Abstract

Requirements Management (RM) has been established to ensure seamless specifications along the product creation process. To manage complex specification processes and requirements dependencies companies introduced requirements management systems. The generic „Requirement Interchange Format (RIF)” was created to enable the exchange of information across different requirements management systems.

In summer 2008 the prostep ivip association initiated the project group IntRIF to increase the acceptance and application of RIF by transferring the recommendation into an international standard. With the successful standardization in April 2011 OMG ReqIF 1.0.1 has been published as the official successor of RIF.

Two project groups are currently working on the enhancement of the format and its application. In 2011 the ReqIF Implementor Forum was established for realizing a strong technological basis. In 2016 the community of user representatives then consequently made the next step: Specifying relevant use cases for ReqIF application in industry.

To evaluate the feasibility of requirement data exchange with ReqIF, benchmarks are conducted, the very first in 2018. The benchmarks were well received by the users and implementers, as they provided valuable information for the usage and further development of requirement management tools. In this fourth benchmark, the tested scenario is a customer/supplier data exchange with comments on supplier and updates on customer side. With 6 participating software providers, there were a total of 9 participating RM-systems and connectors that were tested in 72 different tool combinations. The benchmark was run at prostep ivip site with support of the participating software providers. The criteria and test data were defined by the ReqIF Workflow Forum.
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Contents

Table of Contents

1 Introduction.................................................................................................................. 1
2 Approach ....................................................................................................................... 1
  2.1 Four Steps ................................................................................................................. 1
2.2 Scenario: Data Exchange with Changes and Linked Artefacts (PING-PONG-PING) .......... 3
2.3 Participants ............................................................................................................... 4
2.4 Reference File .......................................................................................................... 7
2.5 Test Criteria ............................................................................................................. 11
2.6 Testing ..................................................................................................................... 13
2.7 Documentation ........................................................................................................ 14
3 Results ....................................................................................................................... 14
  3.1 Overview ................................................................................................................. 14
    3.1.1 Setup ............................................................................................................... 14
3.1.2 Overview Ping 1 .................................................................................................. 15
3.1.3 Overview Pong .................................................................................................... 21
3.1.4 Overview Ping 2 .................................................................................................. 26
4 Summary and Outlook .............................................................................................. 34
5 Acknowledgements .................................................................................................... 34

Figures

Figure 1: Process and Actors ........................................................................................ 2
Figure 2: Ping-Pong-Ping Scenario .............................................................................. 3
Figure 3: Ping-Pong-Ping Scenario step by step ............................................................ 4
Figure 4: Formatted text in reference file ..................................................................... 7
Figure 5: Links between modules A and B ................................................................. 7
Figure 6: Links between modules B and C ................................................................. 8
Figure 7: Links between modules A and B before Ping 2 ............................................ 8
Figure 8: Document files embedded in ReqlF module .............................................. 9
Figure 9: Image files embedded in ReqlF module .................................................... 9
Figure 10: Adding and removing requirements .......................................................... 10
Figure 11: Changes of requirement’s text, attributes and type definition .................. 10
Figure 12: Changes in document structure ............................................................... 10
Figure 13: Results for completeness of reference import .......................................... 14

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Figure 14: Results for validity of first export to ReqIF ..............................................................15
Figure 15: Results for completeness of first import to supplier RM-system .........................................16
Figure 16: Results for exchange of font styles ....................................................................................16
Figure 17: Results for exchange of simple indentations .......................................................................17
Figure 18: Results for exchange of simple numbered lists ....................................................................17
Figure 19: Results for exchange of simple bullet points ........................................................................18
Figure 20: Results for exchange of simple tables ..................................................................................18
Figure 21: Results for exchange of embedded document files (excl. Visio) ............................................19
Figure 22: Results for exchange of Visio files ......................................................................................19
Figure 23: Results for exchange of embedded image files (excl. png) ....................................................20
Figure 24: Results for exchange of png files .........................................................................................20
Figure 25: Results for exchange of requirement links ..........................................................................21
Figure 26: Results for validity of supplier export to ReqIF ...................................................................22
Figure 27: Results for changes indicated on import to customer RM-system ..........................................22
Figure 28: Results for changes in supplier status ..................................................................................23
Figure 29: Results for changes in supplier comment ............................................................................23
Figure 30: Results for image attached in supplier comment ....................................................................24
Figure 31: Results for capability to import selected attributes to customer RM-system .........................24
Figure 32: Results for capability to export selected attributes from supplier RM-system ......................25
Figure 33: Results for no further changes after re-import to customer RM-system .................................25
Figure 34: Results for validity of second export to ReqIF ....................................................................26
Figure 35: Results for change of requirement text .................................................................................27
Figure 36: Results for change of attribute values ..................................................................................27
Figure 37: Results for change of attribute values to empty values ........................................................28
Figure 38: Results for change of enumeration definition of attribute type .............................................28
Figure 39: Results for exchange of added requirement .........................................................................29
Figure 40: Results for exchange of missing requirement .......................................................................29
Figure 41: Results for exchange of changed document structure ..........................................................30
Figure 42: Results for exchange of updated links ..................................................................................30
Figure 43: Results for changes indicated on import to supplier RM-system ...........................................31
Figure 44: Results for no further changes after re-import to supplier RM-system .................................31
Figure 45: Results for changes in customer status ................................................................................32
Figure 46: Results for changes in customer comment ...........................................................................32
Figure 47: Results for exchange of simple numbered lists (Ping 2) ........................................................33
Figure 48: Results for exchange of simple tables (Ping 2) ....................................................................33
Tables

Table 1: Tested software ................................................................. 4
Table 2: Test case matrix ............................................................... 6
Table 3: Test Criteria ................................................................. 11