



Documents XML Schema Templates Docs Submission

On this page: Technical Specifications Notes Promotion process Submission Log

Technical Specifications

DAL	Simple Image Access	1.01			1.01	1.00													
	Simple Spectral Access				1.04	1.03	1.02	1.01	1.01	1.00									
DaM	Space-Time Coordinate Metadata for the Virtual Observatory (STC)	1.33			1.33	1.31	1.30	1.21	1.20	1.10		1.00							
	Data Model for Astronomical DataSet Characterisation	1.13			1.13	1.12	1.12	1.11	1.10	1.00									
	IVOA Spectral Data Model	1.03			1.03	1.02	1.01	1.01	1.01	1.00									
GWS	IVOA Single-Sign-On Profile: Authentication Mechanisms	1.01			1.01	1.01	1.00	1.00											
	VOSpace service specification	1.02	1.14	RFC	1.14	1.13	1.12	1.12	1.11	1.10	1.02	1.02	1.01	1.00	1.00				
	IVOA Credential Delegation Protocol	1.01			1.01	1.01	1.00												
	IVOA support interfaces	1.00			1.00														
	IVOA Web Service Basic Profile	1.00			1.00														
ReR	IVOA Identifiers	1.12			1.12	1.11	1.10	1.10	1.10	1.00									
	IVOA Registry Interfaces	1.01			1.01	1.00													
	Resource Metadata for the Virtual Observatory	1.12			1.12	1.12	1.10	1.10	1.01	1.01	1.00	1.00							
	VOResource: an XML Encoding Schema for Resource Metadata	1.03			1.03	1.02	1.02	1.01	1.00										
Semantics	An IVOA standard for Unified Content Descriptors	1.10			1.10	1.10	1.10	1.06	1.05	1.03									
	UCD1+ Controlled Vocabulary	1.23			1.23	1.22	1.21	1.20	1.20	1.11	1.11	1.10	1.02	1.00					
	Maintenance of the list of UCD words	1.20			1.20	1.20	1.10	1.00											
	Vocabularies in the Virtual Observatory	1.16			1.16	1.15	1.13	1.00											
	IVOA Document Standards	1.00	1.10	RFC	1.10	1.10	1.00	1.00	1.00										
VOE	Sky Event Reporting Metadata (VOEvent)	1.11			1.11	1.11	1.10	1.01											
VQL	IVOA Astronomical Data Query Language	2.00			2.00	2.00	2.00	1.01	1.00										
VOT	IVOA SkyNode Interface	1.01			1.01	1.00													
	VOTable Format Specification	1.10	1.20		1.20	1.10	1.00												

Maturity level:

Recommendation

Proposed Recommendation

Working Draft

Most stable:

New systems should be developed against this version with the highest maturity level.

In progress:

Indicates (if any) a new version of the document under development (but with a lower maturity level than its predecessor) and a link to the relevant Request For Comments

Group:

AppsApplications WG

DALData Access Layer WG

DaMData Modeling WG

GWSGrid & Web Services WG

ReRResource Registry WG

SemanticsSemantics WG

SDPStandards & Documents Process

Maturity level: Recommendation Proposed Recommendation Working Draft

Most stable: New systems should be developed against this version with the highest maturity level.

In progress: Indicates (if any) a new version of the document under development (but with a lower maturity level than its predecessor) and a link to the relevant Request For Comments (RFC).

Group: AppsApplications WG DALData Access Layer WG DaMData Modeling WG GWSGrid & Web Services WG ReRResource Registry WG SemanticsSemantics WG SDPStandards & Documents Process WG VOEVO Event WG VOTVOTable WG VQLVO Query Language WG n.a.not applicable

Notes

Title	Latest Version
IVOA Procedures	
Guidelines for Participation	1.00
Software Licensing Guidelines	1.00
Document Standards Management: Guidelines and Procedures	1.00
General	
The IVOA in 2008: Assessment and Future Roadmap	1.00
Charter for the IVOA Technical Coordination Group	1.00
The IVOA in 2007: Assessment and Future Roadmap	1.00
The IVOA in 2006: Assessment and Future Roadmap	1.00
The IVOA in 2005: Assessment and Future Roadmap	1.00
Report to the 24th CODATA General Assembly on data activities in the IAU	1.00
Management, Storage, and Utilization of Astronomical Data in the 21st Century	1.00
Virtual Observatory Architecture Overview	1.00
Technical	
Enabling a robust VOSpace for VO tools and services	1.10
S3: Proposal for a simple protocol to handle theoretical data (microsimulations)	1.00
Ontology of Astronomical Object Types Use Cases	1.00
Ontology of Astronomical Object Types	1.10
Referencing STC in VOTable	1.01
An encoding system to represent stellar spectral classes in archival databases and catalogs	1.02
Proposal for a Simulation Database Standard	1.00
A Proposal for Digital Signatures in VOEvent Messages	1.10
Space-Time Coordinate (STC) Metadata Model	1.31
Introduction to CEA and UWS	1.00
An RDF version of the VO Registry	1.00
Implementations of the Characterisation Data Model	1.12
Footprint Overlay Specification	1.01
The Registry of Registries	1.00
Utype list for the Characterisation Data Model	1.11
Astronomical Keywords in the era of the Virtual Observatory	1.00
UTypes and URIs	1.00
UWS recast as a REST protocol	1.00
PLASTIC - a protocol for desktop application interoperability	1.00
Ontology of astronomical object types ⁽¹⁾	1.00
Astronomical Outreach Imagery Metadata Tags for the Virtual Observatory	1.00
Ranking Query Result Sets	1.00
Design and Implementation of the AstroGrid Workflow system	1.00
Data Model for Astronomical DataSet Characterisation	1.00
Single-Sign-On Authentication for the IVO: introduction and description of principles	1.00
A Proposal for a Common Execution Architecture	1.20
Data Model for Observation	1.00
DAL query Response with Extensions: Use cases and implementation rules. Example of SIAP	1.00
STC-X	1.00
STC-S	1.30
Data Model serialisation in VOTable	1.00
Proposal for an evolution of the SIA protocol	1.00
Simple Spectral Access for ISO data	1.00
Lessons Learned Using the VOResource XML Schemas in the NVO	1.00

(1) Note has been superseded by a Working Draft

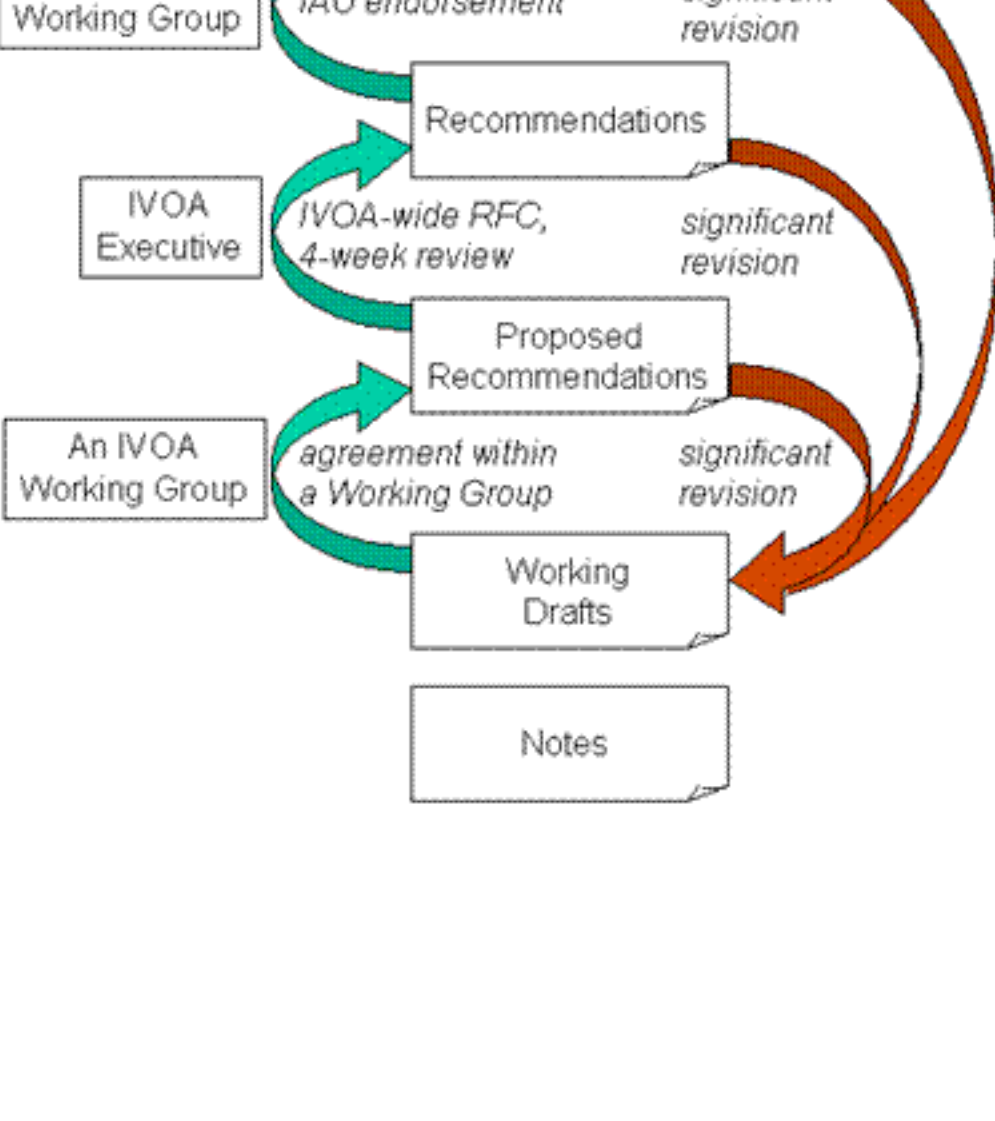
Document promotion process summary

Here is a summary of the document promotion process as described in IVOA Document Standards recommendation. The role of the Technical Coordination Group in this process is being discussed and is available in the latest version.

- Working Group prepares Working Draft (version ≥1.0) and submits to Document Coordinator for posting in the IVOA document collection.
- Working Group reviews the Working Draft. Two reference implementations of any associated software are recommended.
- The Chair of the Working Group, with consent of the WG, promotes the document to a Proposed Recommendation and submits it to the Document Coordinator for posting in the IVOA document collection.
- The Chair of the Working Group issues a formal Request for Comments (RFC) to the e-mail distribution list interop@ivoa.net. The RFC and all comments must be logged on a TWiki page whose URL is given in the RFC. A minimum comment period of 4 weeks must be allowed.
- The Working Group Chair responds to comments on the TWiki page. If comments lead to significant changes to the document, the status reverts to Working Draft (back to Step 1).
- If comments are addressed to the satisfaction of the WG Chair and WG members, the WG Chair requests the IVOA Chair to submit it to the Executive Committee for approval.
- The Executive Committee is polled by the IVOA Chair to ascertain if there is consensus for promotion to Recommendation.
- If yes, the IVOA Chair reports on approval to the WG Chair and asks the Document Coordinator to update the document status to Recommendation. If no, the concerns of the IVOA Executive need to be resolved and a new poll taken, or if serious revisions are required, the document would revert to Step 1.
- The IVOA Executive may propose to the IAU Commission 5 that IVOA Recommendations be endorsed as IAU Standards.

More info about the *Standard Document Process* can be found in the *Guidelines and Procedures for IVOA Document Standards Management* note.

IVOA Document Standards Process



Submission Log

2008-11-24	ObjectOntology-20081124	1.00	Francisco Ochsenbein	Semantics	published
2008-10-23	AstrObjectOntology-20080716	1.10	Alexandre Richard	Semantics	updated
2008-10-20	VOTableSTC-20080918	1.01	François Ochsenbein	VOT	updated
2008-10-14	SpectClasses-20081001	1.02	Myron Smith	Semantics	updated
2008-10-14	VOSpace-20081013	1.14	Matthew Graham	GWS	updated
2008-10-14	VOSpace-20081012	1.13	Matthew Graham	GWS	updated
2008-09-30	RegistryInterface-20080929	1.01	Ray Plante	ReR	WD to PR
2008-09-30	VOSpace-20080929	1.12	Matthew Graham	GWS	WD to PR
2008-09-26	CredentialDelegation-20080923	1.01	Matthew Graham	GWS	WD to PR
2008-09-18	WSBasicProfile-20080916	1.00	Matthew Graham	GWS	published
2008-09-17	VOSpace-20080916	1.12	Matthew Graham	GWS	updated
2008-09-17	VOTableSTC-20080910	1.00	François Ochsenbein	VOT	published
2008-09-17	VOTable-20080914	1.20	François Ochsenbein	VOT	published
2008-09-16	VOSpace-20080915	1.11	Matthew Graham	GWS	updated
2008-09-16	CredentialDelegation-20080915	1.01	Matthew Graham	SDP	updated
2008-09-11	DocStd-20080915	1.10	F. Genova	SDP	WD to PR
2008-09-12	Vocabularies-20080912	1.15	Norman Gray	Semantics	updated
2008-08-18	IVOARoadMap-2008-20080807	1.00	Christophe Ariset	N/A	published
2008-08-18	TCG-Charter-20080807	1.00	Christophe Ariset	N/A	published
2008-07-29	Vocabularies-20080729	1.13	Norman Gray	Semantics	WD to PR
2008-07-17	CredentialDelegation-20080715	1.00	Matthew Graham	GWS	published
2008-07-14	SimDBTrack-20080711	1.00	Hervé Wozniak	Theory	published
2008-06-27	SAMP-20080625	1.00	Mark Taylor	App	published
2008-05-16	VOSpace-iRODS-20080514	1.00	André Schaaff	GWS	published
2008-05-15	VOEventDigISig-20080514	1.10	Robert B. Denny	N/A	updated
2008-05-14	SpectClasses-20080508	1.00	Myron Smith	Semantics	published
2008-04-30	ADQL-20080430	2.00	Pedro Osuna	VQL	WD to PR
2008-04-30	ADQL-20080325	2.00	Pedro Osuna	VQL	published
2008-03-19	vocabularies-20080320	1.00	Norman Gray	Semantics	published
2008-03-14	VOEventDigISig-20080313	1.00	Robert B. Denny	N/A	published
2008-03-11	VOSpace-20080311	1.10	Matthew Graham	GWS	published
2008-02-26	Footprint-20080215	1.01	F. Bonnarel	n/a	updated
2008-02-25	ConeSearch-20080222	1.03	R. Plante	DAL	PR to REC
2008-02-25	VOResource-20080222	1.03	R. Plante	ReR	PR to REC
2008-02-04	DocStd-20080206	1.10	R. Hanisch	SDP	published
2008-02-04	SSA-20080201	1.04	D. Tody	DAL	updated
2008-01-24	SSOAuthMech-20080124	1.01	Matthew Graham	GWS	PR to REC
2008-01-24	VOSpace-20080124	1.02	Matthew Graham	GWS	PR to REC
2007-12-20	SSA-20071220	1.03	D. Tody	DAL	PR to REC
2007-12-07	STC-Model-20071205	1.31	A. Rots	n/a	updated
2007-12-07	STC-S-20071205	1.30	A. Rots	n/a	updated
2007-11-09	CharacterisationDM-20071108	1.12	M. Louys	DM	PR to REC
2007-10-31	STC-Model-20071030	1.30	A. Rots	N/A	published
2007-10-31	STC-20071030	1.33	M. Louys	DM	PR to REC
2007-10-31	SpectrumDM-20071029	1.03	M. Louys	DM	PR to REC
2007-10-01	IntroductionCEA_UWS	1.00	Guy Rixon	n.a.	published
2007-10-02	IVOAroadMap-2007	1.00	Christophe Ariset	TCG	published
2007-09-24	RDFVORegistry-20070920	1.00	N. Gray	n.a.	published
2007-09-19	SSA-20070917	1.02	Doug Tody	DAL	updated
2007-09-19	ConeSearch-20070914	1.02	R. Plante	DAL	updated
2007-09-14	CharacterisationDM-20070914	1.12	M. Louys	DM	updated
2007-09-14	SpectrumDM-20070913	1.02	J. McDowell	DM	updated
2007-09-10	VOSpace-20070907	1.02	Matthew Graham	GWS	updated
2007-09-10	SSOAuthMech-20070904	1.01	Matthew Graham	GWS	updated
2007-08-16	ImplementationCharacterisation-20070813	1.12	M. Louys	n.a.	updated
2007-08-08	Footprint-20070709	1.00	F. Bonnarel	n/a	published
2007-07-24	VOSpace-20070723	1.01	Matthew Graham	GWS	updated
2007-07-12	SpectrumDM-20070711	1.01	J. McDowell	DM	updated
2007-07-05	RegistryOfRegistries-20070628	1.00	R. Plante	ReR	published
2007-07-05	VOResource-20061107	1.02	R. Plante	ReR	WD to PR
2007-07-05	ConeSearch-20070628	1.01	R. Plante	DAL	updated
2007-06-27	UtypeListCharacterisationDM-20070625	1.11	M. Louys	n.a.	published
2007-06-27	VOSpace-20070626	1.00	Matthew Graham	GWS	WD to PR
2007-06-27	SSOAuthMech-20070621	1.00	Matthew Graham	GWS	WD to PR
2007-06-20	STC-20070614	1.31	Arnold Rots	DaM	updated
2007-06-04	SSA-20070604	1.01	Doug Tody	DAL	WD to PR
2007-05-31	SSA-20070529	1.01	Doug Tody	DAL	updated
2007-05-30	CharacterisationDM-20070530	1.11	M. Louys	DM	WD to PR
2007-05-23	UtypeListCharacterisationDM-20070522	1.10	M. Louys	n.a.	updated
2007-05-23	ImplementationCharacterisation-20070522	1.11	M. Louys	n.a.	updated
2007-05-16	UtypeListCharacterisationDM-20070510	1.00	M. Louys	n.a.	published
2007-05-16	ImplementationCharacterisation-20070509	1.10	M. Louys	n.a.	published
2007-05-16	CharacterisationDM-20070509	1.10	M. Louys	DM	updated
2007-05-16	SSA-20070508	1.00	Doug Tody	DAL	published
2007-05-03	SpectrumDM-20070515	1.01	Jonathan McDowell	DaM	WD to PR
2007-05-03	SpectrumDM-20070502	1.01	Jonathan McDowell	DaM	updated
2007-05-03	AstroKeysTN-20070425	1.00	A. Preite Martinez	Semantics	published
2007-04-03	UCDlist-20070402	1.23	A. Preite Martinez	Semantics	PR to REC
2007-03-26	ConeSearch-20060908	1.00	Doug Tody	DAL	published
2007-03-23	UCDlist-20070323	1.22	A. Preite Martinez	Semantics	updated
2007-03-15	IDs-20070302	1.12	Ray Plante	ReR	PR to REC
2007-03-07	VOSpace-20070304	1.00	Guy Rixon	GWS	published
2007-03-05	STC-20070228	1.30	Arnold Rots	DaM	updated
2007-03-05	Utype-uri-20070302	1.00	Norman Gray	n.a.	published
2007-03-02	RM-20070302	1.12	Ray Plante	ReR	PR to REC
2007-02-26	UWS-REST-20070226.html	1.00	Guy Rixon	n.a.	published
2007-02-19	AstrObjectOntology-20070219	1.00	A. Preite Martinez	Semantics	published
2007-01-03	RM-20061212	1.12	Ray Plante	ReR	updated
2006-11-07	PlasticDesktopInterop-20060601	1.00	John Taylor	n.a.	published
2006-11-14	AstrObjectOntology-20061031	1.00	A. Preite Martinez	Semantics	published
2006-11-13	UCDlist-20061107	1.21	A. Preite Martinez	Semantics	updated
2006-11-13	VOEvent-20061101	1.11	Roy Williams	VOE	PR to REC
2006-11-07	VOResource-20061107	1.02	Ray Plante	ReR	updated
2006-11-07	RegistryInterface-20061107	1.00	Ray Plante	ReR	published
2006-10-24	SpectrumDM-20061024	1.00	Jonathan McDowell	DaM	published
2006-10-20	CharacterisationDM-20061020	1.00	Mireille Louys	DaM	published
2006-10-06	UCDlist-20061006	1.20	A. Preite Martinez	Semantics	WD to PR
2006-09-28	AOIMetadata-20060919	1.00	Robert Hanisch	n.a.	published
2006-09-06	UCDlist-20060906	1.20	A. Preite Martinez	Semantics	updated
2006-09-01	Ranking-20060901	1.	Markus Dolensky	n.a.	published
2006-08-31	IVOAParticipation-20060817	1.00	Bob Hanisch	n.a.	published
2006-08-31	IVOAclensing-20060707	1.00	Bob Hanisch	n.a.	published
2006-08-23	Identifiers-20060822	1.11	Ray Plante	ReR	updated
2006-08-11	VOEvent-20060810	1.11	Rob Seaman	VOEvent	updated
2006-06-29	VOEvent-20060629	1.10	Roy Williams	VOEvent	WD to PR
2006-06-28	VOResource-20060620	1.01	Ray Plante	ReR	updated
2006-06-06	IVOAroadMap-2006	1.00	Roy Williams	n.a.	published
2006-05-31	VOResource-20060530	1.00	Ray Plante	ReR	published
2006-05-28	UCDlistMaintenance-20060528	1.20	Masatoshi Ohishi	UCD	PR to REC
2006-05-22	SSOAuthMech-20060419	1.00	Guy Rixon	GWS	published
2006-04-19	UCDlist-20060402	1.10	A. Preite Martinez	UCD	updated
2006-04-13	UCDlistMaintenance-20060307	1.10	A. Preite Martinez	UCD	WD to PR
2006-02-28	DMAstroSD-20060228	1.00	François Bonnarel	n.a.	published
2006-02-27	AstrogirdWorkflow-20060227	1.00	Noel Winstanley	n.a.	published
2006-01-02	UCDlist-20051231	1.11	Masatoshi Ohishi	UCD	PR to REC
2005-11-22	UCDlist-20051109	1.11	A. Preite Martinez	UCD	updated
2005-11-15	RM-20051115	1.00	Tony Line	ReR	30dd RFC
2005-11-07	UCDlistMaintenance-20051107	1.00	A. Preite Martinez	UCD	published
2005-10-18	UCDlistMaintenance-20051018	1.00	A. Preite Martinez	n.a.	published
2005-10-13	UCDlist-20051011	1.10	A. Preite Martinez	UCD	updated
2005-10-02	SSOintro-20051002	1.00	Guy Rixon	n.a.	published
2005-09-12	UCD-20050812	1.10	Masatoshi Ohishi	UCD	PR to REC
2005-08-19	UCD-20050812	1.10	A. Preite Martinez	UCD	updated
2005-08-08	RoadMap-20050808	1.00	Roy Williams	n.a.	published
2005-07-19	UCD-20050714	1.10	Roy Williams	VOE	published
2005-07-18	UCD-20050707	1.00	A. Preite Martinez	n.a.	published
2005-07-12	UCDlist-20050712	1.02	A. Preite Martinez	UCD	WD to PR
2005-06-24	SKyNodeInterface-20050602	1.01	Masatoshi Ohishi	VQL	updated
2005-06-24	ADQL-20050602	1.01	Masatoshi Ohishi	VQL	updated
2005-06-23	RM-20050621	1.10	Marco Leoni	ReR	published
2005-06-02	SKyNodeInterface-20050602	1.00	Masatoshi Ohishi	VQL	published
2005-06-02	ADQL-20050602	1.00	Masatoshi Ohishi	VQL	published
2005-05-13	CEADesignVOANote-20050513	1.20	Paul Harrison	n.a.	published
2005-05-03	UCDlist-20050503	1.00	Sébastien Derrière	UCD	published
2005-04-21	DMObs-20050421	1.00	François Bonnarel	n.a.	published
2005-04-20	DalResp-20050420	1.00	François Bonnarel	n.a.	published
2005-03-15	STC-20050315	1.21	Arnold Rots	DaM	WD to PR
2005-03-15	S-20050315	1.00	Arnold Rots	DaM	dep v1.0
2005-03-14	STC-20050315	1.00	Arnold Rots	DaM	published
2005-03-03	Identifiers-20050302	1.10	Ray Plante	RR	updated
2005-03-01	LineaSTC-20050301	1.00	Arnold Rots	DaM	published
2005-02-25	STC-20050225	1.20	Arnold Rots	DaM	updated
2005-01-05	STC-20050105	1.10	Arnold Rots	DaM	updated
2004-10-26	UCD-20041026	1.06	Sébastien Derrière	UCD	updated
2004-08-23	UCD-20040823	1.05	Sébastien Derrière	UCD	published
2004-08-11	VOTable-20040811	1.10	Andy Lawrence	VOT	PR to REC
2004-07-26	STC-20040723	1.00	Arnold Rots	DaM	updated
2004-07-21	STC-20040721	1.00	Arnold Rots	DaM	published
2004-07-16	IEDDWhitePaper-20040315	1.00	Bob Hanisch	n.a.	published
2004-06-21	Observation-20040621	1.00	Ray Plante	RR	updated
2004-06-15	RM-20040615	1.10	Tony Line	ReR	published
2004-06-08	VOTable-20040608	1.10	François Ochsenbein	VOT	published
2004-05-24	Sia-20040524	1.00	Doug Tody	DAL	updated
2004-05-22	ModelVOTser-20040522	1.00	François Bonnarel	n.a.	published
2004-05-21	SlapEvolution1-20040521	1.00	François Bonnarel	n.a.	published
2004-05-21	UCD-20040521	1.03	Sébastien Derrière	UCD	published
2004-05-17	SpectrumAccessDimensionalEquation-20040521	1.00	Pedro Osuna	n.a.	published
2004-05-17	VOTable-1.1	1.10	François Ochsenbein	VOT	30dd v1.0
2004-05-17	VOTable-20040517	1.10	François Ochsenbein	VOT	dep RFC
2004-04-14	PossibleSlapExtension-20040514	1.00	Pedro Osuna	n.a.	published
2004-04-29	Procedures-20040425	1.00	Marco Leoni	SDP	published
2004-04-26	RM-20040426	1.01	Peter Quinn	ReR	PR to REC
2004-03-05	RMExperience-20040305	1.00	Ray Plante	n.a.	published
2004-03-05	VOEvent-20040305	1.00	Ray Plante	ReR	updated
2004-01-19	RM-20040119	1.10	Tony Line	ReR	WD to PR
2003-11-03	Hierarchies-20031031	1.00	Ray Plante	ReR	WD to PR