

UML Testing Profile 2

Revised Submission (ad/17-05-01)

Errata (ad/2017-06-01)

1. **Remove on all pages the footer line**
under review
2. **Remove on all pages the header line**
UML Testing Profile 2 (UTP 2)
3. **Replace on page 1**
OMG Document: ad/2016-10-01
with
OMG Document: ad/2017-05-01
4. **Add on page 2 (official cover page)**
IPR mode: non-assert
5. **Replace on page 2 (official cover page)**
OMG Document Number: ad/2016-10-01
with
OMG Document Number: ad/2017-05-01
6. **Replace on page 2 (official cover page)**
 - ad/2016-10-02 <http://www.omg.org/spec/UTP/20161101/utp.xmi>
 - ad/2016-10-03 <http://www.omg.org/spec/UTP/20161101/utptypes.xmi>
 - ad/2016-10-04 <http://www.omg.org/spec/UTP/20161101/utpauxiliary.xmi>**with**
 - ad/2017-05-02 <http://www.omg.org/spec/UTP/20170501/utp.xmi>
 - ad/2017-05-03 <http://www.omg.org/spec/UTP/20170501/utptypes.xmi>
 - ad/2017-05-04 <http://www.omg.org/spec/UTP/20170501/utpauxiliary.xmi>
7. **Replace on page 2 (official cover page)**
Inventory file: ad/2016-10-05
with
Inventory file: ad/2017-06-02
8. **Remove page 3 completely**
9. **Replace normative reference to MOF specification in section 3.1 on page 35 with**
Object Management Group: "Meta Object Facility™ (MOF™) Version 2.5.1", November 2016, formal/2016-11-01, <http://www.omg.org/spec/MOF/2.5.1/>
10. **Replace normative reference to OCL specification in section 3.1 on page 35 with**
Object Management Group: "Object Constraint Language™ (OCL™) – Version 2.4", February 2014, formal/2014-02-03, <http://www.omg.org/spec/OCL/2.4/>
11. **Replace normative reference to UML specification in section 3.1 on page 35 with**
Object Management Group: "OMG Unified Modeling Language™ (UML®) - Version 2.5", March 2015, formal/2015-03-01, <http://www.omg.org/spec/UML/2.5/>

12. **Replace informative reference to DD specification in section 3.2 on page 35 with**
Object Management Group: "Diagram Definition™ Version 1.1", June 2015, formal/2015-06-01,
<http://www.omg.org/spec/DD/1.1/>
13. **Replace informative reference to FUML specification in section 3.2 on page 35 with**
Object Management Group: "Semantics Of A Foundational Subset For Executable UML Models (fUML™) Version 1.2.1", January 2016, formal/2016-01-05,
<http://www.omg.org/spec/FUML/1.2.1/>
14. **Replace informative reference to ISO29119 in section 3.2 on page 36 with**
ISO/IEC/IEEE 29119 Software Testing – The International Software Testing Standard,
<http://www.softwaretestingstandard.org/>
15. **Replace informative reference to ISTQB in section 3.2 on page 36 with**
ISTQB: International Software Testing Qualifications Board, <http://www.istqb.org>
16. **Remove informative reference to [MDAc] in section 3.2 on page 36 and cross-reference in section 13 Index on page 330**
17. **Replace informative reference to OSLC in section 3.2 on page 36 with**
Open Services for Lifecycle Collaboration (OSLC): "Open Services for Lifecycle Collaboration Quality Management Specification Version 2.0", <https://open-services.net/bin/view/Main/QmSpecificationV2>
18. **Remove informative reference to [WN] in section 3.2 on page 37 and cross-reference in section 13 Index on page 330**
19. **Replace informative reference to [WikiCT] in section 3.2 on page 36 with**
Wikipedia: Category Theory, https://en.wikipedia.org/wiki/Category_theory
20. **Replace informative reference to [WikiM] in section 3.2 on page 36 with**
Wikipedia: Morphism, <https://en.wikipedia.org/wiki/Morphism>
21. **Remove on page 31 the document progress and version table completely**
22. **Align on page 34 the tab stops for bullet point**
 - Section 9.1 UTP Types Library**with the other bullet points in that list**
23. **Replace on page 29 the first sentence of first paragraph after Figure 1**
As the interest in Model-based testing approaches and languages of the industry increases, UTP started to attract more and more users.
with
As the interest in Model-based testing approaches and languages of the industry increased, UTP started to attract more and more users.
24. **Replace first sentence of section 8.5.2.3.7 Parallel, subsection Description**
Parallel: <Error: Could not resolve item>
with
Parallel: A compound procedural element that executes its contained procedural elements in parallel to each other.
25. **Replace first sentence of section 8.5.2.3.1 Alternative, subsection Description**
Alternative: <Error: Could not resolve item>

with

Alternative: A compound procedural element that executes only a subset of its contained procedural elements based on the evaluation of a boolean expression.

26. Replace the explanation of term “procedure invocation” in section 4 Terms and Definitions

An atomic procedural element of a procedure that invokes another procedure and wait for its completion.

with

An atomic procedural element of a procedure that invokes another procedure and waits for its completion.

27. Replace the explanation of term “test configuration” in section 4 Terms and Definitions

A specification of the test item and test components, their interconnection as well as their configuration data.

with

A specification of the test item and test components as well as their interconnection and configuration data.

28. Replace the explanation of term “test design directive” in section 4 Terms and Definitions

A set of information that is prescriptive for testing activities that are organized and managed together for deriving or selecting test objectives, test design techniques, test design inputs and eventually test cases.

with

A set of information that is prescriptive for testing activities which can be organized and managed together for deriving or selecting test objectives, test design techniques, test design inputs and eventually test cases.

29. Replace last part of last sentence of the explanation of term “test log structure” in section 4 Terms and Definitions

... the finally calculated verdict and the executing entity of a test case or test set execution should be logged.

with

... the finally calculated verdict and the executing entity of a test case or test set execution which should be logged.

30. Remove empty space area after OCL representation of constraint “Type of forbidden elements” on page 196.

31. Remove all occurrences of /* and */ (document generator relicts) from all natural language constraint descriptions in section 8, subsection Constraints for the following stereotype descriptions

- Test Context, page 106
- Test Objective, page 108 and 109
- Test Requirement, page 111 and 112
- Test Set, page 114
- State Transition Technique, page 132

- Test Component, page 143
- Test Component Configuration, page 144
- Test Configuration, page 147
- Test Configuration Role, page 148
- Test Item, page 148
- Test Item Configuration, page 149
- Test Procedure, page 153 and 154
- Test Case, page 158 – 160
- Test Execution Schedule, page 163
- Alternative, page 167
- Loop, page 171
- Negative, page 172
- Opaque Procedural Element, page 173
- Parallel, page 174
- Procedural Element, page 176
- Procedure Invocation, page 180
- Sequence, page 181
- Check Property Action, page 186 and 187
- Create Stimulus Action, page 191 and 192
- Expect Response Action, page 195 and 196
- Suggest Verdict Action, page 198
- Data Specification, page 202
- Morphing, page 204 and 205
- Override, page 210
- Arbitration Specification, page 216
- Test Log, page 228
- Test Log Structure, page 229
- Test Log Structure Binding, page 231 and 232
- Matching Collection Expression, page 327
- Range Value, page 329