~ Sli.do Q&A ~
Deployment of the PUS-C Standard in Projects supported by an Automatic Generation Toolset

Both SAVOIR members and ECSS Technical Authority have asked for the possibility to evaluate the tool. How can this be made possible?

The source code of the tool and the documentation are available on request. (Contact the TO: maxime.perrotin@esa.int)

However, we have not made it available on a public repository because we think that the tool is a prototype that requires further development to be used by non-experts. Since it comes with no support other than the documentation we think that it is a bit too early to try it.

A proposal for additional development has been made and is under evaluation.

Can I use this tool to model the "Generic OIRD" produced by ESOC and applied in several projects such as Copernicus (at least for the PUS tailoring part)?

Even if this should be possible in theory, it seems that the Generic OIRD is not compatible with the PUS-C tailoring approach. Further evaluation would be needed on that topic.

Will the ORM model be included in the next revision of the standard?

It is currently not foreseen, as the document is based on textual requirements.

It will be however proposed as this would be in line with the trend to complement textual description with formal models.

Is the tool open source? Which license type has the tool?

The tool IPR belongs to ESA and is open-source. The license will most-likely be community (for ESA member-states) LGPL-compatible.

Will the PUS-C population tool be made publicly available through essr.esa.int?

Yes

What is the price of this tool? Can we download a trial version?

It is free

In my experience, any mission tailoring is "illegal" in that there are always a number of non-compliances and deviations from the standard. Is this supported?

The purpose of the tool is to prevent illegal tailorings by all means...

The SDL and ASN.1 models are great and should be directly in the standard. Is that foreseen?

See answer to similar question about ORM.

So, WHEN will the tool be distributed, what is missing now to get this objective?

What is missing is an easy-to-use user interface that makes the creation of private PUS-C-compliant services straight-forward (i.e. not requiring deep knowledge about the PUS foundation model).