



IVOA November 2024 Interoperability Meeting
15-17 November 2024
La Valletta, Malta

TCG Summary



Marco Molinaro [INAF]

Tom Donaldson [MAST/STScI]



**L-Università
ta' Malta**

Technical Coordination Group (TCG)



TCG roles

- appointed by the IVOA Executive Committee
- nominal 3 years term
- 1 year possible extension

	Chair	Vice-Chair
TCG	Marco Molinaro	Tom Donaldson
Working Groups		
Applications	Pierre Le Sidaner	Adrian Damjanovic
Data Access Layer	Gregory Mantelet	Joshua D. Smith
Data Model	Mark Cresitello-Dittmar	Miguel Servillat
Grid and Web Services	Jesus Salgado	Elena Bertocco
Registry	Renaud Savalle	Tess Jaffe
Semantics	Baptiste Ceconi	Sebastien Derriere
Interest Groups		
Data Curation & Preservation	Gilles L. Hebrard	Gus Muench
Education	Shan Li	OPEN
Knowledge Discovery	Yihan Tao	OPEN
Operations	Steve Groom	Tamara Civera
Radio Astronomy	Mark Kettenis	Ricardo Rizzo
Solar System	Anne Raugh	Markus Demleitner
Time Domain	OPEN	Pierre Fernique
IVOA Committees		
Exec	Simon O'Toole	JJ Kavelaars
Science Priorities	Francesca Civano	Vandana Desai
Standard and Processes	Patrick Dowler	

Wait next presentation for updates!

REC

RegTAP-1.2

EN

UDFCatalogue-1.2

Architecture-2.1

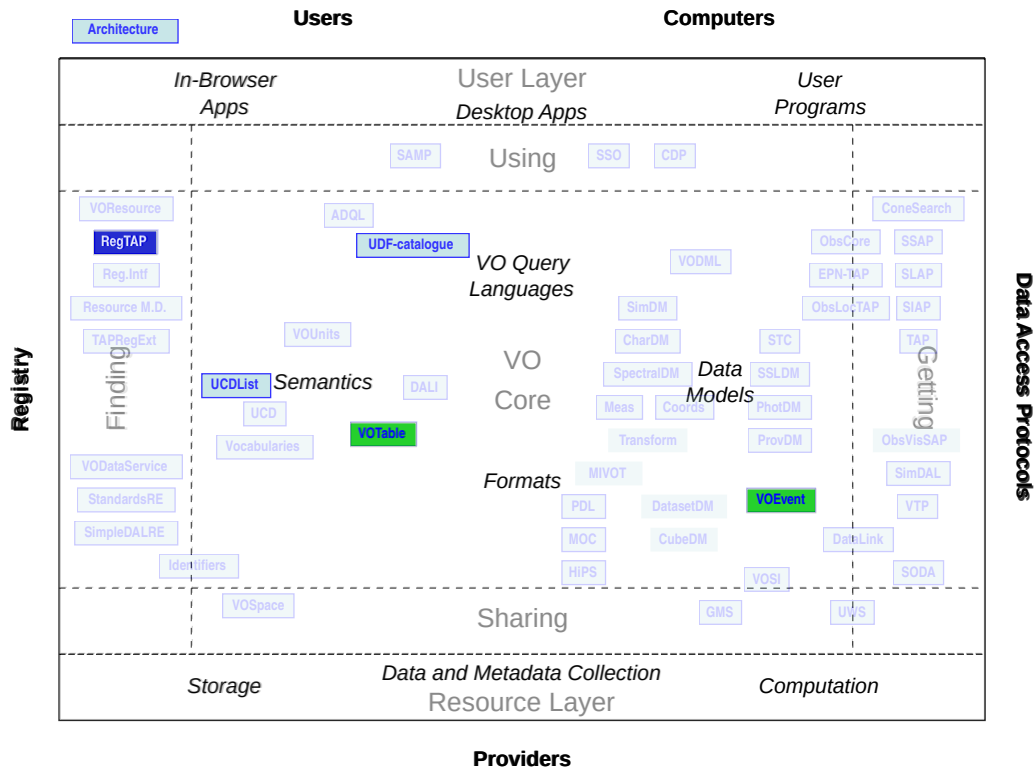
RFC

VOTable-1.5

VOEvent-2.1

PEN

UCDList-1.6



Current & Recent Standards



General remarks



- Active High Energy group
 - looking forward to further interaction with WGs
- Alerts modelling, format & streams
 - renewing (community) efforts
- Refreshing standards documents
 - a lot done, a lot to do
- Computing platforms & containers
 - describe, discover, run
- Data Models – complex scenario
 - still a long way to straightforward connection to protocols
 - revision of the obs_core_
- Semantics improvements
 - internal & external facing



Take away



- Lively and active community
 - great interop
- Connecting to *sibling* communities
- Many different perspectives
 - keep on working towards agreement
- Review also our own *processes*
 - e.g.
 - high paced vs. reliable
 - implementation-aided review

Technical Roadmap



- **WGs and IGs create and maintain roadmaps**
- **Covers period from one Interop to the next**
- **Provides direction**
- **Summary of activities**
- **Projects future work**

Technical Coordination Group - Roadmaps

This page lists all the roadmaps the TCG updated over time. There are usually two roadmaps per year, spanning the activities planned for the time span between two subsequent Interoperability Meetings (roughly 6 months).

Current Roadmap

Developed by the various IVOA working and interest groups in 2024 between the May 2024 Interoperability Meeting and the November 2024 Interoperability (Malta).

	~May to November	~November to May (year+1)
2023	2023A Roadmap	2023B Roadmap
2022	2022A Roadmap	2022B Roadmap
2021	2021A Roadmap	2021B Roadmap
2020	2020A Roadmap	2020B Roadmap
2019	2019A Roadmap	2019B Roadmap
2018	2018A Roadmap	2018B Roadmap
2017	2017A Roadmap	2017B Roadmap
2016	2016A Roadmap	2016B Roadmap
2015	2015A Roadmap	2015B Roadmap
2014	2014A Roadmap	2014B Roadmap
2013	2013A Roadmap	2013B Roadmap

UPDATE!
Roadmap 2024B

<https://wiki.ivoa.net/twiki/bin/view/IVOA/TCGRoadmaps>

- IVOA website → <https://www.ivoa.net/>
- IVOA wiki pages → <https://wiki.ivoa.net/>
- mailing lists, subscription
interop@ivoa.net (general info) + WG- and IG-specific
<https://ivoa.net/members>
- slack workspace → <https://ivoa.slack.com/>
- github
<https://github.com/ivoa>: collaboration on projects, tools, ideas
<https://github.com/ivoa-std>: standard documents development



How to participate

IVOA.net – rebuilding the website



INTERNATIONAL VIRTUAL OBSERVATORY ALLIANCE

Home Astronomers Deployers Members About

The Virtual Observatory (VO) is the vision that astronomical datasets and other resources should work as a seamless whole. Many projects and data centres worldwide are working towards this goal. The International Virtual Observatory Alliance (IVOA) is an organisation that debates and agrees the technical standards that are needed to make the VO possible. It also acts as a focus for VO aspirations, a framework for discussing and sharing VO ideas and technology, and body for promoting and publicising the VO.

To learn more about the IVOA as an organisation, read the "About" section.

To learn more about the VO from a user's point of view, including how to find VO tools and services, read the "Astronomers" section. There is also a page about the VO for students and the public.

To learn how to publish VO services, or write VO-compatible software, start by reading the "Deployers/Developers" section.

Internal IVOA discussions are publicly viewable in the "Members" section.



IVOA NEWS

March 2022 Issue of the IVOA Newsletter

UPCOMING MEETINGS

IVOA November 2024 Interoperability Meeting
15-17 November 2024, La Valletta (Malta)

- <https://ivoa.net/>
- <https://webtest.ivoa.info/>
- <https://github.com/ivoa/ivoa-web>

For Astronomers



IVOA News & Upcoming Meetings

- New IVOA Homepage
- IVOA Newsletter - March 2022
- IVOA Newsletter - July 2021

The Virtual Observatory (VO) is the vision that astronomical datasets and other resources should work as a seamless whole. Many projects and data centres worldwide are working towards this goal. The International Virtual Observatory Alliance (IVOA) is an organisation that debates and agrees the technical standards that are needed to make the VO possible. It also acts as a focus for VO aspirations, a framework for discussing and sharing VO ideas and technology, and body for promoting and publicising the VO.

To learn more about the IVOA as an organisation, read the "About" section.

To learn more about the VO from a user's point of view, including how to find VO tools and services, read the "Astronomers" section. There is also a page about the VO for students and the public.

To learn how to publish VO services, or write VO-compatible software, start by reading the "Deployers/Developers" section.

Internal IVOA discussions are publicly viewable in the "Members" section.

About the IVOA	For Astronomers	For Developers	For Members
What is the VO?	Getting Started	Intro to VO Concepts	IVOA Calendar
What is the IVOA?	Using the VO	IVOA Standards	Working Groups
Who is involved?	VO Glossary	Guide to Publishing in the VO	Twiki
Accomplishments and future plans	VO Applications	Technical Glossary	Documents in Progress
How do I contact the IVOA?	IVOA newsletter		Mailing Lists



IVOA November 2024 Interoperability Meeting
15-17 November 2024
La Valletta, Malta

Thank you!

Thanks to Uni.Malta for hosting us!
Looking forward to seeing you at the next Interop!

Marco Molinaro [INAF]

Tom Donaldson [MAST/STSci]



**L-Università
ta' Malta**