

**Open
Source Code**



openETCS

Report from the last SSRS SysML Workshop in Frankfurt 2nd October

openETCS@ITEA2 Project

Baseliyos Jacob

'Braunschweig, 07.10.2013

Presenting and evaluation of the current draft documents and progress of the work. Especially the functional analysis, functional breakdown, models of different requirements, tools, process and useful documents. Clarification of open questions and preparation for the next meeting in Brunswick.

Open Questions:

- 1. How to come from ERA+SRS to Modeling**
- 2. SysML – Modeling with Papyrus?**
- 3. How to start modelling tomorrow.**
- 4. View whats needed for Modelling**

Next Steps::

- 5. Organize Work – Meetings**
- 6. List of Todo's by priority**

- Presentation on functional breakdown (DB Student, Jan Welte, Jan Welvaarts):

[https://github.com/openETCS/SSRS/tree/master/Interface Document/PapyrusModel/high level functions](https://github.com/openETCS/SSRS/tree/master/Interface%20Document/PapyrusModel/high_level_functions)

[https://github.com/openETCS/SSRS/tree/master/InterfaceDocument/PapyrusModel/functional breakdown subset26](https://github.com/openETCS/SSRS/tree/master/InterfaceDocument/PapyrusModel/functional_breakdown_subset26)

- SRS analysis and functions (Jan Welvaarts):

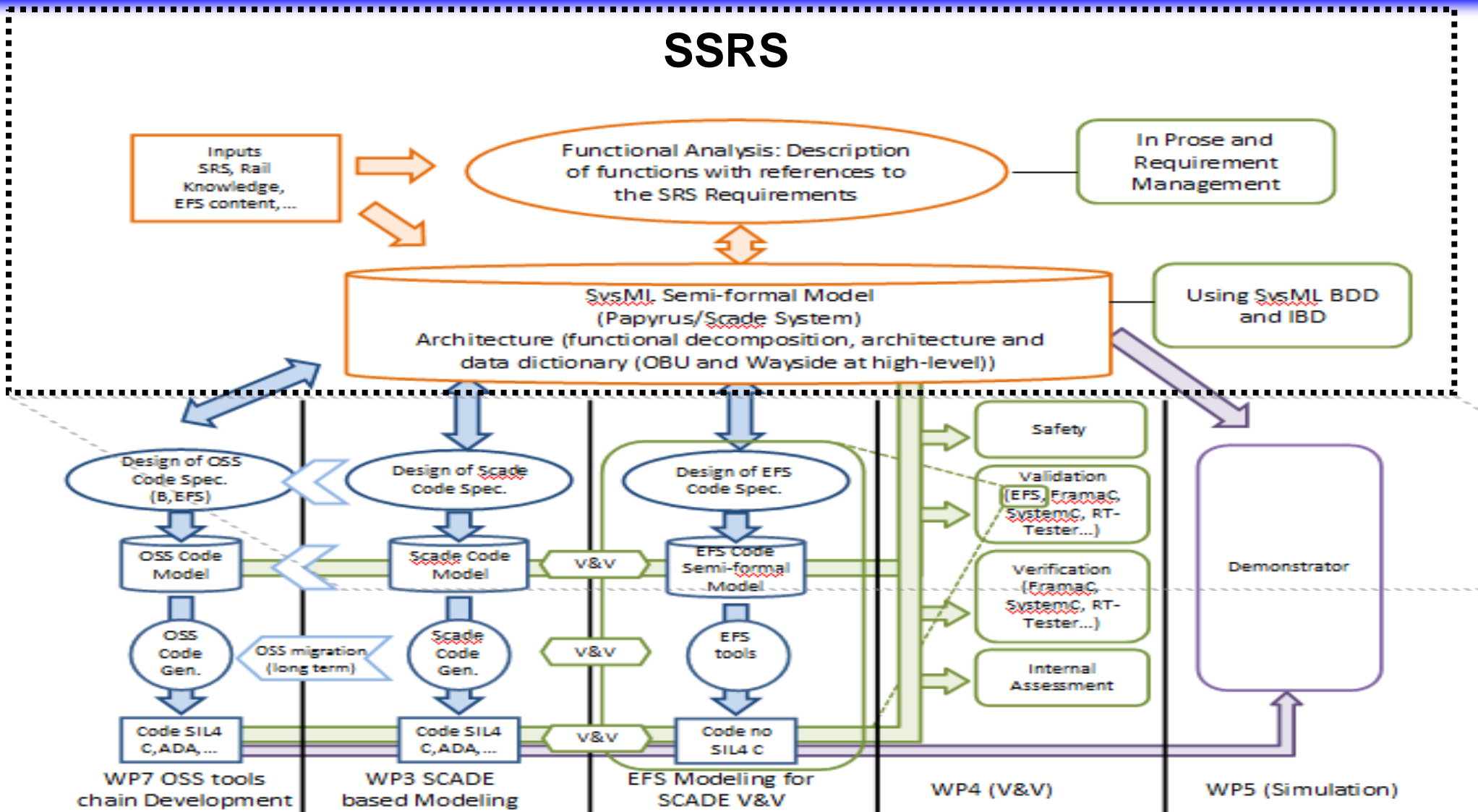


Adobe Acrobat
Document

- MoRC Model in Scade (Uwe Steinke):

[https://github.com/openETCS/modevaluation/tree/master/model/SCADE Siemens/MoRC System](https://github.com/openETCS/modevaluation/tree/master/model/SCADE_Siemens/MoRC_System)

Complement the Model



1.How to come from ERA+SRS to Modeling

If parts of the SRS are already written as a function it can be taken over in the SysML Model.
Otherwise the functions have to be extracted from the requirements.

2. SysML – Modeling with Papyrus

Refer to the Model

3. How to start modelling tomorrow.

Process defined on the Model

4. View whats needed for Modelling

- Names of function
- Description of the function including reference to the SRS
- Data dictionary
- In- and Outputs of the functions

5. Organize Work – Meetings

- 4 day meeting in Munich – end of October
- Next come together - Thursday 10th of October in Brunswick

Next Steps

Organize Work – Meetings

- 4 day meeting in Munich – end of October
- Weekly Telco/ Daily Warm up
- Come together today after the QA Plan review
- Next come together - Thursday 10th of October in Brunswick

List to do's by priority

1. Defining a data model
2. High level and Bottom Up Functional Structure (Merging and discussing Jan Welte and Jan Weltaarts work)
3. Finding parts of the SRS which can be modelled directly
4. Evaluating of first version ProR
5. V&V
7. Data dictionary (EFS/ERSA)
8. Assigning functions to the modeller [creation of a Backlog]