

IVOA November 2026 Interoperability Meeting
6-8 November 2026
Perth, Australia

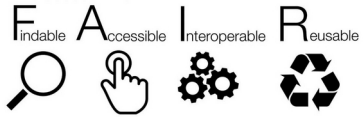
TCG Opening

Marco Molinaro [INAF]
Tom Donaldson [MAST/STScI]

Technical Coordination Group (TCG)

- **The TCG is made up of the chairs and vice-chairs of Working Groups (WG), Interest Groups (IG), and Committees (~30 individuals in all)**
- **TCG activities:**
  - Build consensus: within WGs and with the community
  - Coordination: interface with CSP to align WG/IGs goals
  - Liaison with IVOA Executive Committee
  - Play key role in the documents & standards process(es)

    Support authors, co-authors, contributors, reviewers
  - Organize the programme for InterOp meetings



enablers

Technical Coordination Group (TCG)

TCG roles

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

ai-interop@ivoa.net

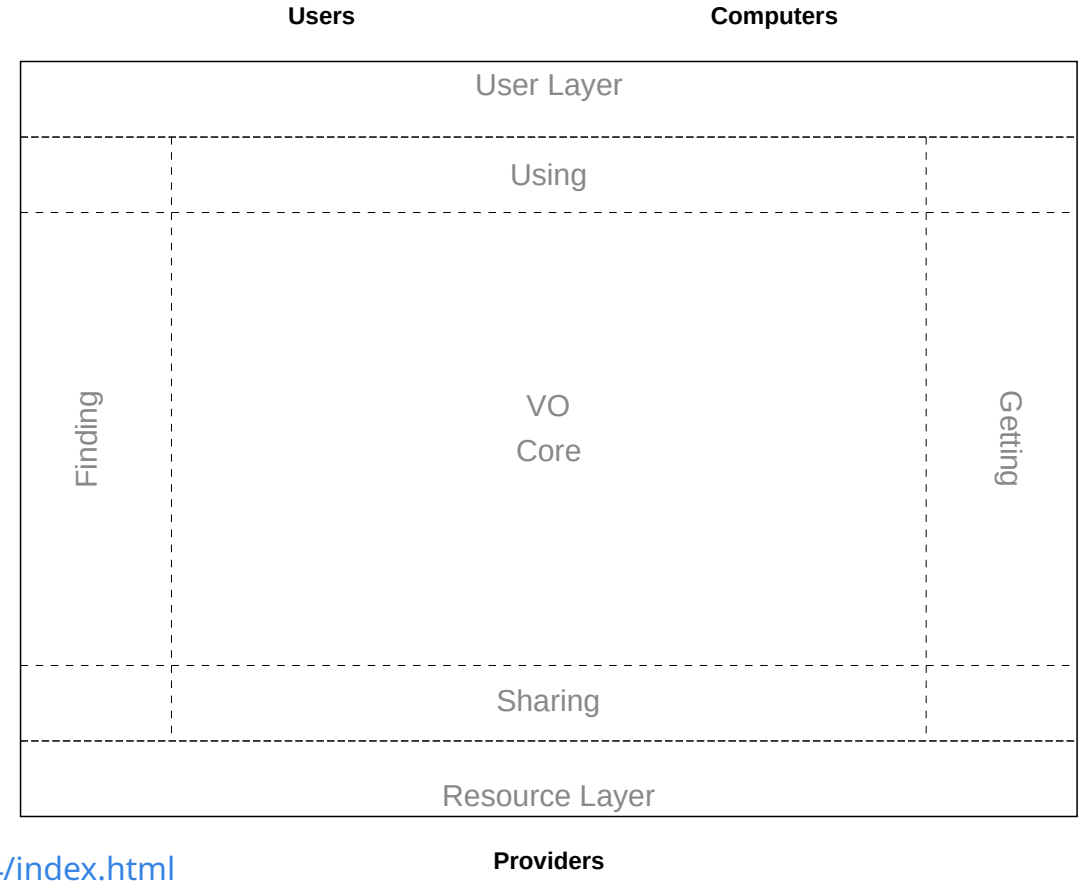
http://mail.ivoa.net/mailman/listinfo/ai-interop

	Chair	Vice-Chair
TCG	Marco Molinaro	Tom Donaldson
Working Groups		
Applications	Adrian Damian	Brigitta Sipőcz
Data Access Layer	Gregory Mantelet	Joshua Fraustro
Data Model	MathieuServillat	Patrick Dowler
Distributed Services & Protocols	Jesus Salgado	Sara Bertocco
Registry	Gilles Landais	Theresa Dower
Semantics	Baptiste Cecconi	Sebastien Derriere
Interest Groups		
Data Curation & Preservation	Raffaele D'Abrusco	Anne Raugh
Education	Shanshan Li	Priya Hasan
High Energy	Bruno Khelifi	Janet Evans
Knowledge Discovery	Yihan Tao	André Schaaff
Operations	Tamara Civera	Henrik Norman
Radio Astronomy	Mark Kettenis	OPEN
Solar System	Stephane Erard	Mark Taylor
Time Domain	Judith Racusin	Pierre Fernique
IVOA Committees		
Exec	JJ Kavelaars	Mark Allen
Science Priorities	Francesca Civano	Vandana Desai
Standard and Processes	Markus Demleitner	
IVOA IAU Liaison Committee	Bruce Berriman	
Standby/Merged/Re-scoped Groups		
Theory	In "standby" phase, group without formal coordination - email: theory@ivoa.net	

IVOA Architecture

The IVOA standards technical architecture, describes how the standards work together.

Is described in an Endorsed Note update every ~3 years.



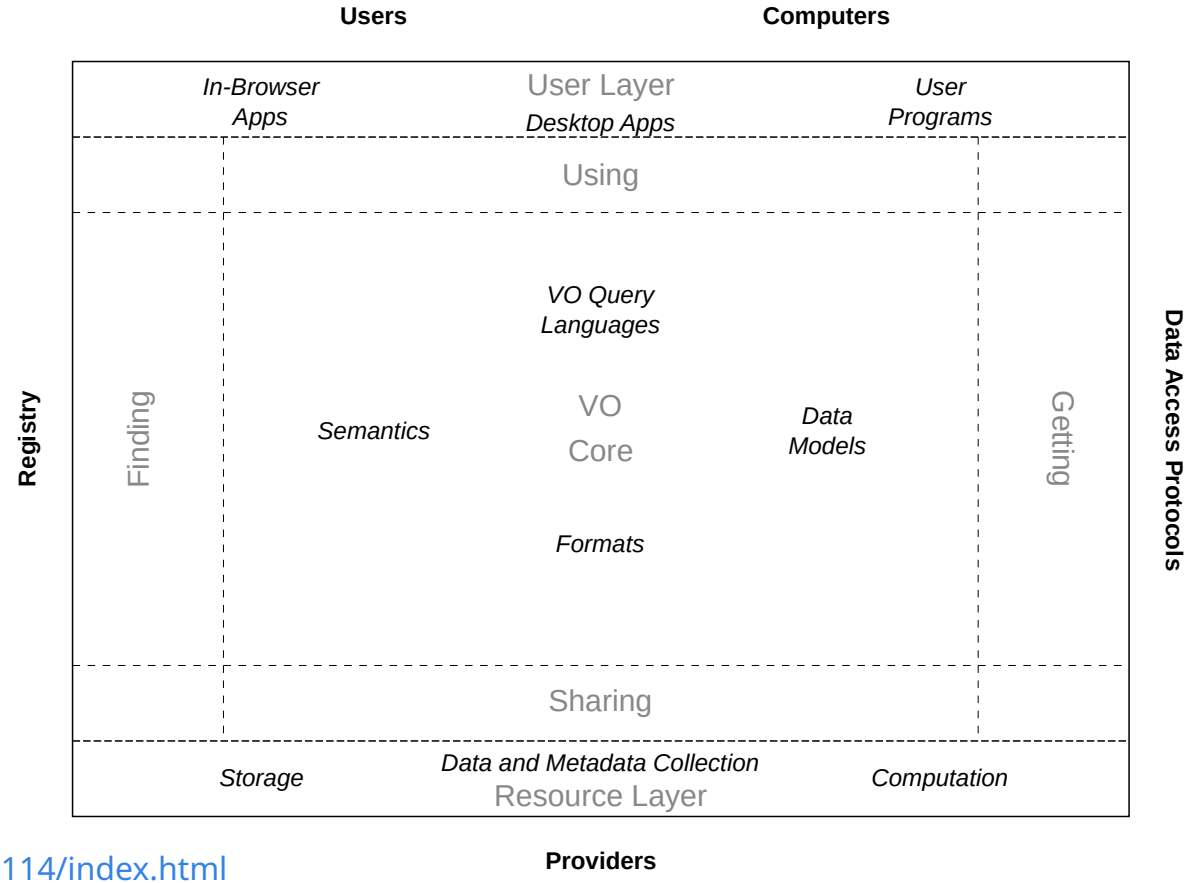
Current version (2.1)

https://www.ivoa.net/documents/IVOAArchitecture/20241114/index.html

IVOA Architecture

The IVOA standards technical architecture, describes how the standards work together.

Is described in an Endorsed Note update every ~3 years.



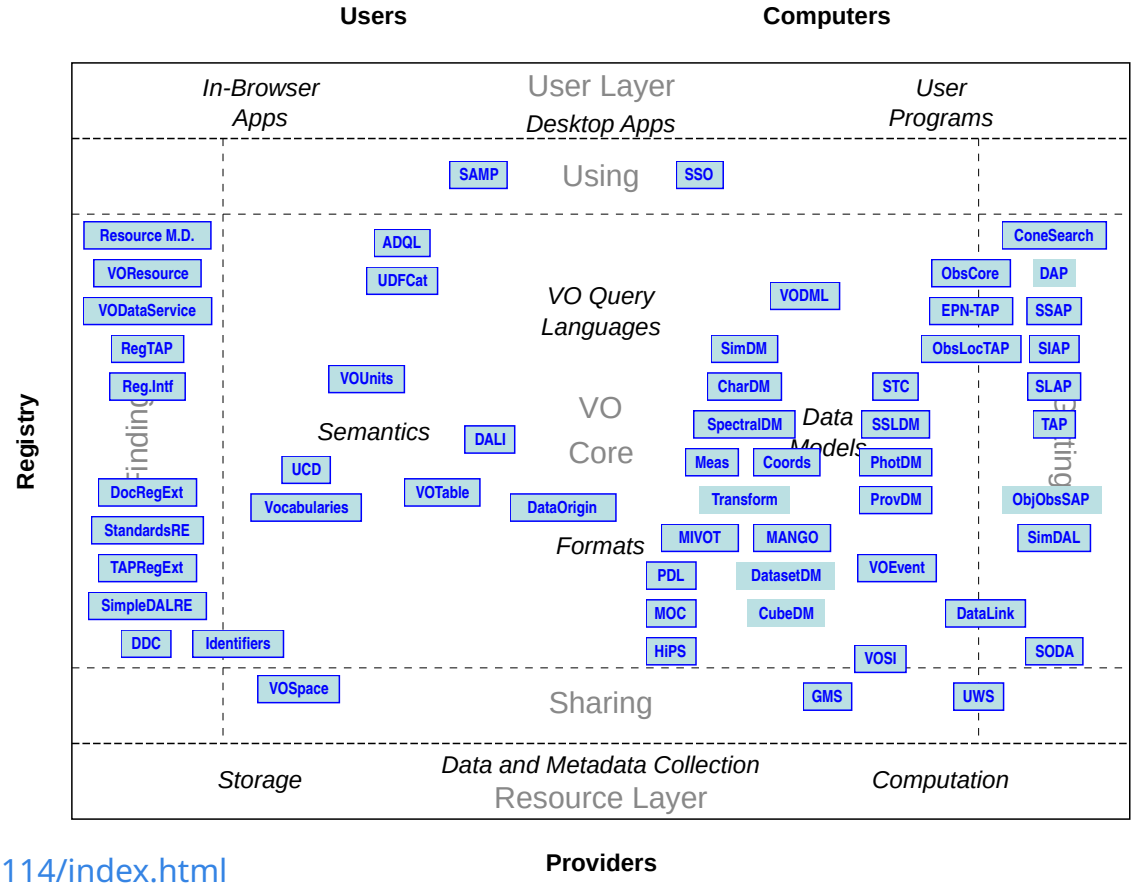
Current version (2.1)

https://www.ivoa.net/documents/IVOAArchitecture/20241114/index.html

IVOA Architecture

The IVOA standards technical architecture, describes how the standards work together.

Is described in an Endorsed Note update every ~3 years.



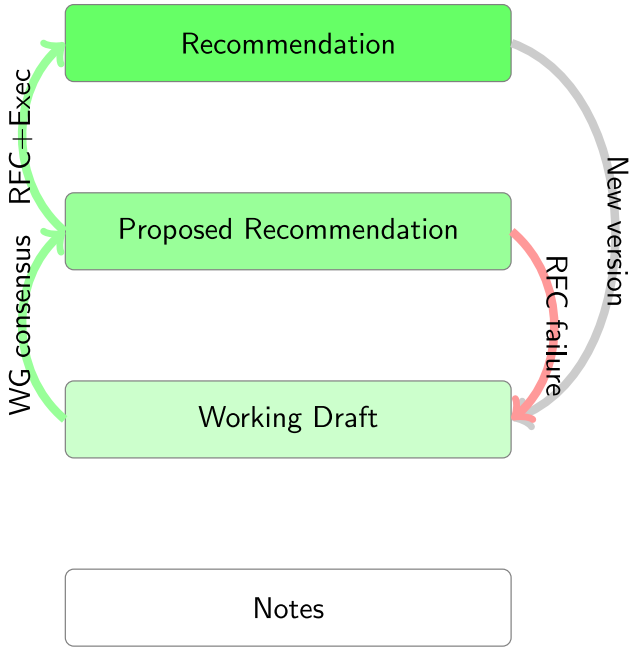
Current version (2.1)

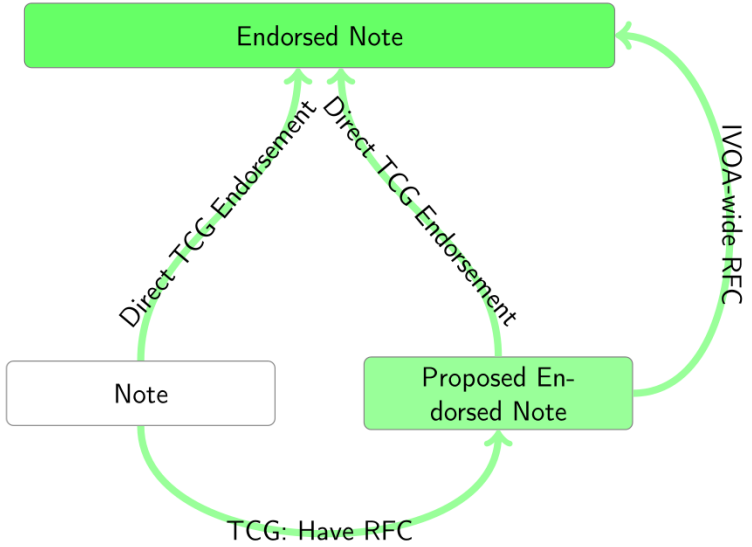
https://www.ivoa.net/documents/IVOAArchitecture/20241114/index.html

Document Standards & Processes

Processes for approval of

- **Recommendations**
- **Endorsed Notes**
- including **Errata**
- and **Vocabularies**





under revision!

IVOA Document Standards (2.0)
https://www.ivoa.net/documents/DocStd/20170517/index.html
Vocabularies in the VO (2.1)
https://www.ivoa.net/documents/Vocabularies/20230206/index.html

Document Standards & Processes

- DocStd “IVOA Document Standards”
  - the standard that describes our processes when producing and publishing documents, shows its age
- There's activity on revising this
  - see issues and P(ull)R(equest)s on **https://github.com/ivoa-std/DocStd**
- Also, subscribe to our mailing list!
  - **http://mail.ivoa.net/mailman/listinfo/stdproc**
- All eyes are welcome
  - It's the rules you have to work with!

https://xkcd.com/3232/



IF I WERE IN CHARGE OF ISO, THE FIRST THING I'D DO WOULD BE TO STANDARDIZE THE WAY PEOPLE COUNT OUT LOUD BEFORE DOING SOMETHING IN SYNC.

RFC

DALI-1.2

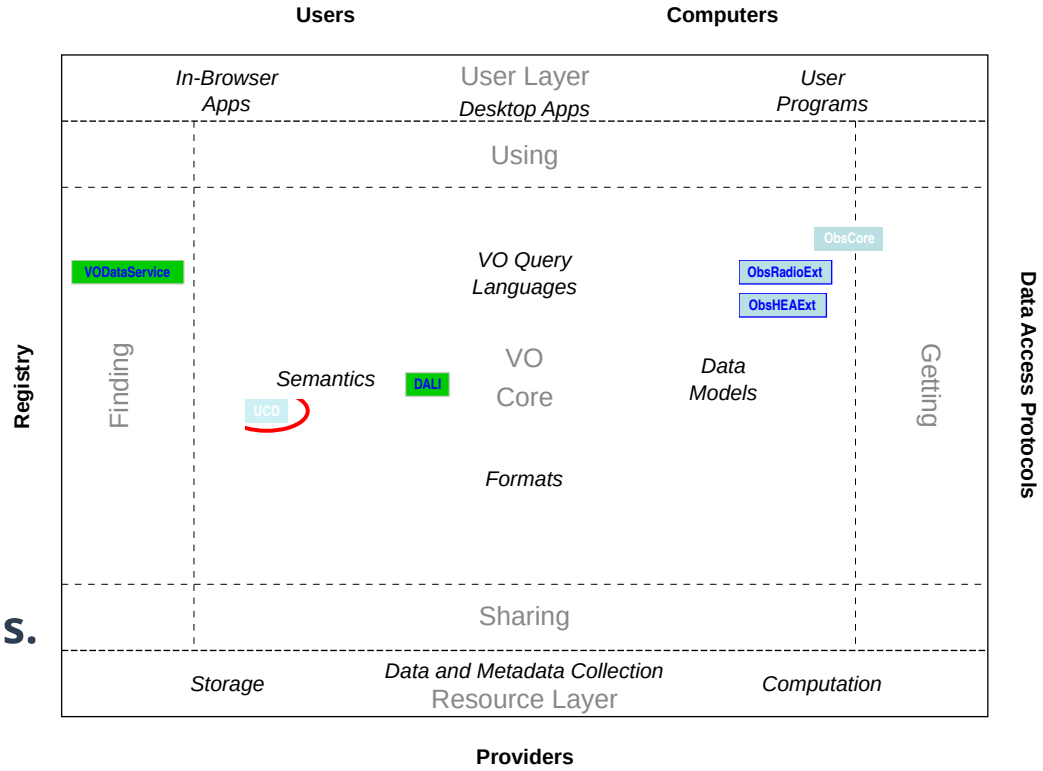
VODataService-1.3

EN

ObsCoreExtensionForRadioData-1.0

HighEnergyObsCoreExt-1.0

Plus vocabulary enhancements and an extensive set of standards in WD status.



Current & Recent Standards

This Interop

Friday November 6, 2026				
session	Time	Room	Topic	lead/speaker
1	9:00-9:10	Global Streaming Center	Welcome & Logistics	Simon O'Toole
	9:10-9:25		State of the IVOA	JJ Kavelaars
	9:25-9:35		CSP Status	Francesca Civano
	9:35-9:45		TCG Status	Marco Molinaro
	9:45-10:30		Charge to the Working Groups	Working Group/Interest Group Chairs
	10:30-11:00	***coffee/tea break***		
2	11:00-12:30	Global Streaming Center	XXXIII IAU GA discussion	Berriman
	12:30-14:00	***lunch break***		
3	14:00-15:30	Global Streaming Center	Knowledge Discovery IG	Tao/Schaaff
	15:30-16:00	***coffee/tea break***		
4	16:00-17:30	Global Streaming Center	Time Domain IG + Applications WG	Racusin/Fernique/Damian/Sipocz

Saturday November 7, 2026				
session	Time	Room	Session	lead/speaker
5	9:00-10:30	Global Streaming Center	Distributed Services & Protocols WG	Salgado/Bertocco
	10:30-11:00	***coffee/tea break***		
6	11:00-12:30	Global Streaming Center	Data Model WG	Servillat/Dowler
	12:30-14:00	***lunch break***		
7	14:00-15:30	Global Streaming Center	Registry WG + Operations IG	Landais/Dower/Civera/Norman
	15:30-16:00	***coffee/tea break***		
8	16:00-17:30	Global Streaming Center	Data Access Layer WG	Mantelet/Fraustro

Sunday November 8, 2026				
session	Time	Room	Session	lead/speaker
9	9:00-10:30	Global Streaming Center	AI & Applications	Damian/Sipocz
	10:30-11:00	***coffee/tea break***		
10	11:00-12:30	Global Streaming Center	Closing Plenary	
			Summary from Working Groups	WG/IG chairs
			CSP Closing Remarks	Francesca Civano
			TCG Closing Remarks	Marco Molinaro
			IVOA Exec Closing Remarks	JJ Kavelaars

- brainstorming on AI, usage in apps development and possibly more
- DAL protocols evolution & discussion
- ObsCore revision and extensions
- AuthVO path forward
- Registry & OPS with AI
- Time-tassellation

Details will follow in the groups' introductions!

https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpNov2026

How to participate

- Get Involved – Like every organization we need new perspectives!
- We are an open community
  - if a standard is close to the goal but doesn't fit
  - implement an extension & provide feedback to influence change
- Success takes Resources
  - Work to implement or extend a standard as part of your project
  - Your project benefits and so does Data Interoperability
- Get on the email lists
- Provide feedback to WG/IG calls for input.
- Attend the IVOA Interops & encourage others to attend as well

If you want to go Fast, go Alone – If you want to go Far, go Together

How to participate

- 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
- github
  - https://github.com/ivoa: collaboration on projects, tools, ideas
  - https://github.com/ivoa-std: standard documents development
- slack workspace → https://ivoa.slack.com/
  https://join.slack.com/t/ivoa/shared_invite/zt-4fgq9h3lz-_PqMbA544h0zL1CcchQKnQ



IVOA November 2026 Interoperability Meeting
6-8 November 2026
Perth, Australia

Thank you & Welcome!

no AI was harmed in the preparation of these slides

Marco Molinaro [INAF]
Tom Donaldson [MAST/STScI]