive | Returns true if the test component has been created and is ready to execute or is executing already a behaviour; otherwise returns false | if (c.alive) |
| running | Returns true as long as the test component is executing a behaviour; otherwise returns false | if (c.running) |

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| Operation Explanation Syntax Examples done a test component has terminated | | | | |
| Operation Explanation Syntax Examples done a test component has terminated | Dotails | from FTSI FS | 201 873-1 v3 2 | 1 |
| done Checks whether the function running on c.dome; a test component has terminated c.k11led { _ } ceased to exist c.k11led { _ } Reference Operations Gets the reference to the MTC mtc Gets the reference to the MTC system Gets the reference to the test system interface Gets the reference to the test system self Gets the reference to the test component that executes this operation estf.stop; | Details | | 201 075 1 45.2 | |
| done Checks whether the function running on c.dome; a test component has terminated c.k11led { _ } ceased to exist c.k11led { _ } Reference Operations Gets the reference to the MTC mtc Gets the reference to the MTC system Gets the reference to the test system interface Gets the reference to the test system self Gets the reference to the test component that executes this operation estf.stop; | | | | |
| done Checks whether the function running on c.dome; a test component has terminated c.k11led { _ } ceased to exist c.k11led { _ } Reference Operations Gets the reference to the MTC mtc Gets the reference to the MTC system Gets the reference to the test system interface Gets the reference to the test system self Gets the reference to the test component that executes this operation estf.stop; | | | | |
| a test component has terminated c.killed killed Checks whether a test component has c.killed { } Reference Operations ceased to exist connect (atc:p, ptc:p); mtc Gets the reference to the MTC connect (atc:p, ptc:p); system Gets the reference to the test system interface self Gets the reference to the test component that executes this operation | Operation | Explanation | Syntax Examples | |
| killed Checks whether a test component has c.killed {} Reference Operations ceased to exist mtc Gets the reference to the MTC ceamet(mtc:p, ptc:p); system Gets the reference to the test system map(c:p, system:entPort); interface Gets the reference to the test system map(c:p, system:entPort); self Gets the reference to the test component that executes this operation self.stop; | done | Checks whether the function running on | c.done; | |
| ceased to exist connect (atc:p, ptc:p); mitc Gets the reference to the MTC connect (atc:p, ptc:p); system Gets the reference to the test system map(c:p, system:atlPort); self Gets the reference to the test component that executes this operation | | | | |
| Reference Operations commet(matc:p, ptc:p); mitc Gets the reference to the test system map(c:p, gystem:sutPort); self Gets the reference to the test component that executes this operation self.stop; | killed | | c.killed { } | |
| mtc Gets the reference to the MTC commext (mtc · p., ptc · p); system Gets the reference to the test system map(c · p., system.sutPort); self Gets the reference to the test; self.stop; component that executes this operation self.stop; | Reference Operations | ceased to exist | | |
| System Gets the reference to the test system map(c;p, system.sutPort); self Gets the reference to the test component that executes this operation self.stop; | | Gets the reference to the MTC | connect(mtc:p, ptc:p); | |
| Self Gets the reference to the test component that executes this operation | | Gets the reference to the test system | <pre>map(c:p, system:sutPort);</pre> | |
| component that executes this operation | colf | | self.stop: | _ |
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