

Product Life Cycle Support V1.0 Committee Specification 01 published by the #PLCS TC

Submitted by censign on Tue, 2013-10-29 15:05

Type:

TC Administration announcements

We are pleased to announce the approval and publication of a new Committee Specification by the members of the OASIS Product Life Cycle Support (PLCS) TC:

Product Life Cycle Support Version 1.0
Committee Specification 01
15 October 2013

Overview:

The purpose of the OASIS Product Life Cycle Support (PLCS) standard is to establish structured data exchange and sharing capabilities for use by industry to support complex engineered assets throughout their total life cycle. The OASIS Product Life Cycle Support (PLCS) standard is defined by Data Exchange Specifications (DEX) that are based upon ISO 10303 (STEP) Application Protocol 239 Product Life Cycle Support. This specification includes the PLCS library, templates, derived SysML and XML models and associated reference data.

This Committee Specification is a highly interlinked collection of HTML documents. The navigation links on the top and in the left column provide access to the components of the draft. The link to Help on the navigation links includes an explanation of the organization of the material. The Help topic "PLCSlib navigation" explains how to use the interface.

TC Description:

The TC is currently developing templates for deployment of the ISO 10303-239 standard, together with associated SysML and XML models to facilitate implementation. It is intended that the work be adopted by ISO.

URIs:

The prose specification and related files are available here:

HTML (Authoritative):

<http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/plcslib-v1.0-cs01.html> [1]

PDF:

<http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/plcslib-v1.0-cs01.pdf>

[2]

PLCS Platform Specific Model:

- EXPRESS information model:

http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/PLCS/psm_model/pl... [3]

- XML Schemas:

http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/PLCS/psm_model/pl... [4]

http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/PLCS/psm_model/co... [5]

- OWL Reference Data:

http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/PLCS/psm_model/re... [6]

PLCS OWL Reference Data:

<http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/contexts/OASIS/re...> [7]

Distribution ZIP files

For your convenience, OASIS provides a complete package of each prose specification and related files in a ZIP distribution file. You can download the ZIP files here:

<http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/plcslib-v1.0-cs01.zip> [8]

Members of the PLCS [1] requested a Special Majority Vote to approve this specification with Non-Material Changes as a Committee Specification. The specification had been released for public review as required by the TC Process [2]. The vote to approve as a Committee Specification passed [3], and the approved CS01 is now available online in the OASIS Library as referenced above.

Our congratulations to the TC on achieving this milestone.

===== Additional references:

[1] OASIS Product Life Cycle Support (PLCS) TC

<http://www.oasis-open.org/committees/plcs/> [9]

[2] Public reviews:

15-day public review, 05 August 2013: <https://lists.oasis-open.org/archives/tc-announce/201308/msg00001.html>

[10]

Comment resolution log: <http://docs.oasis-open.org/plcs/plcslib/v1.0/csprd02/plcs-plcslib-v1.0-c...> [11]

30-day public review, 27 March 2013: <https://lists.oasis-open.org/archives/tc-announce/201303/msg00007.html>

[12]

Comment resolution log: <http://docs.oasis-open.org/plcs/plcslib/v1.0/csprd01/plcs-plcslib-v1.0-c...> [13]

[3] Approval ballot:

<https://www.oasis-open.org/committees/ballot.php?id=2525> [14]

Associated TC:

plcs

Deadline:

Tue, 2013-10-29

Links:

- [1] <http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/plcslib-v1.0-cs01.html>
- [2] <http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/plcslib-v1.0-cs01.pdf>
- [3] http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/PLCS/psm_model/plcs_psm.exp
- [4] http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/PLCS/psm_model/plcs_psm.xsd
- [5] http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/PLCS/psm_model/common.xsd
- [6] http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/PLCS/psm_model/refdata/plcs-psm-en.owl
- [7] <http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/data/contexts/OASIS/refdata/plcs-rdl-en.owl>
- [8] <http://docs.oasis-open.org/plcs/plcslib/v1.0/cs01/plcslib-v1.0-cs01.zip>
- [9] <http://www.oasis-open.org/committees/plcs/>
- [10] <https://lists.oasis-open.org/archives/tc-announce/201308/msg00001.html>
- [11] <http://docs.oasis-open.org/plcs/plcslib/v1.0/csprd02/plcs-plcslib-v1.0-csprd02-issues.xls>
- [12] <https://lists.oasis-open.org/archives/tc-announce/201303/msg00007.html>
- [13] <http://docs.oasis-open.org/plcs/plcslib/v1.0/csprd01/plcs-plcslib-v1.0-csprd01-issues.xls>
- [14] <https://www.oasis-open.org/committees/ballot.php?id=2525>