



IVOA Trieste Interop Closing Remarks

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Chair of the IVOA Executive Committee

IVOA Interop Meeting Closing Session
Trieste, Italy, 23/Oct/2016



Main highlights from this interop



1. Applications, applications and applications : 3 sessions !
2. There is no Gaia DR1 access without the VO !

Main highlights from this interop



1. A Who distributes the data?

2. T

<i>Official archive</i>	Gaia archive at ESAC	VOTable	TAP		SAMP
<i>Partner data centers</i>	AIP	VOTable			SAMP
	ARI	VOTable	TAP	CS	SAMP
	ASDC	VOTable			
	CDS	VOTable	TAP	CS	SAMP
<i>External data centers</i>	IRSA	VOTable	TAP	CS	
	GAVO	VOTable	TAP		

Main highlights from this interop



1. Applications, applications and applications : 3 sessions !
2. There is no Gaia DR1 access without the VO !
3. DM continues to be an hot topic : VO-DML, STC-2, Provenance
4. Changes ahead on the Registry and DAL (TAP, ADQL)
 - a. Hopefully evolution, not revolution ;-)
5. GWS : en-route towards Big Data...
6. VO Operations:
 - a. Validators -> service compliancy -> service improvements

Need to finalize IVOA standards



On-going Recommendations

Standard	RFC period	TCG Review	Exec Review
SimpleDALRegExt 1.1	2016-07-07 - 2016-08-31		
SSO 2.0	2015-11-01 - 2015-12-13		
VOSI 1.1	2016-04-15 - 2016-05-27		
ObsCore 1.1	2016-04-01 - 2016-05-15		
VTP 2.0	2016-05-31 - 2016-07-16		
SimDAL 1.0	2016-07-08 - 2016-08-22		
SODA 1.0	2016-10-12 - 2016-11-24		
VODML 1.0	2016-10-12 - 2016-11-23		
DocStd 2.0	2016-09-25 - 2016-11-05		

1. Many standards are closed to be finished, but the last mile seems to take long
2. Various of them are needed for the Science cases
3. Need to ensure their finalization in 2016 !!

My takes on upcoming IVOA challenges



1. **Vision** and **Agility** in IVOA processes

- Scientific vision for the IVOA
- Fast(er) timeline for IVOA standards



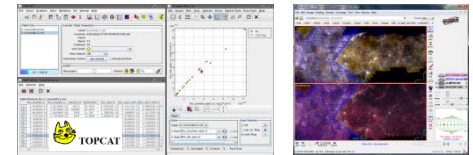
2. Facilitate **VO take up** and spreading in the data centres and big projects

- Engagement, make them *participants* not *customers* of the VO
- VO-compliant* and *VO-inside* architectures



3. Continue development of **VO applications**

- Enabling new science, using interoperable VO services
- VO libraries (closer link to AstroPy?)



4. VO Services **Operations**

- Reliability* of existing VO Ecosystem
- Compliancy* of VO services



Next Interops



1. Northern Spring 2017 – Shanghai, China
 - a. 14-19 May 2017

2. Southern Spring 2017, Santiago de Chile, Chile (after ADASS)
 - a. 27-29 Oct 2017

3. Northern Spring 2018, still TBC
 - a. Victoria, Canada ?
 - b. Boston, US ?



Welcome to the new IVOA Chair and IVOA vice Chair !



New IVOA Chair: Pepi Fabbiano, CfA



New IVOA vice-Chair: Mark Allen, CDS

Thanks to the organizers !



- Fabio for the overall organization
- The Secretariat: Laura and Federica from "The Office" company
- The LOC: Marco, Claudio, Giulia, Giuliano and Federico (jogging guide, network guru)
- The technical staff at the Stazione Marittima
- The funding agencies and sponsors



the metropolitan area network
(LightNet Consortium)





Thanks to all of you for your participation !