



THEORY INTEREST GROUP

Closing session

2010 December 11



Simulation Data Model (SimDM) → DM WG

- Fine tuning of the model during the first session
 - all comments received so far have been discussed
 - may change a little after further discussions
- Note is being turned into WD
 - many editing issues (action: GL and HW)
 - homogeneous name: Simulation Data Model (also for filenames)
- Implementation note with more than two examples needed
 - examples of XML files
- Vocabularies almost ready (7 !)
 - One vocabulary by SKOS concept in the SimDM.

SimDM Roadmap

- DM WG (and TIG) discussions until end of Dec
- RFC in Jan 2011
- TCG RFC in Feb 2011
- PR in March 2011
- REC in April 2011

ivoa.net / IvoaTheory / IVOA.IVOAThorySimDMspec

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Simulation Data Model specification

This page collects all the URLs of the documents forming the specification of SimDB/DM, the so-called Simulation Data model. This specification being still in development, most URLs point to the Volute GoogleCode project at <http://code.google.com/p/volute/source/browse/trunk/projects/theory/snapdm/specification/>. But, as soon as SimDB/DM is recommended, it will contain all the files.

SimDM documents

File	Purpose	URLs
SimDB-DataModel.doc	Note explaining the genesis of the model and the philosophy of the main features	http://volute.googlecode.com/svn/trunk/projects/theory/snapdm/specification/SimDB-DataModel.doc
SimDB-DataModel_Appendix.doc	Appendix of the Note	http://volute.googlecode.com/svn/trunk/projects/theory/snapdm/specification/SimDB-DataModel_Appendix.doc
SimDB.html	Specification of the model	http://volute.googlecode.com/svn/trunk/projects/theory/snapdm/specification/html/SimDB.html
SimDB_DM.png	Graphic view of the whole model (large image)	http://volute.googlecode.com/svn/trunk/projects/theory/snapdm/specification/uml/SimDB_DM.png
SimDB_DM.xml	MagicDraw UML diagram serialised to XMI	http://volute.googlecode.com/svn/trunk/projects/theory/snapdm/specification/uml/SimDB_DM.xml
SimDB_INTERMEDIATE.xml	Intermediate representation of the model: a (generated) XML document representing the complete model in more readable format than XMI	http://volute.googlecode.com/svn/trunk/projects/theory/snapdm/specification/uml/SimDB_INTERMEDIATE.xml
intermediateModel.xsd	XML schema document for intermediate representation's XML format	http://volute.googlecode.com/svn/trunk/projects/theory/snapdm/specification/uml/intermediateModel.xsd
xsd/	XML schema documents (generated) representing mapping of UML to XSD	http://volute.googlecode.com/svn/trunk/projects/theory/snapdm/specification/xsd/
NoteImplementationSimDB_3.pdf	Implementation Note (examples)	pdf file

-- HerveWozniak - 12 Nov 2010

Attachment	Action	Size	Date	Uploaded by	Comment
 NoteImplementationSimDB_3.pdf	manage	2284.0 K	09 Dec 2010 - 00:39	HerveWozniak	Implementation note

- <http://www.ivoa.net/cgi-bin/twiki/bin/view/IVOA/IVOAThorySimDMspec>



Rest of the Sim* family (common DAL/Reg/Th session)

- SimDAL
 - start some discussions in **DAL/Registry session this week**
 - need additional work on several parts
 - simple access vs TAP access (both?)
 - may include a TAP interface (needs to specify “minimal” TAP_SCHEMA)
 - many points not yet fully addressed:
 - should include VOSI services (near to REC)
 - define mandatory/optional services (download, cutout, preview, custom...)
- SimDB (Simulation Data Base)
 - resume work one SimDM is on the way to recommendation
 - note in preparation



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