ReqIF-Stakeholder Request Clarification (SRC)

prostep ivip Implementation Guideline for Use Case

ReqIF-Stakeholder Request Clarification (SRC)

Minimum Requirements

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1 Purpose of this document

This document describes a minimal exchange process for requirements specifications between 2 exchange partners, to clarify stakeholder requests.

The partners exchange the specifications by exporting and importing them in the OMG ReqIF XML format (https://www.omg.org/spec/ReqIF/).

As a convention, special terms used in this document are formatted in *italic*.

When terms from the ReqIF standard document are used, they are written in Courier New font.

Sentences containing MUST represent requirements that must be satisfied by a ReqIF importing or exporting tool to comply with the Stakeholder Request Clarification (SRC) process.

Sentences containing MUST NOT represent conditions that are not allowed to be fulfilled in a ReqIF importing or exporting tool, to comply with the Stakeholder Request Clarification (SRC) process.

2 Overview from a business perspective

The *exchange partners* create and edit the specifications using *requirements authoring tools*.

They export ReqIF compliant XML documents from a source requirements authoring tool and/or imports them in a target requirements authoring tool.

A *conversation* is an exchange of ReqIF files or archives between 2 exchange partners.

Each conversation includes at least one *specification*.

For each specification in the conversation:

- exactly one partner acts as the *specification owner*
- the other partner acts as the *specification contributor*

For each attribute of the specification, the specification owner defines if the attribute is either *owned* by the specification owner, or by the specification contributor. The specification owner agrees which attribute is owned by whom with the specification contributor. How this agreement happens is out of scope of the process described in this document.

Concerning the specifications that are part of the conversation, and their exchanged contents, the user of a requirements authoring tool editing a specification for which she is **specification owner** is only allowed to do the following changes in the requirements authoring tool / ReqIF exporting tool:

- Define the attributes and their types before starting the conversation
- Add attributes to the conversation
- Remove attributes from the conversation
- Add enumeration literals to enumeration types
- Change the specification structure (i.e. add, delete and move requirements)
- Change the attribute values of attributes she owns

Concerning the specifications that are part of the conversation, and their exchanged contents, the user of a requirements authoring tool editing a specification for which she is **specification contributor** is only allowed to do the following changes in the requirements authoring tool:

- Change attribute values of attributes she owns, for example, her comment on the requirement.