

**FMI Change Proposal FCP-XXXX:
Title**

Abstract

Short description of the motivation and central ideal of the proposal
("Title" must not be longer than 50 characters).

Revision

Sept. 5, 2014	Name: Changes to the document

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1. Rational

Sketch of the proposal (especially with examples) and an explanation of the business case: Why should this feature be included? What problems can be solved (better) that cannot be solved (as easily) now? Sketch industrial (real world) use cases where the proposal is essential, and if possible the companies/organizations that require it.

2. Proposed Changes in the FMI Specification

This part must include the proposed text to be included (1:1) in to the FMI specification, as well as changes of the current specification. In the specification document that will be attached to the FCP, one can remove unrelated sections as long as section headings are kept so that section numbers are not disturbed.

3. Implementation

3.1 Backwards compatibility

It has to be analyzed whether the proposal is backwards compatible. If any possible, this should be the case. Even if it is backwards compatible, issues should be listed and analyzed that may cause problems.

3.2 Experience with prototype

The prototype implementation has to be sketched and the experience gained with the prototype, especially the implementation effort.

3.3 Required Patents

At best of your knowledge state any patents that would be required for implementation of this proposal.

4. References

Examples:

Blochwitz T., Otter M., Arnold M., Bausch C., Clauß C., Elmqvist H., Junghanns A., Mauss J., Monteiro M., Neidhold T., Neumerkel D., Olsson H., Peetz J.-V., Wolf S. (2011): **The Functional Mockup Interface for Tool independent Exchange of Simulation Models**. 8th International Modelica Conference, Dresden 2011. <http://www.ep.liu.se/ecp/063/013/ecp11063013.pdf>

Blochwitz T., Otter M., Akesson J., Arnold M., Clauß C., Elmqvist H., Friedrich M., Junghanns A., Mauss J., Neumerkel D., Olsson H., Viel A. (2012): **Functional Mockup Interface 2.0: The Standard for Tool independent Exchange of Simulation Models**. 9th International Modelica Conference, Munich, 2012. <http://www.ep.liu.se/ecp/076/017/ecp12076017.pdf>

XML: www.w3.org/XML, en.wikipedia.org/wiki/XML

5. **First Appendix**

If needed add material to the appendix.

5.1 Subchapter of appendix

If needed add material to the appendix.