Proposal for an Entry to a Verification Report Version 1.0

Hardi Hungar

Nov 01, 2013

Abstract

This document contains a proposal for structure and content of an entry to a verification or validation report. The information items appearing in this proposal should be supplied, though not necessarily in always the same form. For instance, if there is already a good description of the method applied, the report should contain a reference to that description and only a short summary of it. If there is none, more text is called for.

The proposal should be used as a guideline to check whether all information is given appropriately. The wording used in this proposal is by no means mandatory. And if you feel that more information is useful to describe your activity within the context of openETCS, you should of course do so. Feel free to add additional categories of description as adequate.

Also the LaTeX macros may be changed, though the use of `paragraph` and `subparagraph` enables easy integration into higher-level documents (they are not numbered automatically, which may be a draback in other respects).

0.0.1 Verification of *<verification object>*

This sections reports on the verification activities of *<verification object>*. The goal of the activity is to establish *<goal>*.

> There are two categories of goals: One is to do something for the EVC software to be developed in openETCS. That is, a design artifact is verified here. The other is to do something for the VnV methods, eg. evaluating or demonstrating the suitability of tools.

The acitivity is described in the Verification and Validation Plan *<reference>*. In short, *<short summary>*.

> If there is no adequate plan, add something here).

Object of verification

The object of verification is *<name, github ref>*. It is from *<design phase>* and represents/describes/implements *<the what>*.

> Design steps according to the openETCS process described in D2.3. Add more detailed characterisation if suitable.

Available specification

> Specification to be implemented by the verification object.

<References, short description>

Detailed verification plan

Goals

> Which specification items are to be established?

Method/Approach

Means

> Mainly tools

Other

> optional, might be renamed

Results

Summary

> Goals [not] achieved

Evidence produced

> Description and reference to details (if applicable)

Conclusions/Lessons learned

Contribution of the activity to the goals of openETCS

Future Activities

Sketch of revised or new plans concerning the same or similar objectives (eg. tool application, new verification campaign on the same object, tool improvements)

End of Document