

# State of the TCG

Janet Evans & Marco Molinaro

November Virtual meeting  
2021-11-02



# 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)
- TCG responsibilities:
  - Build **consensus** in WG and community
  - Assure **coordination** between WG/IGs & CSP
  - Liaison with IVOA executive committee
  - Play several key roles in the document & standards process
  - Organize the programme for InterOp meetings
    - Usually focus on schedule & rely on local organizers to do all the logistics
    - With Virtual Mtgs: attempt to run a virtual InterOp in all timezones!



# 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
- New appointees as of May 2021 (red highlight)

	Chair	Vice-Chair
TCG	<u>Janet Evans</u>	<u>Marco Molinaro</u>
Working Groups		
<u>Applications</u>	<u>Tom Donaldson</u>	<u>Adrian Damian</u>
<u>Data Access Layer</u>	<u>James Dempsey</u>	<u>Gregory Mantelet</u>
<u>Data Model</u>	<u>Laurent Michel</u>	<u>Jesus Salgado</u>
<u>Grid and Web Services</u>	<u>Giuliano Taffoni</u>	<u>Christine Banek</u>
<u>Registry</u>	<u>Theresa Dower</u>	<u>Pierre Le Sidaner</u>
<u>Semantics</u>	<u>Markus Demleitner</u>	<u>Carlo Maria Zwoelf</u>
Interest Groups		
<u>Data Curation &amp; Preservation</u>	<u>André Schaaff</u>	<u>Tim Jenness</u>
<u>Education</u>	<u>Hendrik Heinl</u>	<u>Giulia Iafrate</u>
<u>Knowledge Discovery</u>	<u>Raffaele D'Abrusco</u>	
<u>Operations</u>	<u>Mark Taylor</u>	<u>Steve Groom</u>
<u>Radio Astronomy</u>	<u>Mark Lacy</u>	<u>Francois Bonnarel</u>
<u>Solar System</u>	<u>Anne Raugh</u>	<u>Baptiste Cecconi</u>
<u>Theory</u>	<u>Gerard Lemson</u>	<u>Simon O'Toole</u>
<u>Time Domain</u>	<u>Brent Miszalski</u>	<u>Mark Cresitello-Dittmar</u>
IVOA Committees		
Exec	<u>Bruce Berriman</u>	<u>JJ Kavelaars</u>
<u>Standard and Processes</u>	<u>Patrick Dowler</u>	
<u>Science Priorities</u>	<u>Ada Nebot</u>	



# IVOA Architecture

- IVOA Architecture Note released Oct 2021
  - Authors - Pat Dowler, Janet Evans and the TCG
  - New Doc in GitHub -- <https://github.com/ivoa-std/architecture>
  - New Doc in PDF --  
<https://www.ivoa.net/documents/IVOAArchitecture/20211101/index.html>
- Approach of New Architecture Doc
  - Describes the IVOA Architecture - Level 0, 1, 2
  - Provides dependency diagram showing the relationships between standards
  - Provides a summary description of each current standard
  - Provides links to detailed standards documents for full scope understanding & usage

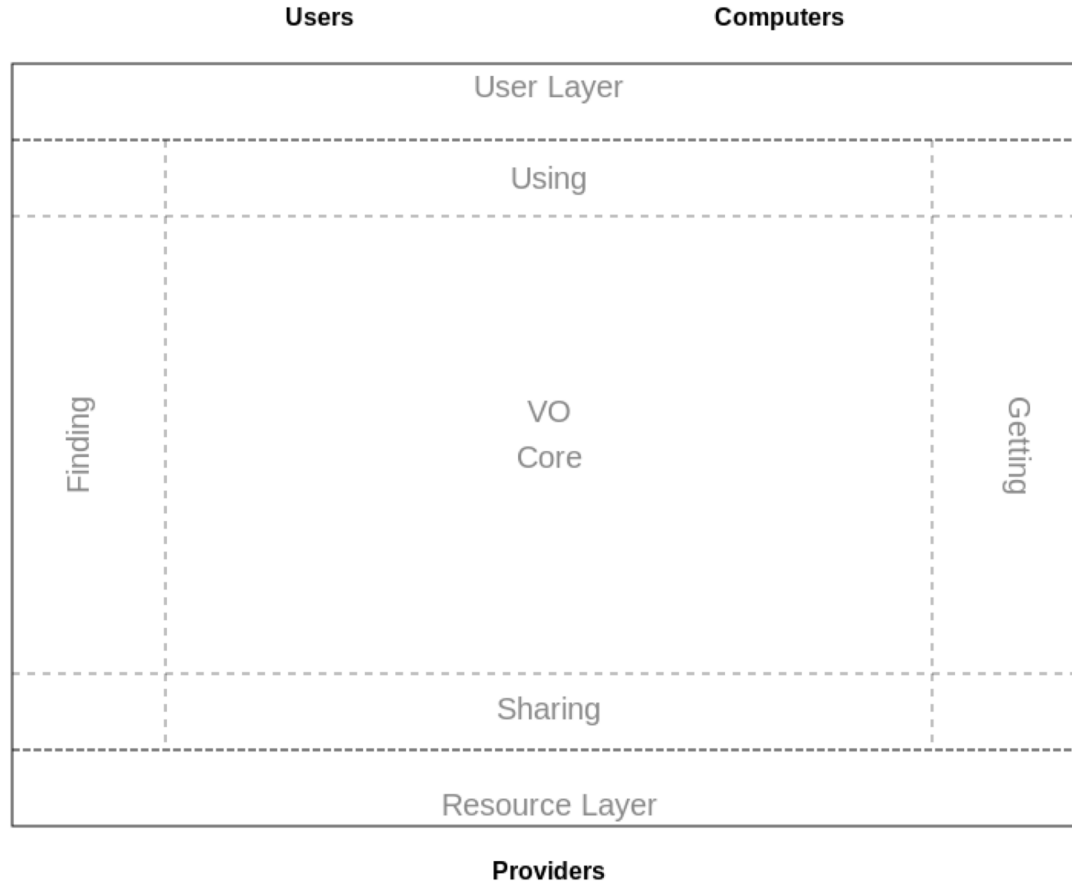


# IVOA Architecture

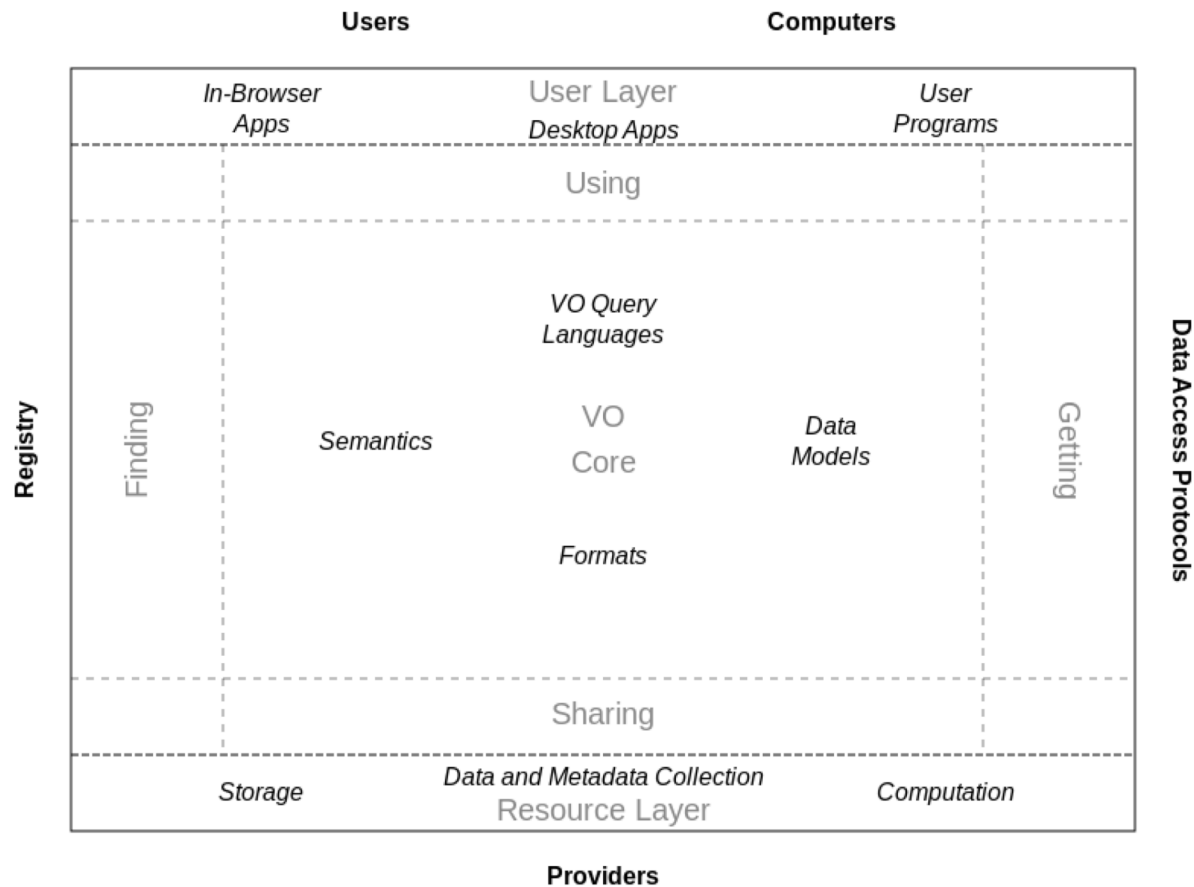
- 47 IVOA standards organized in 7 Sections of the document
  - Authentication and Authorization – 3
  - Application and Format – 4
  - Semantic – 3
  - Registry – 9
  - Data Model – 13
  - Data Access – 11
  - Infrastructure Resource – 4
- Forward plan is to update the Architecture Document every ~3 years (term of a TCG Chair)



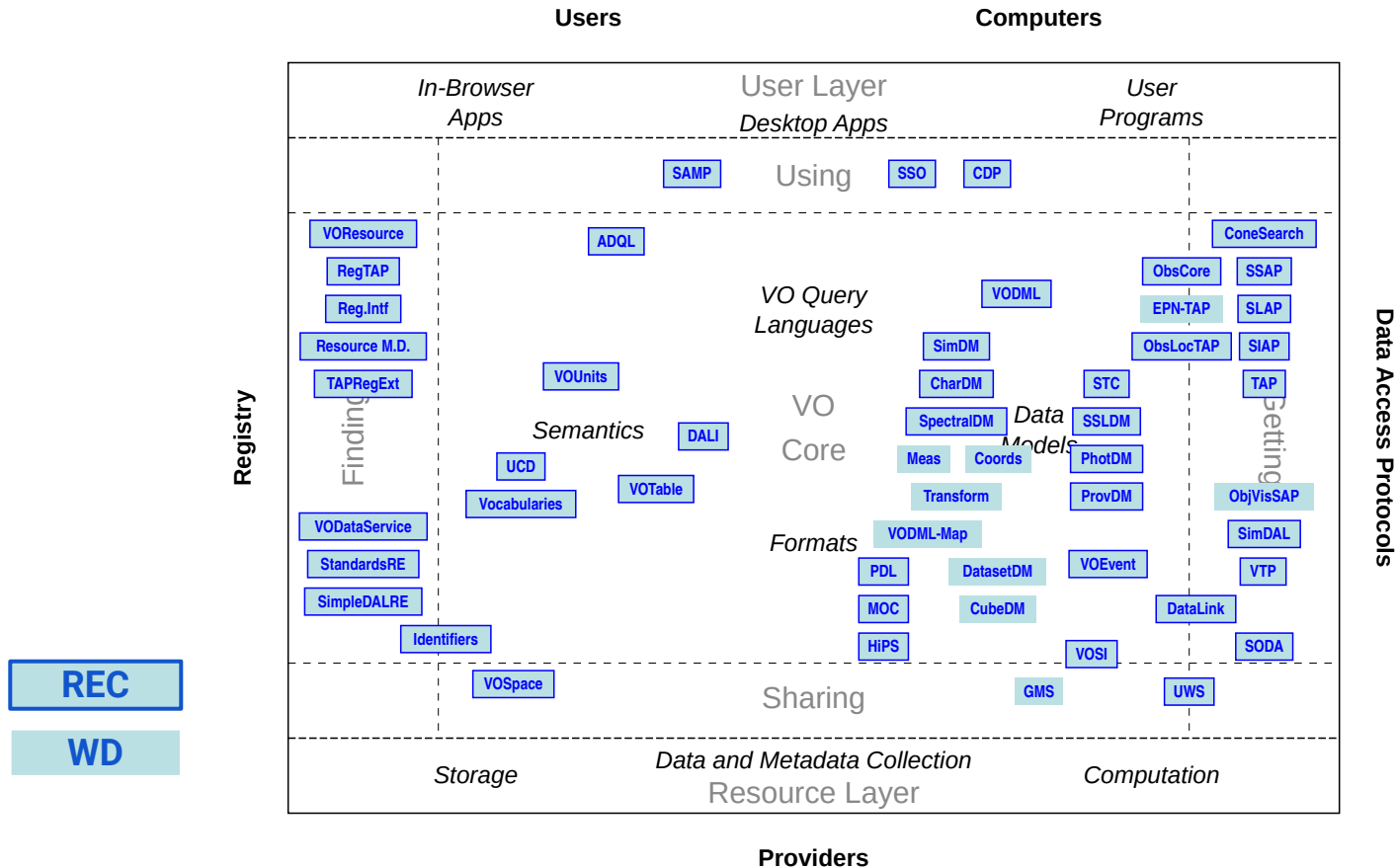
# IVOA Architecture - Level 0



# IVOA Architecture - Level 1



# IVOA Architecture - Level 2





# Responsibilities of the TCG

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



# 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:

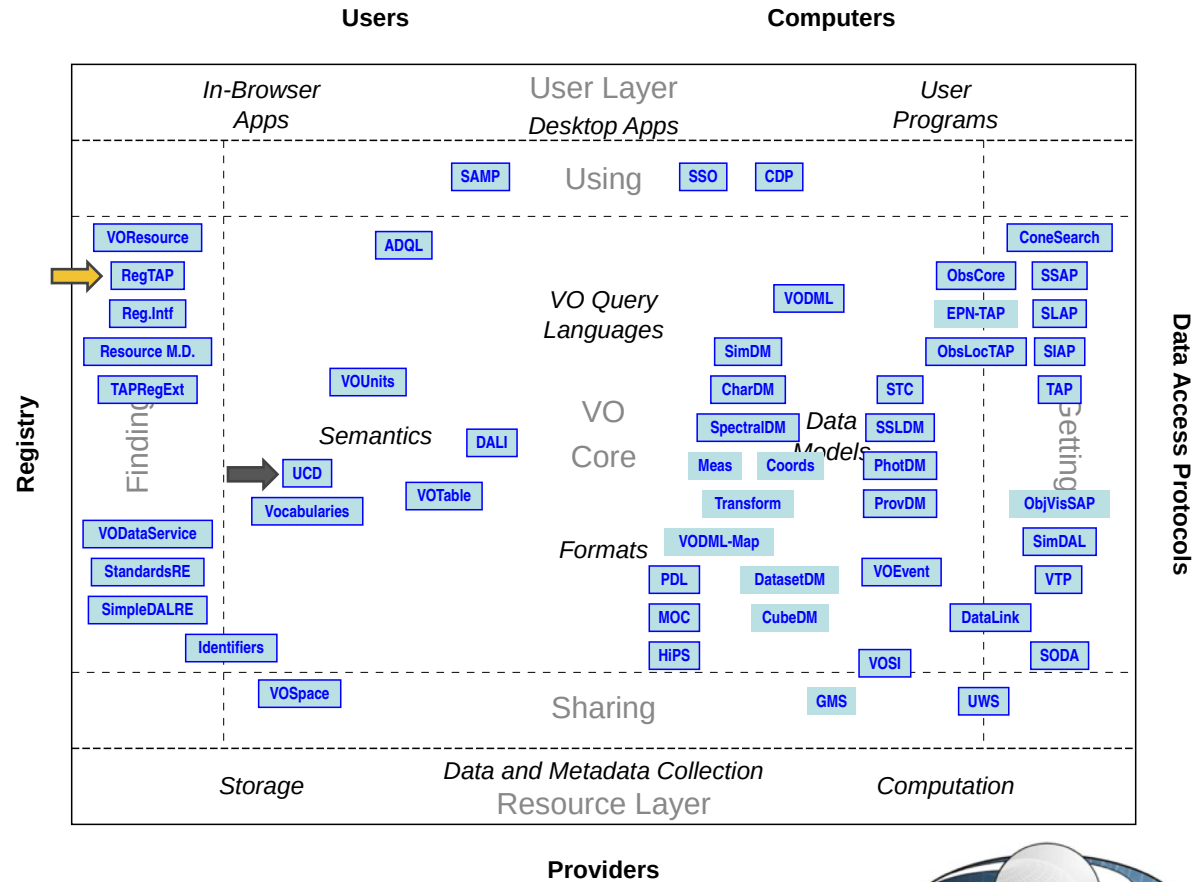
<https://github.com/ivoa> for collaboration on projects, tools, new ideas

<https://github.com/ivoa-std> for standards document development



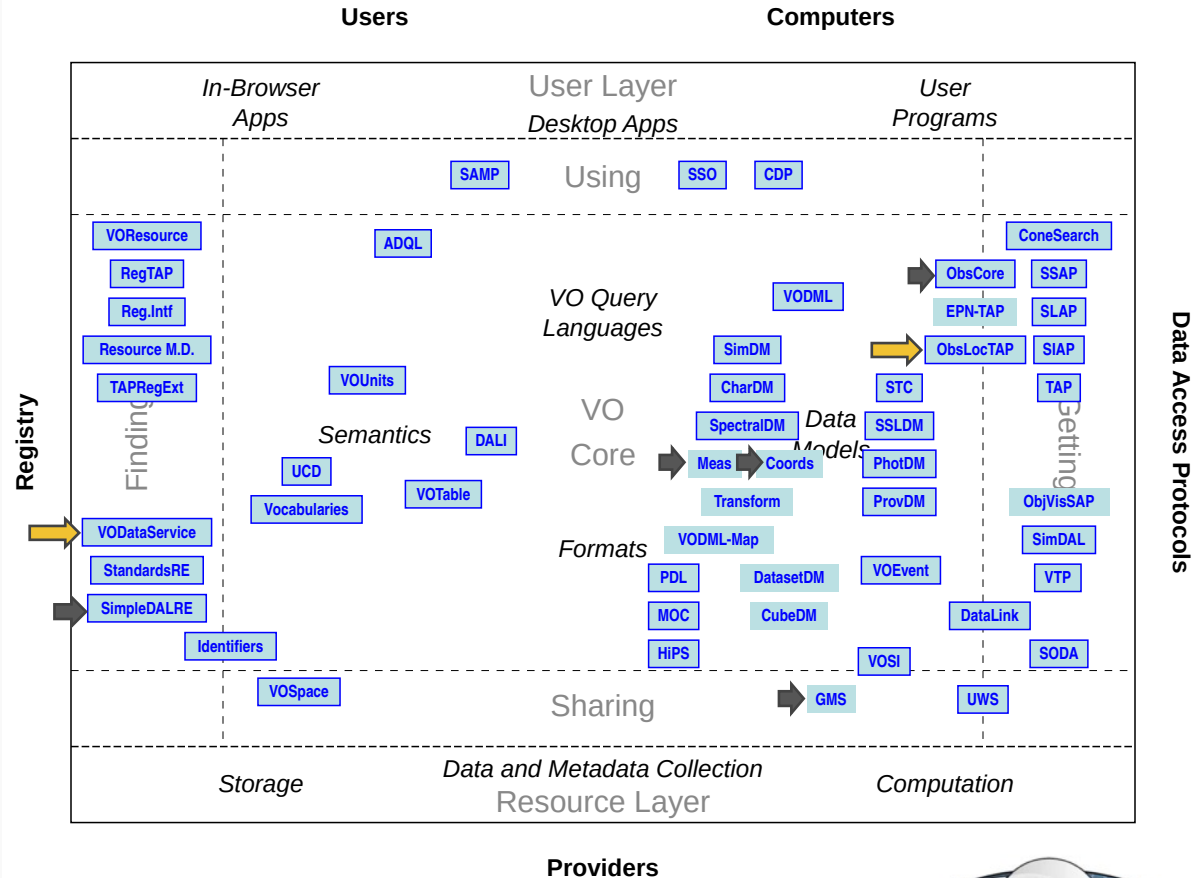
# Current & Recent Standards Activity

- Approved Errata
  - RegTAP 1.1 (10/14)
- Approved Endorsed Notes
  - UCD 1.4 (6/16)
- Approved Exec Endorsed Note
  - IVOA Architecture Document 1.0 (10/28)



# Current & Recent Standards Activity

- Approved Recommendations
  - ObsLocTAP 1.0 (7/7)
  - VODataService 1.2 (10/13)
- Proposed Recommendations
  - GMS 1.0
  - EPN-TAP 2.0
  - SimpleDALRegExt 1.2
  - Measurements DM 1.0
  - Coordinates DM 1.0
- 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 a summary of activity
- Projects future work

## IVOA Roadmap for 2021A

This outlines the roadmap for development activities by the various IVOA working and interest groups in 2021 between the May and Nov Interops

### • [IVOA Roadmap for 2021B](#)

- [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](#)

<https://wiki.ivoa.net/twiki/bin/view/IVOA/2021ARoadmap>



# Final thoughts...

- Review the new **IVOA Architecture Document** – You will get a lot out of it!!
- Participate – **Use the standards** / Join WG/IG meetings
- Provide **feedback** – We will listen and act

*Welcome to our fourth Virtual InterOp*

