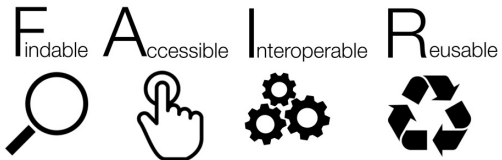




# State of the TCG

Janet Evans & Marco Molinaro

November Interoperability meeting in Tucson, AZ  
2023-11-10



# 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 responsibilities:
  - Build **consensus** in WG and with the community
  - Assure **coordination** between WG/IGs & CSP
  - Liaison with IVOA Executive committee
  - Play key roles in the document & standards process
    - Often lead authors, co-authors, contributors, reviewers
  - Organize the programme for InterOp meetings



# Technical Coordination Group

- WG/IG chairs and vice-chairs
  - 3 year term
  - possible 1 year extension
- All positions are appointed by the IVOA Executive Committee
- Members can change roles

	Chair	Vice-Chair
TCG	Janet Evans	Marco Molinaro
<b>Working Groups</b>		
Applications	Pierre Le Sidaner	Adrian Damian
Data Access Layer	James Dempsey	Gregory Mantelet
Data Model	Mark Cresitello-Dittmar	Mathieu Servillat
Grid and Web Services	Jesus Salgado	Sara Bertocco
Registry	Renaud Savalle	Tess Jaffe
Semantics	Baptiste Cecconi	Sabastien Derriere
<b>Interest Groups</b>		
Data Curation & Preservation	Gilles Landai	Gus Muench
Education	Hendrik Heint	Shanshan Li
Knowledge Discovery	Raffaele D'Abrusco	Yihan Tao
Operations	Steve Groom	Tamara Civera
Radio Astronomy	Francois Bonnarel	Mark Kettenis
Solar System	Anne Raugh	Markus Demleitner
Theory	Simon O'Toole	Giuliano Taffoni
Time Domain	Rafael Martinez Galarza	Pierre Fernique
<b>IVOA Committees</b>		
Exec	Christophe Arviset	Simon O'Toole
Standard and Processes	Patrick Dowler	
Science Priorities	Ada Nebot	Francesca Civano

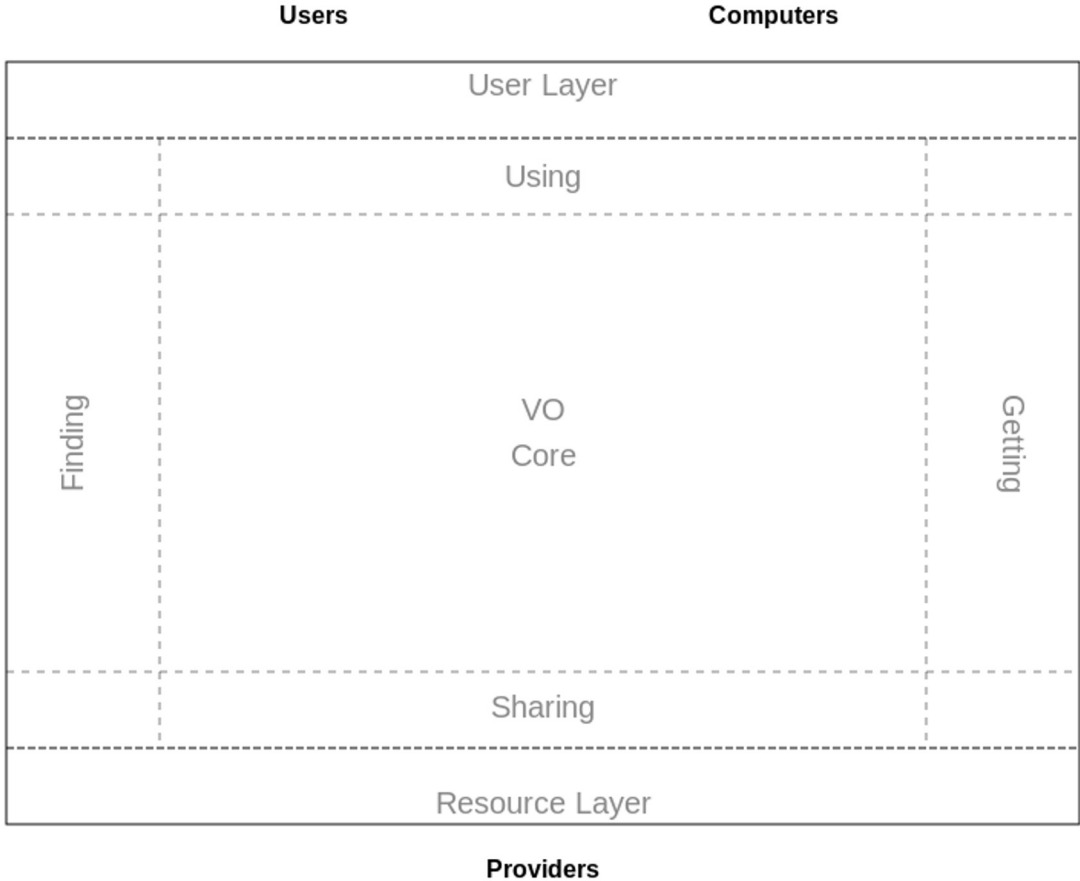


# IVOA Architecture

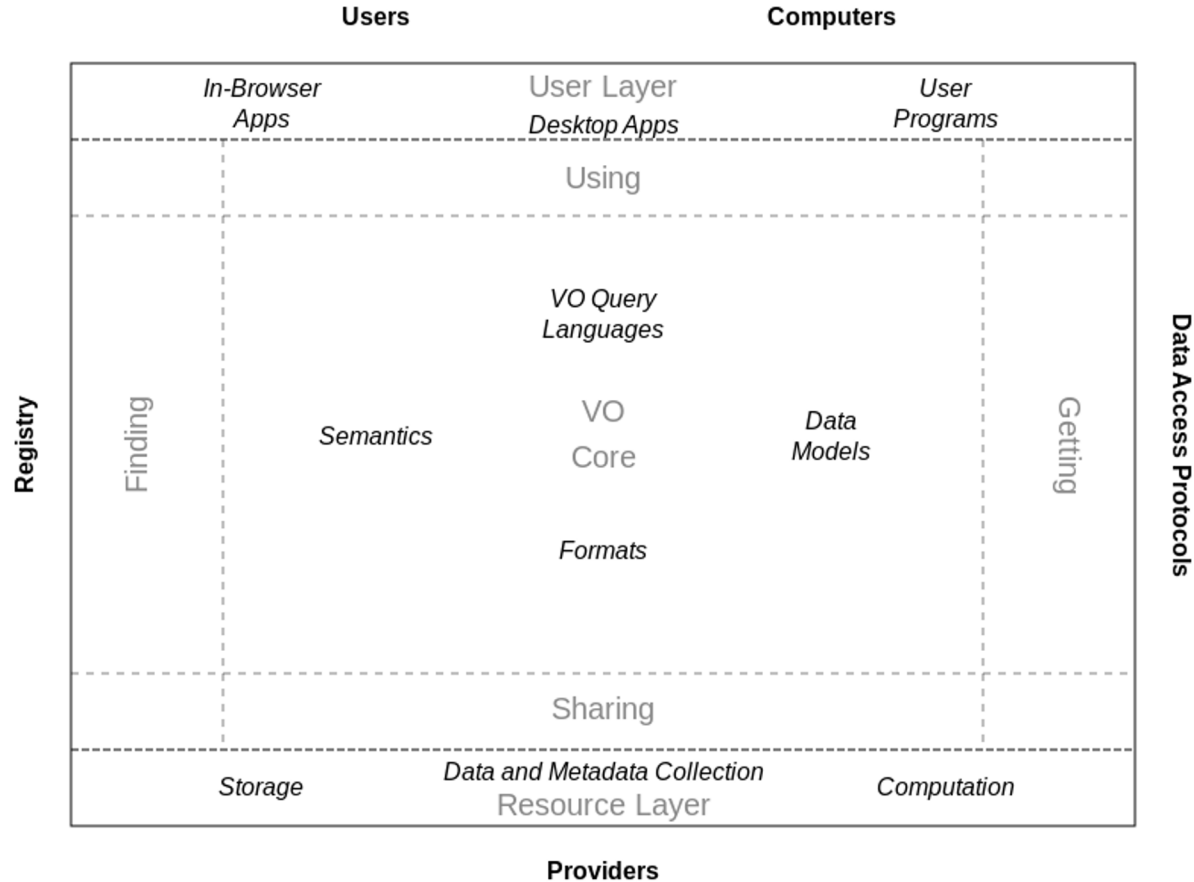
- IVOA Architecture Note released Oct 2021
  - <https://www.ivoa.net/documents/IVOAArchitecture/20211101/index.html>
- Will be updated for next Interop with new/updated standards (Oct 2021-Jan 2024)
- Describes Architecture, Standards, and How they work together
  - Authentication and Authorization
  - Application and Format
  - Semantic
  - Registry
  - Data Model
  - Data Access
  - Infrastructure Resource



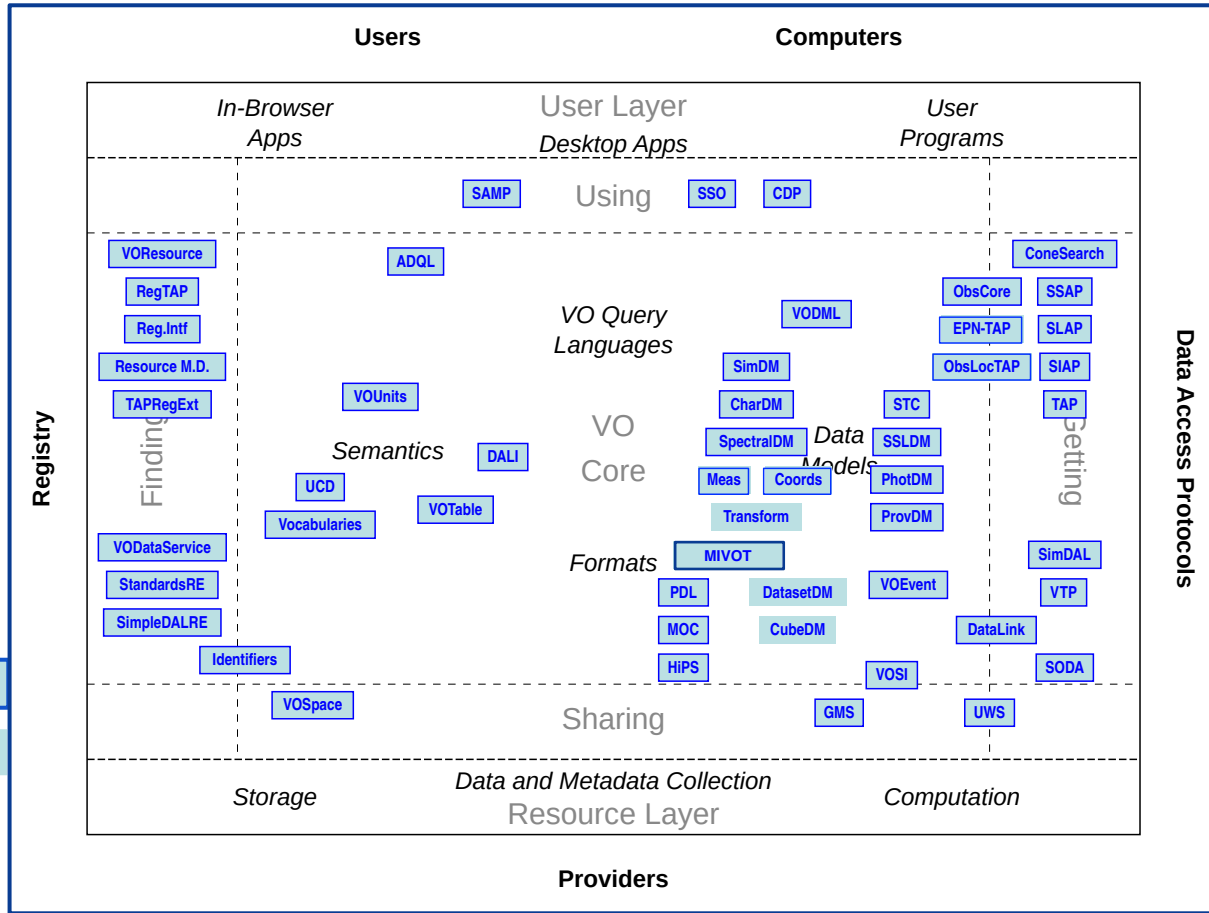
# IVOA Architecture - Level 0



# IVOA Architecture - Level 1



# IVOA Architecture - Level 2



# Responsibilities of the TCG

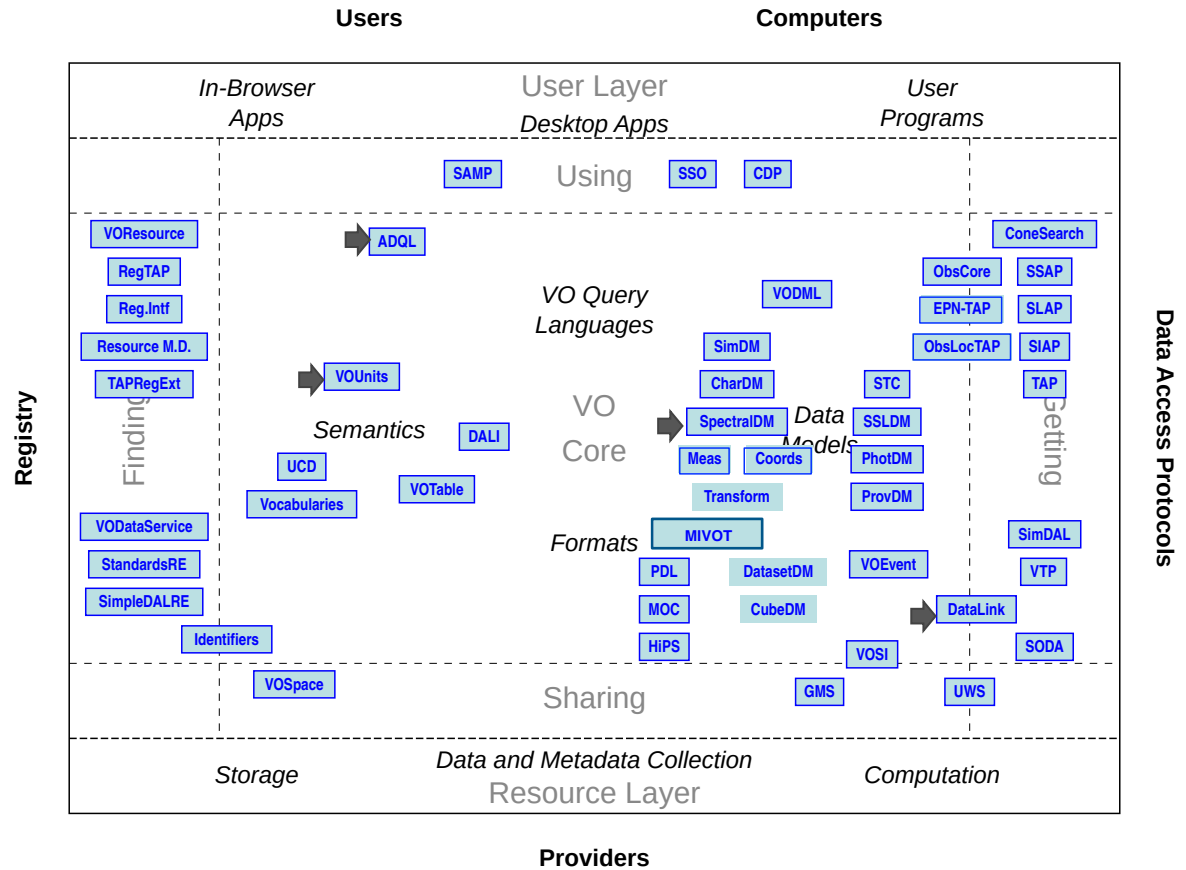
- WG chair/vice-chair manages the RFC process for standards
- Review and approve Proposed Recommendations
- Review and accept Errata & Endorsed Notes
- Manage standards document development on <https://github.com/ivoa-std>





# Current & Recent Standards Activity

- Approved Recommendations
  - Proposed Recommendations
    - Datalink 1.1 (4/21)
    - ADQL 2.1 (4/25)
    - VOUnit 1.1 (6/30)
    - SpectrunDM 1.2 (9/11)
- Active Working Drafts
  - Individual Working Groups will report



# IVOA Roadmap

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

## IVOA Roadmap for 2023A

This outlines the roadmap for development activities by the various IVOA working and interest groups between the May 2023 and Nov 2023 Interop

<https://wiki.ivoa.net/twiki/bin/view/IVOA/2023ARoadmap>

- [IVOA Roadmap for 2023A](#)
  - [Applications WG](#)
  - [Data Access Layer WG](#)
  - [Data Model WG](#)
  - [Grid and Web Services WG](#)
  - [Registry WG](#)
  - [Semantics WG](#)
  - [Data Curation & Preservation IG](#)
  - [Education IG](#)
  - [Knowledge Discovery IG](#)
  - [Operations IG](#)
  - [Radio IG](#)
  - [Solar System IG](#)
  - [Theory IG](#)
  - [Time Domain IG](#)
  - [Standard and Processes](#)
  - [Science Priorities](#)



# How to Contribute !!



Get Involved – Like every organization we need new perspectives!!

We are an open community – if a standard is close but doesn't fit – implement an extension & provide feedback to influence change to the standard.

Success takes Resources. Lean on the Decadal Report and FAIR principles as motivators. Work to implement or extend a standard as part of your project work.

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 !!***  
*African proverb*

# Participating in the IVOA

IVOA website <https://www.ivoa.net/>

IVOA wiki pages <https://wiki.ivoa.net/>

mailing lists: [interop@ivoa.net](mailto:interop@ivoa.net) + WG- and IG-specific lists

slack: <https://ivoa.slack.com/>

github: <https://github.com/ivoa> for collaboration on projects, tools, new ideas  
<https://github.com/ivoa-std> for standards document development



# Thank you & Welcome !!

*Welcome to the Interop – We hope you find it engaging !!*

*Thank you to Tim Jenness and the Rubin Project for hosting us !!*

