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The IVOA in 2008: Assessment and Future Roadmap

Version 0.3

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Latest versions:

<http://www.ivoa.net/internal/IVOA/TechnicalMilestones/IVOARoadMap-2007-final.pdf>

<http://www.ivoa.net/Documents/Notes/RoadMap/IVOARoadMap-2006.pdf>

<http://www.ivoa.net/Documents/Notes/RoadMap/IVOARoadMap-20050808.pdf>

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Abstract

This note describes the main technical achievements of the IVOA for the last year as well as the updated roadmaps for each Working Groups and Interest Groups for the upcoming year, detailing plans and associated milestones. Furthermore, it identifies specific issues that may require more focus coordination between some working groups and interest groups.

This notes focuses on the technical aspects of the IVOA work and does not cover the more general executive, organization and overall strategy areas of the IVOA.

Status of This Document

This is an IVOA Working Draft for review by IVOA members and other interested parties. It is a draft document and may be updated, replaced, or obsolete by other documents at any time. It is inappropriate to use IVOA Working Drafts as reference materials or to cite them as other than “work in progress”.

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1 IVOA Main Achievements since Spring 2007

1.1 General

Since the last IVOA Spring Interoperability meeting in Beijing, some extra focus has been given to the role of the TCG.

Its name “Technical Coordination Group” has been consolidated (removing some instances where TCC was used). A new TCG vice-chair was appointed by the IVOA exec as well a more systematic nomination of vice-chair for all WGs/IGs. TCG mailing list and TCG web pages were updated to reflect this name and in order to better communicate and make the necessary information easier to found.

The TCG released in June 2007 the “IVOA Assessment and Roadmap for 2007” than can be found at:

<http://www.ivoa.net/internal/IVOA/TechnicalMilestones/IVOARoadMap-2007-final.pdf>

The TCG met through a teleconference in September 2007 to finalize the Recommendation process of eight important IVOA standards. Extensive review and comment of these standards took place within the TCG. These were reflected in the TCG web pages ([Ref.2]) and served as inputs to the IVOA exec to take the final decision about the recommendation.

As a feedback on this process, the TCG gave inputs to the Standards and Process Committee to update the IVOA Document Standards Process ([Ref.3]) and reflect better the new role of the TCG in that process.

The TCG met through a teleconference in February 2008 to review the status of work and to start preparing for the IVOA Spring Interoperability meeting in Trieste in May 2008.

1.2 List of IVOA Standards produced in the last year

The last year was very productive as there were up to 8 standards which have successfully gone through the Recommendations process as detailed in the TCG web pages. That went through after significant discussions that took place within the TCG.

Here is the list in chronological order of the IVOA standards that have been released during the last year:

Standards	WG	Date	Comments
STC v1.33 Space-Time Coordinate Metadata for the VO	DM	Oct. 2007	
SpectraDM v1.01 Spectral Data Model	DM	Oct. 2007	
SSO v1.03 Single-Sign-On Profile: Authentication Mechanisms	GWS	Jan. 2008	
VOSpace v1.02 VOSpace service specification	GWS	Jan. 2008	
VOResource v1.03 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	
CharDM v1.13 Data Model for Astronomical DataSet Characterisation	DM	March 2008	

2 IVOA Roadmap for the Upcoming Year

2.1 TCG core

Discussions are on-going to define more formally the Charter of the TCG. This will be produced as an IVOA note to be approved by the IVOA exec.

Various changes are going to take place in the composition of the TCG. The term of the current TCG chair, Roy Williams is coming to its end. The current TCG vice-chair, Christophe Arviset will become TCG chair and a new TCG vice-chair will have to be appointed by the IVOA exec. Additionally, several WGs/IGs chairs and vice-chairs are coming to the end of their term, so new people will be appointed by the IVOA exec.

In that context, some discussion took place to determine if we should create a “Starter Guide” for the WG/IG new chairs and vice-chairs, but its exact content is still to be determined.

At the last TCG teleconference in February 2008, some action were set to try to propose a “Template” for WG and IG web pages so the relevant information is presented in some more uniform way to people can find it more easily.

2.2 Application WG

The standards being worked at are the following:

The schedule for the SAMP Recommendation process is the following:

WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010		2011
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1
1	[Apps] SAMP	24.86 mons	Fri 01/12/06	Tue 16/12/08							01/12	16/12					
1.1	in Working Group	22.38 mons	Fri 01/12/06	Fri 03/10/08							01/12	03/10					
1.1.1	Work within WG	445 days	Fri 01/12/06	Fri 29/08/08							01/12						
1.1.2	SAMP WD 0.5	0 days	Mon 30/06/08	Mon 30/06/08							30/06						
1.1.3	Final review within WG	25 days	Mon 01/09/08	Fri 03/10/08							01/09						
1.2	SAMP for PR	0 days	Fri 03/10/08	Fri 03/10/08							03/10						
1.3	RFC period within interop	1 mon	Mon 06/10/08	Mon 03/11/08							06/10						
1.4	TCG review	1 mon	Tue 04/11/08	Tue 02/12/08							04/11						
1.5	PR submission to Exec	0 days	Tue 02/12/08	Tue 02/12/08							02/12						
1.6	IVOA Exec review	2 wks	Wed 03/12/08	Tue 16/12/08							03/12						
1.7	REC SAMP	0 days	Tue 16/12/08	Tue 16/12/08							16/12						

[More inputs required from Mark Allen, Mark Taylor]

- IVOA newsletter focus on application?
- More ?

2.3 Data Access Layer WG

The standards being worked at are the following:

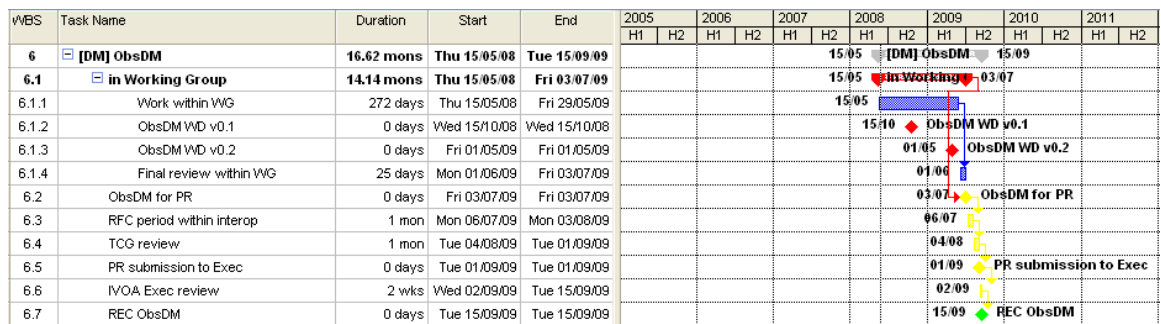
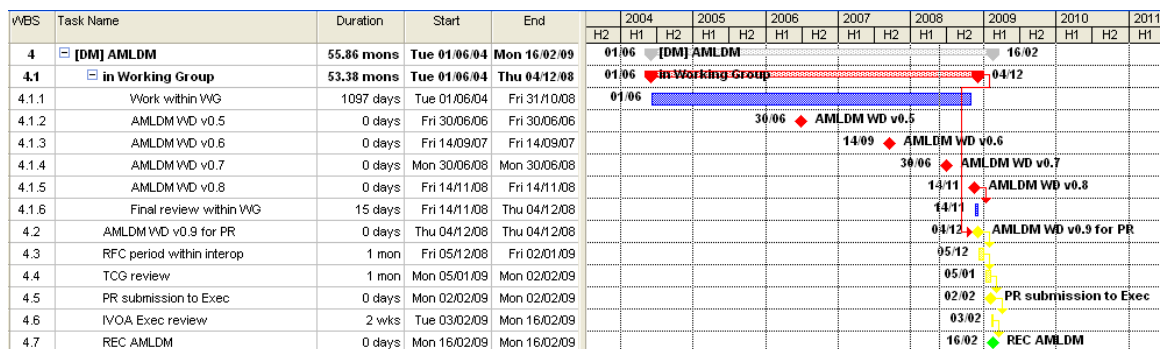
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Aug-07	DAL	Simple Image Access V1.0	WD	Tody, Plante
Sep-07	DAL	Spectral Line Access V1.0	PR	Salgado, Osuna
Apr-08	DAL	Simple Image Access V2.0	WD	Tody, Bonnarel
Dec-08	DAL	Table Access Protocol	inWG	Noddle, Osuna, Tody
Dec-08	DAL	SIA-Level2 (cubes etc)	inWG	Tody, Bonnarel
?????	DAL	Simple Spectral Access V1.1	PR	Tody, Dolensky

[More inputs required from KN]

2.4 Data Model WG

The schedules for the DM standards being worked on within the WG are the following:



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WBS	Task Name	Duration	Start	End	2006		2007		2008		2009		2010		2011	
					H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	
6	[DM] Provenance	16.62 mons	Thu 15/05/08	Tue 15/09/09					15/05	[DM] Provenance	15/09					
6.1	in Working Group	14.14 mons	Thu 15/05/08	Fri 03/07/09					15/05	in Working Group	03/07					
6.1.1	Work within WG	272 days	Thu 15/05/08	Fri 29/05/09					15/05							
6.1.2	Provenance WD v0.1	0 days	Wed 15/10/08	Wed 15/10/08					15/10	Provenance WD v0.1						
6.1.3	Provenance WD v0.2	0 days	Fri 01/05/09	Fri 01/05/09					01/05	Provenance WD v0.2						
6.1.4	Final review within WG	25 days	Mon 01/06/09	Fri 03/07/09					01/06							
6.2	Provenance for PR	0 days	Fri 03/07/09	Fri 03/07/09					03/07	Provenance for PR						
6.3	RFC period within interop	1 mon	Mon 06/07/09	Mon 03/08/09					06/07							
6.4	TCG review	1 mon	Tue 04/08/09	Tue 01/09/09					04/08							
6.5	PR submission to Exec	0 days	Tue 01/09/09	Tue 01/09/09					01/09	PR submission to Exec						
6.6	IVOA Exec review	2 wks	Wed 02/09/09	Tue 15/09/09					02/09							
6.7	REC Provenance	0 days	Tue 15/09/09	Tue 15/09/09					15/09	REC Provenance						

WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010		2011	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2		
7	[DM] PhotDM	16.62 mons	Thu 15/05/08	Tue 15/09/09					15/05	[DM] PhotDM	15/09							
7.1	in Working Group	14.14 mons	Thu 15/05/08	Fri 03/07/09					15/05	in Working Group	03/07							
7.1.1	Work within WG	272 days	Thu 15/05/08	Fri 29/05/09					15/05									
7.1.2	PhotDM WD v0.1	0 days	Wed 15/10/08	Wed 15/10/08					15/10	PhotDM WD v0.1								
7.1.3	PhotDM WD v0.2	0 days	Fri 01/05/09	Fri 01/05/09					01/05	PhotDM WD v0.2								
7.1.4	Final review within WG	25 days	Mon 01/06/09	Fri 03/07/09					01/06									
7.2	PhotDM for PR	0 days	Fri 03/07/09	Fri 03/07/09					03/07	PhotDM for PR								
7.3	RFC period within interop	1 mon	Mon 06/07/09	Mon 03/08/09					06/07									
7.4	TCG review	1 mon	Tue 04/08/09	Tue 01/09/09					04/08									
7.5	PR submission to Exec	0 days	Tue 01/09/09	Tue 01/09/09					01/09	PR submission to Exec								
7.6	IVOA Exec review	2 wks	Wed 02/09/09	Tue 15/09/09					02/09									
7.7	REC PhotDM	0 days	Tue 15/09/09	Tue 15/09/09					15/09	REC PhotDM								

[More inputs required from Mireille Louys]

- update of CharDM ?
- (UTYPES and UNITS have been flagged as a Topics for section 3)
- More ?

2.5 Grid and Web Services WG

The schedules for the GWS standards being worked on within the WG are the following:

WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2		
9	[GWS] VOSpace v1.1	12.43 mons	Mon 01/10/07	Tue 30/09/08					01/10	[GWS] VOSpace v1.1	30/09					
9.1	in Working Group	9.95 mons	Mon 01/10/07	Fri 18/07/08					01/10	in Working Group	18/07					
9.1.1	Work within WG	195 days	Mon 01/10/07	Mon 30/06/08					01/10							
9.1.2	VOSpace v1.1 WD	0 days	Tue 11/03/08	Tue 11/03/08					11/03	VOSpace v1.1 WD						
9.1.3	VOSpace v1.1 WD	0 days	Tue 01/07/08	Tue 01/07/08					01/07	VOSpace v1.1 WD						
9.1.4	Final review within WG	14 days	Tue 01/07/08	Fri 18/07/08					01/07							
9.2	VOSpace v1.1 for PR	0 days	Fri 18/07/08	Fri 18/07/08					18/07	VOSpace v1.1 for PR						
9.3	RFC period within interop	1 mon	Mon 21/07/08	Mon 18/08/08					21/07							
9.4	TCG review	1 mon	Tue 19/08/08	Tue 16/09/08					19/08							
9.5	PR submission to Exec	0 days	Tue 16/09/08	Tue 16/09/08					16/09	PR submission to Exec						
9.6	IVOA Exec review	2 wks	Wed 17/09/08	Tue 30/09/08					17/09							
9.7	REC VOSpace v1.1	0 days	Tue 30/09/08	Tue 30/09/08					30/09	REC VOSpace v1.1						

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WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
10	[GWS] VOSI	11.76 mons	Mon 01/10/07	Wed 10/09/08							01/10	[GWS] VO	10/09			
10.1	in Working Group	9.29 mons	Mon 01/10/07	Mon 30/06/08							01/10	In Work	30/06			
10.1.1	Work within WG	195 days	Mon 01/10/07	Mon 30/06/08							01/10					
10.1.2	VOSI WD	0 days	Tue 11/03/08	Tue 11/03/08							11/03	VOSI WD				
10.1.3	Final review within WG	14 days	Wed 26/03/08	Mon 14/04/08							26/03					
10.2	VOSI for PR	0 days	Mon 30/06/08	Mon 30/06/08							30/06	VOSI for PR				
10.3	RFC period within interop	1 mon	Tue 01/07/08	Tue 29/07/08							01/07					
10.4	TCG review	1 mon	Wed 30/07/08	Wed 27/08/08							30/07					
10.5	PR submission to Exec	0 days	Wed 27/08/08	Wed 27/08/08							27/08	PR submission to Exec				
10.6	IVOA Exec review	2 wks	Thu 28/08/08	Wed 10/09/08							28/08					
10.7	REC VOSI	0 days	Wed 10/09/08	Wed 10/09/08							10/09	REC VOSI				

[More inputs required from Matthew Graham]

- VO Basic Profile ?
- SSO ? Security ?
- UWS ?
- More ?

2.6 Registry WG

The standards being worked at are the following:

Jun-08	Registry	Registry Interfaces v1.01	PR	Benson, Plante
Jun-08	Registry	VODataService Extension Schema v1.00	WD	Plante, Stebe
Jun-08	Registry	Outreach Imagery Metadata v1.0	WD	Hurt, Hanisch, Plante
Jun-08	Registry	VOApplications Extension Schema v1.0	WD	Harrison
Jun-08	Registry	VOStandard Extension Schema	WD	Plante
Jul-08	Registry	SIA/SCS Extended Resource Metadata	WD	Plante
Oct-08	Registry	Outreach Imagery Metadata v1.0	PR	Hurt, Hanisch, Plante

The schedules for the DM standards being worked on within the WG are the following:

WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2		
11	[Registry] Registry Interface	13.1 mons	Mon 03/09/07	Mon 22/09/08							03/09	[Registry] I	22/09			
11.1	in Working Group	10.62 mons	Mon 03/09/07	Thu 10/07/08							03/09	In Work	10/07			
11.1.1	Work within WG	194 days	Mon 03/09/07	Fri 30/05/08							03/09					
11.1.2	Registry Interface 1.0 WD	0 days	Tue 01/01/08	Tue 01/01/08							01/01	Registry Interface 1.0 WD				
11.1.3	Registry Interface 1.0 WD	0 days	Tue 10/06/08	Tue 10/06/08							10/06	Registry Interface 1.0 WD				
11.1.4	Final review within WG	23 days	Tue 10/06/08	Thu 10/07/08							10/06					
11.2	Registry Interface WD for PR	0 days	Thu 10/07/08	Thu 10/07/08							10/07	Registry Interface WD for PR				
11.3	RFC period within interop	1 mon	Fri 11/07/08	Fri 08/08/08							11/07					
11.4	TCG review	1 mon	Mon 11/08/08	Mon 08/09/08							11/08					
11.5	PR submission to Exec	0 days	Mon 08/09/08	Mon 08/09/08							08/09	PR submission to Exec				
11.6	IVOA Exec review	2 wks	Tue 09/09/08	Mon 22/09/08							09/09					
11.7	REC Registry Interface	0 days	Mon 22/09/08	Mon 22/09/08							22/09	REC Registry Interface				

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WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
12	[Registry] VODataService	14.9 mons	Mon 03/09/07	Thu 13/11/08							03/09	[Registry] VO		13/11		
12.1	in Working Group	12.43 mons	Mon 03/09/07	Tue 02/09/08							03/09	in Working Group		02/09		
12.1.1	Work within WG	238 days	Mon 03/09/07	Thu 31/07/08							03/09					
12.1.2	VODataService 1.0 WD	0 days	Tue 15/07/08	Tue 15/07/08							15/07					
12.1.3	Final review within WG	23 days	Fri 01/08/08	Tue 02/09/08							01/08					
12.2	VODataService WD for PR	0 days	Tue 02/09/08	Tue 02/09/08							02/09					
12.3	RFC period within interop	1 mon	Wed 03/09/08	Wed 01/10/08							03/09					
12.4	TCG review	1 mon	Thu 02/10/08	Thu 30/10/08							02/10					
12.5	PR submission to Exec	0 days	Thu 30/10/08	Thu 30/10/08							30/10					
12.6	IVOA Exec review	2 wks	Fri 31/10/08	Thu 13/11/08							31/10					
12.7	REC VODataService	0 days	Thu 13/11/08	Thu 13/11/08							13/11					

WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
13	[Registry] VOStandard	15.9 mons	Mon 03/09/07	Fri 12/12/08							03/09	[Registry] VO		12/12		
13.1	in Working Group	13.43 mons	Mon 03/09/07	Wed 01/10/08							03/09	in Working Group		01/10		
13.1.1	Work within WG	258 days	Mon 03/09/07	Fri 29/08/08							03/09					
13.1.2	VODataService WD	0 days	Fri 01/08/08	Fri 01/08/08							01/08					
13.1.3	Final review within WG	23 days	Mon 01/09/08	Wed 01/10/08							01/09					
13.2	VOStandard WD for PR	0 days	Wed 01/10/08	Wed 01/10/08							01/10					
13.3	RFC period within interop	1 mon	Thu 02/10/08	Thu 30/10/08							02/10					
13.4	TCG review	1 mon	Fri 31/10/08	Fri 28/11/08							31/10					
13.5	PR submission to Exec	0 days	Fri 28/11/08	Fri 28/11/08							28/11					
13.6	IVOA Exec review	2 wks	Mon 01/12/08	Fri 12/12/08							01/12					
13.7	REC VOStandard	0 days	Fri 12/12/08	Fri 12/12/08							12/12					

[More inputs required from Ray Plante]

- AVM – Astronomical Visualization Metadata ?
- More standards to come ?

2.7 Semantics WG

As the astronomical information processed within the VO becomes more complex, there is an increasing need for a more formal means of identifying quantities, concepts, and processes. The Semantics WG has proposed that the IVOA adopt a standard format for vocabularies based on the W3C's Resource Description Framework (RDF) and Simple Knowledge Organisation System (SKOS). By adopting a standard and simple format, different groups will be able to create and maintain their own specialised vocabularies while letting the rest of the astronomical community access, use, and combine them. The use of current, open standards ensures that VO applications will be able to tap into resources of the growing semantic web.

The schedule for the VO-Vocabularies Recommendation process is the following:

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WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
9	[Semantics] VO-Vocabularies	34.52 mons	Mon 03/10/05	Tue 02/09/08							03/10				02/09	
9.1	in Working Group	32.05 mons	Mon 03/10/05	Fri 20/06/08							03/10				20/06	
9.1.1	Work within WG	636 days	Mon 03/10/05	Wed 30/04/08							03/10					
9.1.2	Vocabularies WD v1.0	0 days	Thu 20/03/08	Thu 20/03/08							20/03				Vocabularies WD v1.0	
9.1.3	Vocabularies WD v1.1	0 days	Fri 30/05/08	Fri 30/05/08							30/05				Vocabularies WD v1.1	
9.1.4	Final review within WG	16 days	Fri 30/05/08	Fri 20/06/08							30/05					
9.2	VO-Vocabularies for PR	0 days	Fri 20/06/08	Fri 20/06/08							20/06				VO-Vocabularies for PR	
9.3	RFC period within interop	1 mon	Mon 23/06/08	Mon 21/07/08							23/06					
9.4	TCG review	1 mon	Tue 22/07/08	Tue 19/08/08							22/07					
9.5	PR submission to Exec	0 days	Tue 19/08/08	Tue 19/08/08							19/08				PR submission to Exec	
9.6	IVOA Exec review	2 wks	Wed 20/08/08	Tue 02/09/08							20/08					
9.7	REC VO-Vocabularies	0 days	Tue 02/09/08	Tue 02/09/08							02/09				REC VO-Vocabularies	

[More inputs required from Andrea Preite Martinez, Sebastien Derriere]

- new UCD words : road to PR ?
- more ?

2.8 VOEvent WG

The schedule for VOEvent 2.0 is the following:

WBS	Task Name	Duration	Start	End	2007				2008				2009																						
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4																		
11	[VOEvent] VOEvent2.0	15 mons	Mon 03/09/07	Mon 17/11/08															03/09															17/11	
11.1	in Working Group	12.52 mons	Mon 03/09/07	Thu 04/09/08																03/09															04/09
11.1.1	Work within WG	238 days	Mon 03/09/07	Thu 31/07/08																03/09															
11.1.2	VOEvent 2.0 WD	0 days	Tue 01/07/08	Tue 01/07/08																															01/07
11.1.3	Final review within VOEvent WG	25 days	Fri 01/08/08	Thu 04/09/08																															01/08
11.2	VOEvent 2.0 WD for PR	0 days	Thu 04/09/08	Thu 04/09/08																															04/09
11.3	RFC period within interop	1 mon	Fri 05/09/08	Fri 03/10/08																															05/09
11.4	TCG review	1 mon	Mon 06/10/08	Mon 03/11/08																															06/10
11.5	PR submission to Exec	0 days	Mon 03/11/08	Mon 03/11/08																															03/11
11.6	IVOA Exec review	2 wks	Tue 04/11/08	Mon 17/11/08																															04/11
11.7	REC VOEvent2.0	0 days	Mon 17/11/08	Mon 17/11/08																															17/11

[More inputs required from Roy Williams, Rob Seaman]

- VOEvent vocabulary ?
- Registry extension for VOEvent ?
- More ?

2.9 VOQL WG

The schedule for the ADQL Recommendation process is the following:

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WBS	Task Name	Duration	Start	End	2005	2006		2007		2008		2009		2010		2011
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	
17	[VOQL] ADQL	22.14 mons	Mon 02/10/06	Mon 28/07/08						02/10			28/07			
17.1	in Working Group	19.14 mons	Mon 02/10/06	Wed 30/04/08						02/10			30/04			
17.1.1	Work within VOQL-TEG	376 days	Mon 02/10/06	Mon 24/03/08						02/10						
17.1.2	ADQL WD 1.5	0 days	Mon 03/09/07	Mon 03/09/07						03/09						
17.1.3	ADQL WD 1.5	0 days	Tue 18/09/07	Tue 18/09/07						18/09						
17.1.4	ADQL WD 1.5	0 days	Tue 25/03/08	Tue 25/03/08						25/03						
17.1.5	Final review within VOQL WG	25 days	Wed 26/03/08	Wed 30/04/08						26/03						
17.2	ADQL WD 2.0 for PR	0 days	Wed 30/04/08	Wed 30/04/08						30/04						
17.3	RFC period within interop	1 mon	Thu 01/05/08	Thu 29/05/08						01/05						
17.4	ADQL WD 2.0 updated after RFC	0 days	Mon 16/06/08	Mon 16/06/08						16/06						
17.5	TCG review	1 mon	Mon 16/06/08	Mon 14/07/08						16/06						
17.6	PR submission to Exec	0 days	Mon 14/07/08	Mon 14/07/08						14/07						
17.7	IVOA Exec review	2 wks	Tue 15/07/08	Mon 28/07/08						15/07						
17.8	REC ADQL	0 days	Mon 28/07/08	Mon 28/07/08						28/07						

[More inputs required from Pedro Osuna]

- ADQL examples as a separated document ?
- More ?

2.10 VOTable

The standards being worked at are the following:

Oct-08 Table

VOTable V1.2

REC

Ochsenbein

[More inputs required from FO]

- VOTABLE 1.2 to RFC in September
- More ?

2.11 Standards and Processes Committee

The schedule for the IVOA Document Standards v1.1 Recommendation process is the following:

WBS	Task Name	Duration	Start	End	2005		2006		2007		2008		2009		2010		2011	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
10	[Stds&Process] IVOA Doc. Std	22.05 mons	Thu 01/11/07	Tue 11/08/09							01/11							
10.1	in Standing Committee	19.57 mons	Thu 01/11/07	Fri 29/05/09							01/11							
10.1.1	Work within Committee	411 days	Thu 01/11/07	Fri 29/05/09							01/11							
10.1.2	IVOA Doc. Std v1.1	0 days	Wed 16/01/08	Wed 16/01/08							16/01							
10.1.3	IVOA Doc. Std v1.1	0 days	Tue 04/03/08	Tue 04/03/08							04/03							
10.2	IVOA Doc. Std v1.1 for PR	0 days	Fri 29/05/09	Fri 29/05/09														
10.3	RFC period within interop	1 mon	Mon 01/06/09	Mon 29/06/09														
10.4	TCG review	1 mon	Tue 30/06/09	Tue 28/07/09														
10.5	PR submission to Exec	0 days	Tue 28/07/09	Tue 28/07/09														
10.6	IVOA Exec review	2 wks	Wed 29/07/09	Tue 11/08/09														
10.7	REC IVOA Doc. Std v1.1	0 days	Tue 11/08/09	Tue 11/08/09														

2.12 Astro-RG IG

The charter for the Astro-RG IG has been recently drafted and should be finalized soon in 2008.

[More inputs required from MO]

- updated text from Masatoshi ?
- astro-RG upcoming events
- more ?

2.13 Data Curation and Preservation IG

The Data Curation and Preservation Interest Group intends to prepare a white paper describing the possible roles of the IVOA and its member projects in data curation and preservation initiatives. We intend to discuss the contents of the white paper in more detail at the May 2008 Interop in Trieste. We will also discuss DC&P efforts that are in progress in astronomy and related fields and how national and international standards efforts such as TRAC impact VO data providers.

2.14 Theory IG

The Theory IG is planning to bring forward two standards through the relevant WG.

The schedule for the SimDAP and SimDB are the following:

The IVOA in 2008: Assessment and Future Roadmap

wBS	Task Name	Duration	Start	End	2005	2006		2007		2008		2009		2010	
					H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	
5	[TBD] SimDB	40.81 mons	Mon 03/04/06	Tue 11/08/09											
5.1	in Theory Interest Group	26.95 mons	Mon 03/04/06	Tue 01/07/08											
5.1.1	Discussion about SNAP	503 days	Mon 03/04/06	Tue 01/04/08											
5.1.2	Split SNAP into SimDB, SimDAP	0 mons	Tue 01/04/08	Tue 01/04/08											
5.1.3	Define PR track and tiger team for SimDB	0 days	Tue 01/07/08	Tue 01/07/08											
5.1.4	SimDB v0.1 Technical Note	0 days	Tue 01/07/08	Tue 01/07/08											
5.2	in Working Group	11.38 mons	Tue 01/07/08	Fri 29/05/09											
5.2.1	Work within WG	239 days	Tue 01/07/08	Fri 29/05/09											
5.2.2	SimDB v0.5 WD	0 days	Sat 01/11/08	Sat 01/11/08											
5.3	RFC period within interop	1 mon	Mon 01/06/09	Mon 29/06/09											
5.4	TCG review	1 mon	Tue 30/06/09	Tue 28/07/09											
5.5	PR submission to Exec	0 days	Tue 28/07/09	Tue 28/07/09											
5.6	IVOA Exec review	2 wks	Wed 29/07/09	Tue 11/08/09											
5.7	REC SimDB	0 days	Tue 11/08/09	Tue 11/08/09											
5.8	[DAL] SimDAP	40.81 mons	Mon 03/04/06	Tue 11/08/09											
5.8.1	in Theory Interest Group	26.95 mons	Mon 03/04/06	Tue 01/07/08											
5.8.1.1	Discussion about SNAP	503 days	Mon 03/04/06	Tue 01/04/08											
5.8.1.2	Split SNAP into SimDB, SimDAP	0 mons	Tue 01/04/08	Tue 01/04/08											
5.8.1.3	SimDAP v0.1 Technical Note	0 days	Tue 01/07/08	Tue 01/07/08											
5.8.2	in Working Group	11.38 mons	Tue 01/07/08	Fri 29/05/09											
5.8.2.1	Work within WG	239 days	Tue 01/07/08	Fri 29/05/09											
5.8.2.2	SimDAP v0.5 WD	0 days	Sat 01/11/08	Sat 01/11/08											
5.8.3	RFC period within interop	1 mon	Mon 01/06/09	Mon 29/06/09											
5.8.4	TCG review	1 mon	Tue 30/06/09	Tue 28/07/09											
5.8.5	PR submission to Exec	0 days	Tue 28/07/09	Tue 28/07/09											
5.8.6	IVOA Exec review	2 wks	Wed 29/07/09	Tue 11/08/09											
5.8.7	REC SimDAP	0 days	Tue 11/08/09	Tue 11/08/09											

[More inputs required from GL, in particular on list on standards worked on and their interface with the relevant WG (eg DM, DAL, Registry)]

3 Potential discussions required across WGs/IGs

The topics that can go into that section are currently under discussion at :

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

WG/IG chairs and vice-chairs should indicate there the topics for discussion within the TCG for the upcoming year, and / or co-sponsor some of existing topics,. We shall then decide which topics to include in this section.

References

[1] C.Arviset, R.Williams, *Charter for the IVOA TCG*
[to be released]

[2] IVOA TCG web pages
<http://www.ivoa.net/cgi-bin/twiki/bin/view/IVOA/IvoaTCG>

[3] R. Hanisch, *IVOA Document Standards Process*,
<http://www.ivoa.net/Documents/REC/DocStandard/DocumentStandards-20080304.html>

Annex A: List of already existing IVOA standards

For global reference, here is the list in chronological order of all existing RECOMMENDED IVOA standards.

More details can be found on the IVOA Document pages at:

<http://www.ivoa.net/Documents/>

Standards	WG	Date	Comments
IVOA Document Standards v1.0	Standards & Process Committee	Oct. 2003	Being updated in 2008
VOTable v1.10 VOTable Format Definition	VOTable	August 2004	
UCD v1.10 An IVOA Standard for Unified Content Descriptors	Semantics	August 2005	
Maintenance of the list of UCD words v1.20	Semantics	May 2006	
VOEvent v1.11 Sky Event Reporting Metadata	VOEvent	Nov. 2006	
IVOA Identifiers v1.12	Registry	March 2007	
Resource Metadata for the Virtual Observatory v1.12	Registry	March 2007	
UCD 1+ v1.23 The UCD1+ controlled vocabulary	Semantics	April 2007	