Survey of requirements standards

Overview
The purpose of this survey is to identify existing requirements standards and to gather sufficient information on them to be able to validate the ORMF requirements model, which is currently being elaborated, against its ability to support each of the candidate standards.

This document describes the information the ORMF team requires for each identified standard (the what) and the process we propose to follow (the how) in order to achieve this goal.

Survey outcome
The results of the survey will be expressed through two artefacts: a report on each identified standard, and a spreadsheet summarising the high level features of each standard. These artefacts are described in the sections below.

Report on each specific standard
This report is the result of an analysis of a standard. It reflects both the research of the specific survey participant that has taken responsibility for compiling it and the discussions and various optional contributions from any other participant.

The report will ultimately need to answer the following questions:

❖ Does the standard have a formal statement of information to be captured in the conforming requirement? If so, we need that statement.

❖ Does the standard provides a schema document describing the information to be captured in the conforming requirement? If so, we need the schema document.

❖ Is the standard defined in a looser, exemplary fashion? If so, what documents are available that present the information to be captured in the conforming requirement?

❖ Does the standard provide recommended pro-forma documents that define the shape of the conforming requirement document? If so, we need the pro-forma documents.

❖ Does the standard provide any other information that helps to understand what needs to be done to conform to this standard?

If you think there are other aspects of a standard that may be useful to our purpose and that I have not mentioned above, please do not hesitate to suggest them. Your contribution is most welcome.

Summary spreadsheet
We would also like to come out of the survey with a summary spreadsheet containing the information that follows for each standard:

- The standard’s name
- Who provides it
- Who embraces it
- How prevalent it is in its adoption
• What industries tend to utilise it
• Whether or not it contains industry specific content that limits it to particular domains
• Its level of formality (high, medium, low)
• How it is validated

Once again, if you think there are any other high level aspects of a standard that may be useful to our purpose and that I have not mentioned above, please do suggest them.

Survey process
We propose to follow the steps below:

1) Each participants names one or more standards they are aware of or are interested in exploring in greater detail. This is done by adding a comment to the main Eclipse Bugzilla issue, which will become the coordinating and managing medium for the survey members.

2) For each identified standard, Barbara opens a sub-issue in Bugzilla (linked to the main issue), which is entirely devoted to that standard. Any discussion and information on that standard will be contained in that specific sub-issue.

3) For each standard, someone in the team takes the responsibility of compiling the associated report. To make it easy on all participants, the report can be in any format, although we would prefer a separate document that gets attached to the Bugzilla sub-issue instead of a (long) comment in the sub-issue itself.

4) Someone in the team takes the responsibility of compiling the summary spreadsheet.

5) At the end of the process, all participants will be warmly acknowledged and our undying gratitude to them will be splattered all over the place. ;-) 

6) We all go celebrate!!!! :-)}