ITEA2 Project
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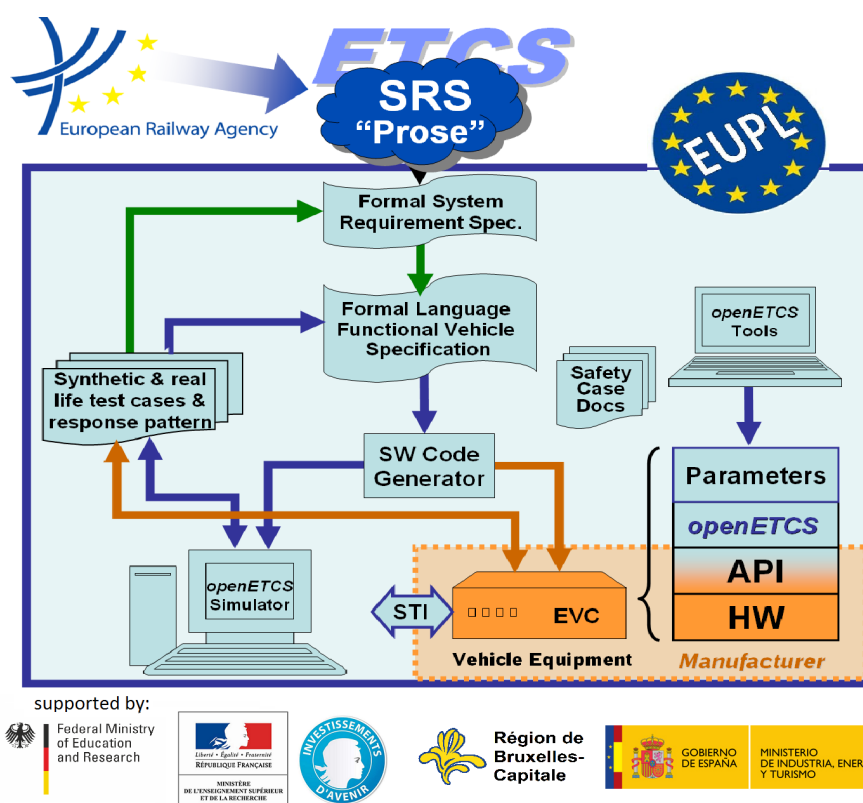
Work-Package 3: "Tool chain"

openETCS:
openETCS Extended Tool Construction Set

Release 1.0

Cecile Braunstein   October 2013

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Work-Package 3: "Tool chain"   **OETCS/WP7/D7.4**
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openETCS:
openETCS Extended Tool Construction Set
Release 1.0

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Installation guide

Prepared for   ITEA2 openETCS consortium
                Europa

Abstract: This document defines the first release of the openETCS tool chain. It describes the installation procedure of the tool chain.

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Document Information

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1 openETCS release 1.0

This release provides the tools for modeling at the system level and for managing the requirements.

1.1 List of Software

Following the decision of WP7 deliverable D7.1 the first release of the OpenETCS tool chain consists of the eclipse IDE with a set of plug-ins.

- Eclipse Modeling : Contains EMF, Egit, myLin, JDT, xsd ...

- Papyrus

- ProR

1.2 Installation Guide

1.2.1 Install Eclipse Modeling tools

1. Download the Eclipse Modeling, choose the right version according to your Operating System.

2. Extract the contents

3. Run eclipse

1.2.2 Install Papyrus

A more detailed installation guide may be found here.

1. Click `Help> Install Modeling Components`

2. Select Papyrus

3. confirm and accept the licence

Guidelines for Papyrus are available on GitHub at this location

1.2.3 Install ProR

1. Click `Help>Install new Software ...`

2. Add the new update site : `http://download.eclipse.org/rmf/updates` in the `Work with:` box

3. Select all items

4. Accept the terms of the license agreement

5. Finish the installation

1.3 Eclipse and git repositories

A tutorial on how to configure Egit may be found here.

1.3.1 How to import an Eclipse project from GitHub

1. From Menu `File>Import...` select `Git>Project from Git`

2. Choose "Clone URI"

3. Get the URL of your repository

4. Choose a protocol (e.g. https or ssh)

5. Choose the branch you want to clone and where the local copy will be set on your computer.

6. Click `Import existing project` and select a project.