



State of the TCG

Christophe Arviset
for the
IVOA Technical Coordination Group

Technical Coordination Group



TCG

TCG	Chair	Vice-Chair
TCG	Christophe Arviset	Séverin Gaudet
IVOA Chair	Fabio Pasian	Paolo Padovani
Working Group	Chair	Vice-Chair
Applications	Tom McGlynn	Mark Taylor
Data Access Layer	Keith Noddle	Jesus Salgado
Data Model	Mireille Louys	Anita Richards
Grid&Web Services	Matthew Graham	Paul Harrison
Registry	Ray Plante	Aurelien Stebe
Semantics	Sebastien Derriere	Norman Gray
VOEvent	Rob Seaman	Alasdair Allan
VO Query Language	Pedro Osuna	Yuji Shirasaki
VOTable	François Ochsenbein	n/a
Standard and Processes	Francoise Genova	n/a
Interest Group	Chair	Vice-Chair
Astro RG	Masatoshi Ohishi	n/a
Data Curation & Preservation	Bob Hanisch	n/a
Theory	Herve Wozniak	Claudio Gheller

- Technical Coordination amongst WGs/IGs

- Liaison with IVOA Exec

- Specific role in Recommendation Process

- New members since last interop

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

Main activities since last Interop



TCG

- SAMP v1.11 became REC
 - Already widely used
- Various other standards in RFC
 - IVOA Document Standards v1.2
 - SIAP v1.1 ("legacy" version)
 - Vocabularies v1.16
 - VOSpace v1.15
 - Credential Delegation Protocol v1.01
 - Registry Interface v1.01



Recommendation Process



WBS	Task Name	Duration	Start	End	TCG											
					2008				2009				2010			
					Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
28	[WG] IVOA_STD	15.1 mons	Tue 01/01/08	Thu 19/03/09	01/01									19/03		
28.1	in Working Group	12.62 mons	Tue 01/01/08	Tue 06/01/09	01/01									06/01		
28.1.1	Work within WG	240 days	Tue 01/01/08	Tue 02/12/08	01/01											
28.1.2	IVOA_STD Note 0.2	0 days	Wed 15/10/08	Wed 15/10/08				15/10								
28.1.3	IVOA_STD Note 0.3	0 days	Fri 07/11/08	Fri 07/11/08				07/11								
28.1.4	Final review within WG	25 days	Wed 03/12/08	Tue 06/01/09				03/12								
28.2	IVOA_STD for PR	0 days	Tue 06/01/09	Tue 06/01/09						06/01						
28.3	RFC period within interop	1 mon	Wed 07/01/09	Wed 04/02/09						07/01						
28.4	TCG review	1 mon	Thu 05/02/09	Thu 05/03/09						05/02						
28.5	PR submission to Exec	0 days	Thu 05/03/09	Thu 05/03/09						05/03						
28.6	IVOA Exec review	2 wks	Fri 06/03/09	Thu 19/03/09						06/03						
28.7	REC IVOA_STD	0 days	Thu 19/03/09	Thu 19/03/09						19/03						

- IVOA Document Standards v1.2 went back into WG after RFC1
 - Basic principles already taking place
- RFC2 12/05/2009 – 11/06/2009
- Final approval by the IVOA Exec expected July 2009

IVOA Documents Naming and version numbering conventions



TCG

- Purpose : coherent and consistent naming and version numbering of IVOA Docs

- DocType-ConciseName-I.J-YYYYMMDD.ext
 - DocType : NOTE, WD (Working Draft), PR (Proposed Recommendation), or REC (Recommendation)
 - ConciseName : reasonable condensation of the document title
 - I.J : version number of the form I.J, where I and J are integers 0, 1, 2, ... 9, 10, 11,
 - YYYYMMDD : GMT date on which the current version of the document was produced
 - ext : .html (required), .pdf, .doc

IVOA Documents Naming and version numbering conventions



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1st versions PRIOR to 1st REC

NOTE-MyNewIdea-1.0-20081001.html	(initial idea)
WD-ConciseName-0.1-20081225.html	(first Working Draft, in WG)
WD-ConciseName-0.1-20081231.html	(revised 6 days later)
WD-ConciseName-0.2-20090115.html	(text revised substantially)
WD-ConciseName-0.2-20090201.html	(final version in WG before PR)
WD-ConciseName-1.0-20090301.html	(published first version)
PR-ConciseName-1.0-20090501.html	(promoted to PR)
PR-ConciseName-1.0-20090615.html	(updated after RFC)
PR-ConciseName-1.0-20090801.html	(updated after TCG review)
REC-ConciseName-1.0.pdf	(accepted as REC; date, e.g., 20090901 appears on title page)

"Minor" update AFTER 1st REC

WD-ConciseName-1.1-20100628.html	(first update to WD in WG; does not affect software)
WD-ConciseName-1.1-2010715.html	(revised text)
WD-ConciseName-1.1-2010801.html	(revised text)
PR-ConciseName-1.1-20100815.html	(promoted to PR)
PR-ConciseName-1.1-20100915.html	(updated after RFC)
PR-ConciseName-1.1-20101001.html	(updated after TCG review)
REC-ConciseName-1.1.pdf	(accepted as REC)

"Major" update AFTER 1st REC

WD-ConciseName-2.0-20110628.html	(major update to WD in WG; does affect software)
WD-ConciseName-2.0-2011715.html	(revised text)
WD-ConciseName-2.0-2011801.html	(revised text)
PR-ConciseName-2.0-20110815.html	(promoted to PR)
PR-ConciseName-2.0-20110915.html	(updated after RFC)
PR-ConciseName-2.0-20111001.html	(updated after TCG review)
REC-ConciseName-2.0.pdf	(accepted as REC)

Main activities since last Interop



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- Various standards entering RFC, soon after Interop
 - SLAP 1.0 together with SSLDM 1.0
 - VOTable 1.2
 - TAP 1.0
 - UCD 1+

Draft Roadmap 2009/2010



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- Other Standards under development, more details in WG/IG chair presentations and sessions
 - [DAL] SIAP v2, SimDAP
 - [DM] ObsDM, PhotDM, AMLDM, Units, UTypes
 - [GWS] VOSI, BP, UWS
 - [Registry] VODataService, VOStandard, VOApplications, SIA/SCS Extended Resource
 - [VOEvent] VOEvent 2.0, SEAP, VOEvent Registry Extension
 - [Theory] SimDB, Microsimulations

- [Registry] Curation Tools

Draft Roadmap 2009/2010



TCG

- The IVOA in 2009 : Technical Assessment and Roadmap
 - Endorsed by IVOA Exec
 - Updated every year after May Interop:
 - IVOA main technical achievements since last year
 - IVOA technical roadmap for upcoming year
 - Potential discussions required amongst WG/IG

- Suggestions from EXEC for “priority” standards, taking into account the feedback from the Science Community
- Relationship / dependencies between Standards

- IVOA wiki upgrade

Existing IVOA REC standards



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Standards	WG	Date	Comments
IVOA Document Standards v1.0	Standards & Process Committee	Oct. 2003	V1.2 in RFC for approval in 2009
<u>VOTable v1.10</u> VOTable Format Definition	VOTable	August 2004	<u>VOTable 1.2</u> expected in 2009
UCD v1.10 An IVOA Standard for Unified Content Descriptors	Semantics	August 2005	
UCD 1+ v1.23 The UCD1+ controlled vocabulary	Semantics	April 2007	UCD 1+ v1.3 expected in 2009
Maintenance of the list of UCD words v1.20	Semantics	May 2006	
VOEvent v1.11 Sky Event Reporting Metadata	VOEvent	Nov. 2006	VOEvent v1.2 expected in 2009
IVOA Identifiers v1.12	Registry	March 2007	Update expected in 2009
Resource Metadata for the Virtual Observatory v1.12	Registry	March 2007	
STC v1.33 Space-Time Coordinate Metadata for the VO	DM	Oct. 2007	
<u>SpectraDM v1.01</u> Spectral Data Model	DM	Oct. 2007	
SSO v1.03 Single-Sign-On Profile: Authentication Mechanisms	GWS	Jan. 2008	
<u>VOSpace v1.02</u> VOSpace service specification	GWS	Jan. 2008	<u>VOSpace v1.1</u> expected in 2009
<u>VOResource v1.03</u> VOResource: an XML Encoding Schema for Resource Metadata	Registry	Feb. 2008	
SCS v1.03 Simple Cone Search	DAL	Feb. 2008	
SSAP v1.04 Simple Spectra Access Protocol	DAL	Feb. 2008	
<u>CharDM v1.13</u> Data Model for Astronomical DataSet Characterization	DM	March 2008	
ADQL v2.0 Astronomical Data Query Language	VOQL	October 2008	
SAMP 1.11 Simple Application Messaging Protocol	Apps	April 2009	

More details can be found on the IVOA Document pages at:
<http://www.ivoa.net/Documents/>

When updating a standard, be careful of :

- backward compatibility
- existing implementations

CG chair