

# **ReqIF Implementation Guide**

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## **Abstract**

This specification is an additional, informal document concerning the OMG ReqIF1.2 standard.

It answers implementation specific questions that have intentionally been left out of the OMG ReqIF standard because they do not directly concern the exchange format but may be relevant for tool implementations.

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## Document History

Version	Date (dd.mm.yyyy)	Author	Change
0.1	19 July 2010	MP	Initial document
0.2	02 August 2010	BM	Added abstract and reworked descriptions
0.3	04 August 2010	MP	Review
0.4	04 August 2010	BM	Added MP's changes in document
0.5	09 August 2010	BM	Add chapter about access policies
0.6	30 August 2010	BM	Adapted after workshop
0.7	17 September 2010	BM	Added chapter about merging
0.8	18 November 2010	BM	Inserted mapping table
1.1	8 March 2013	BM	Added additional conventions + Annex
1.2	8 March 2013	AS	Formatting
1.3	10 June 2013	BM	Incorporated changes since March 2013 review
1.4	20 June 2013	BM	Release version for ReqIF 1.1 OMG specification
1.4.1	11 December 2013	BM	Added resolution to JIRA issues REQIF-54 and REQIF-56
1.4.2	12 December 2013	BM	Added correction by Tim Hards (IBM)
1.4.3	17 November 2014	BM	Adapted chapter "2.6.3 Rules" to include a recommendation on how to deal with OLE objects (changed rule 3 and 6, added rule 8). Added chapter 2.6 for formatting conventions.
1.4.4	01 December 2016	BM	Adapted to ReqIF1.2 (see Annex). Fixed "Links to ReqIF1.2 example files". Made clear that system attribute names must be case sensitive in chapter 2.3.  Added additional chapter "2.2 Character Encoding of ReqIF XML files", Added additional chapter "2.9 How to represent links from/to external elements".

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## Contents

1 Introduction .....	9
1.1 Motivation and target of this specification .....	9
1.2 How to read this document .....	9
2 Recommendations .....	10
2.1 Naming conventions for ReqIF file extensions .....	10
2.2 Character Encoding of ReqIF XML files .....	10
2.3 Naming conventions for system attributes .....	10
2.4 How to handle read-only, automatically set system attributes .....	13
2.4.1 Problem statement .....	13
2.4.2 Rules .....	14
2.4.3 Typical exchange scenario .....	14
2.4.4 Different exchange scenario .....	15
2.5 How to interchange DOORS table information .....	15
2.5.1 Mapping the root node of the DOORS table .....	16
2.5.2 Mapping the rows and columns of the DOORS table .....	16
2.5.3 Summary of the example mapping .....	16
2.6 How to handle Embedded Objects .....	17
2.6.1 Problem Statement .....	17
2.6.2 General Considerations .....	18
2.6.3 Rules .....	18
2.7 Formatting conventions .....	19
2.8 How to represent a conversation identifier .....	20
2.9 How to represent links from/to external elements .....	21
2.10 How to deal with RelationGroupType elements .....	22
2.11 How to simplify XHTML-content .....	22
2.12 How to deal with access policy data for SpecHierarchy elements .....	25
2.13 How to resolve conflicting isEditable values for AttributeDefinitionEnumeration .....	26
2.14 How to use xsi:schemaLocation in ReqIF XML documents .....	26
3 Annex .....	27
3.1 Links to ReqIF1.2 example files .....	27
3.2 Differences to prior RIF/ReqIF versions .....	27
3.2.1 Differences from OMG ReqIF1.0.1 to OMG ReqIF1.2 .....	27
3.2.2 Differences from RIF1.2 to ReqIF1.2 .....	27
3.2.3 Differences from RIF1.1a to ReqIF1.2 .....	29
3.3 XML tags used in XHTML .....	32

## Abbreviations and Definitions

ReqIF:	Requirements Interchange Format
ReqIF tool:	A tool that exports ReqIF compliant XML documents from a source requirements authoring tool and/or imports them in a target requirements authoring tool.
Requirements authoring tool:	A tool used that is capable of creating and modifying requirements. In the context of this specification, this need not be a tool marketed as “Requirements Management Tool”.