FIBO v2 Spec Automation Call

*26 April 2019*

# Attendees

* Pete
* Bobbin
* Mike
* Larry

# Topics

* LaTeX Doc Creation
* CCM Diagrams
* JIRA Co-ordination
* URIs alignment

# LaTeX Doc Creation

Pete and Jason to synch up on this.

Syntax seems straight forward but you need to know the exact syntax. PR needs to know which markup to use where.

‘Overleaf’ is an on line environment for managing and versioning LaTeX. It is less onerous than MS Word.

However there seems to be some environment thing that has to be in place. For someone.

## Potential Maintenance Issues

LJ: needs to be convinced that this is something that people can work with. And that it works.

MB: This does not require anything of OMG, or that anyone else at OMG needs to use LaTeX.

LJ: Maintainability. Who keeps this thing going? What staff developer knowledge is required?

ISO submissions – would need to know how to deal with this.

### Discussion

Source in LaTeX – seems an encumbrance for our spec writers. That is, the OMG writers themselves.

In FIBO, we do not require OMG editors to use LaTeX; here we are automatically generating the document. This gives us version-specific redlining, for the FTF Report. In FIBO we have Pull Requests, per issue. So we would take one version out of GitHub, create a new version of the spec for that issue, and LaTeX gives us markup in the doc based on what change was covered in the Jira.

This is model driven – it does not require OMG editors to carry out edits of the text.

Changes in the written matter, that does not come out of the model, then someone has to write text. Jason has a template for that.

So you make a change in the OWL, regenerate the document for that issue, and any changes resulting from that OWL change, are marked up with the Jira number. This is using off the shelf tooling, called Overleaf. Jason is working with the Overleaf developers to build in some widgets for this. Jason is also developing specific templates, to give a consistent style for OMG. Comparable to Word templates.

Knowledge requirements? Given the docs are generated, no-one needs to know anything. For manual text changes, FTF editors will need to know the styles.

Cumulative version with all the redline for that period – yes, that will be delivered as part of this.

Support: Jason, Pete. Also Manfred has worked on the MOF to RDF spec using LaTeX.

# CCM Diagrams

## Diagram hooks

For an ontology called X, the LaTeX has a statement for include (something X).

e.g. if we did single class diagrams for each, it would be Class C in Ontology X. Then there would be an include statement e.g. Include diagram C, X, C.svg or similar.

Save the diagram files to a specific directory. These can be saved manually in .svg

Would not do as a CCM report.

The challenges on this are:

1. Do the diagrams
2. Define what diagrams exist for each ontology and the naming conventions

MB has an action to complete the above. The challenge is the presence of multiple themes in a given ontology.

BT can then help with drawing those diagrams.

## SME Diagrams / Webinar

Q: Any update on the SME diagrams for the EDM Council webinar?

No. The Webinar has been deferred indefinitely.

# JIRA Co-ordination

## Effort

MB took an action to talk to Dean Allemang of EDMC on what effort would be needed and by whom. Awaiting response.

## Requirements

There are two requirements, at different phases of our activities

* Bulk Transfer – one-off for the current FTF
  + All relevant Jiras from 2018Q2.5 to 2019Q1.5
* Event Driven – needed only for future RTFs

### Bulk transfer

See 1st of PR’s 3 links in the 14 March notes:

<https://community.atlassian.com/t5/Jira-questions/How-to-clone-issues-to-a-new-project/qaq-p/14885>

PR notes that this should not require technical effort by e.g. Dean Allemang but is something even MB could do. This was not clear (to MB) before.

**Action:** MB to try this.

Requires only a login to the OMG Jira – it does not require any special interface to be installed on the OMG side.

### Event Driven

The other options can be looked at for event driven stuff for future RTFs, but this FTF only needs bulk transfer anyway.

How we get these numbers into the LaTeX thing? Presumably it requires a GitHub repo. OMG does not have one. We would use the EDMC GitHub for that. Create a separate GitHub project for that? Or we would use the main FIBO repo and have the LaTeX in the /etc folder structures. This is a question for FPT – but after figuring the below question.

Need to decide whether to use GitHub, or whether to use Overleaf. We don’t know if using Overleaf means not having to use GitHub.

# URIs alignment

No updates.