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

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://wiki.ivoa.net/internal/IVOA/IvoaTCG/Arch-2021-09-14.pdf *(replace with Doc dir pointer)*

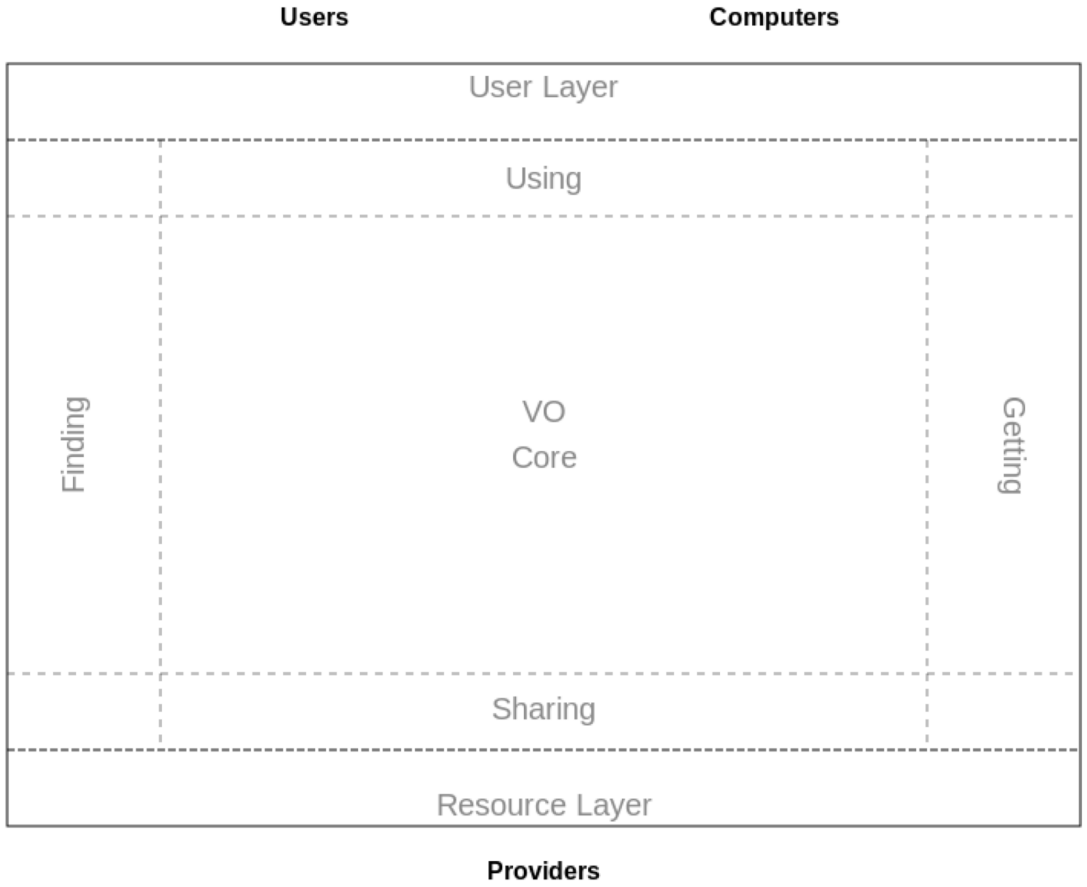
- Approach of New Architecture Doc
  - Describes the IVOA Architecture - Level 0, 1, 2
  - Provides dependency diagram showing the relationships between standards
  - Provides a summary description of each current standard
  - Provides links to detailed standards documents for full scope understanding & usage

IVOA Architecture

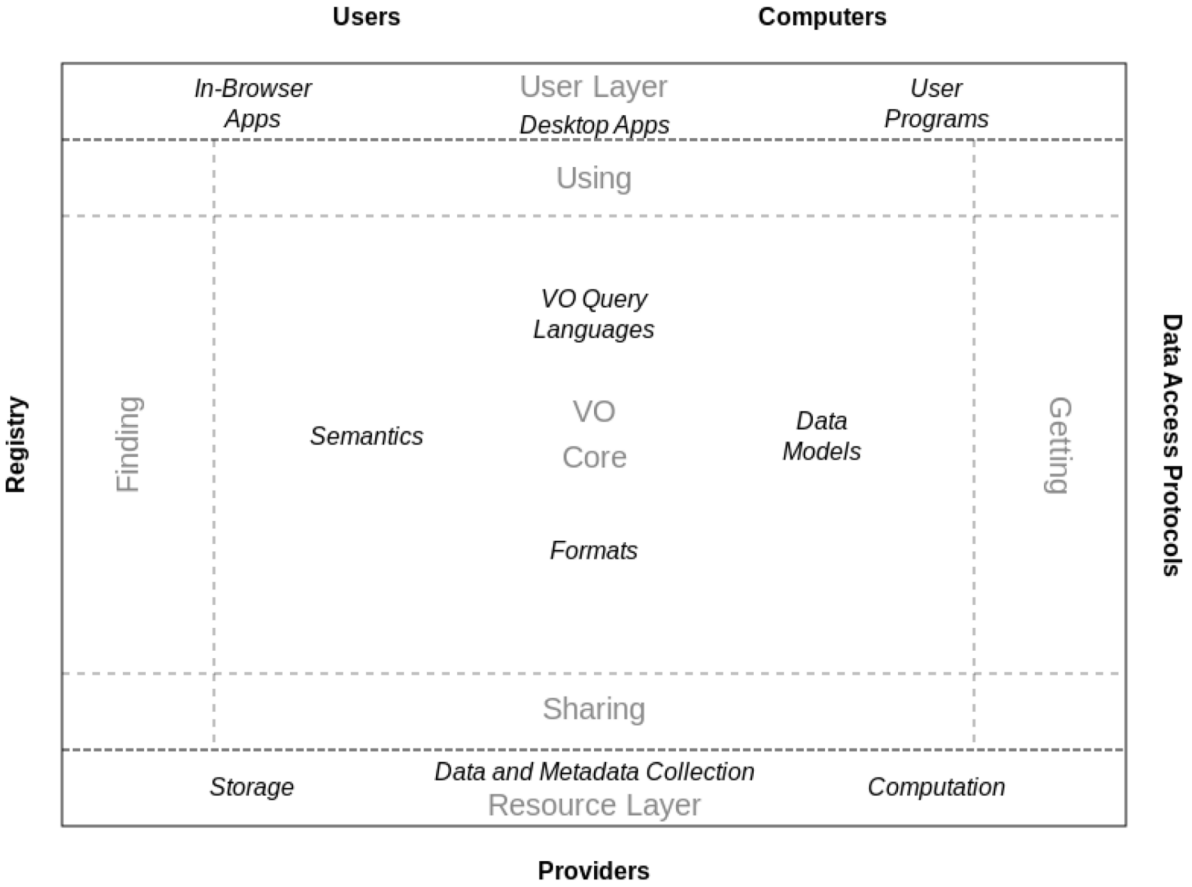
- 47 IVOA standards organized in 7 Sections of the document
  - Authentication and Authorization – 3
  - Application and Format – 4
  - Semantic – 3
  - Registry – 9
  - Data Model – 13
  - Data Access – 11
  - Infrastructure Resource – 4

- Forward plan is to update the Architecture Document every ~3 years (term of a TCG Chair)

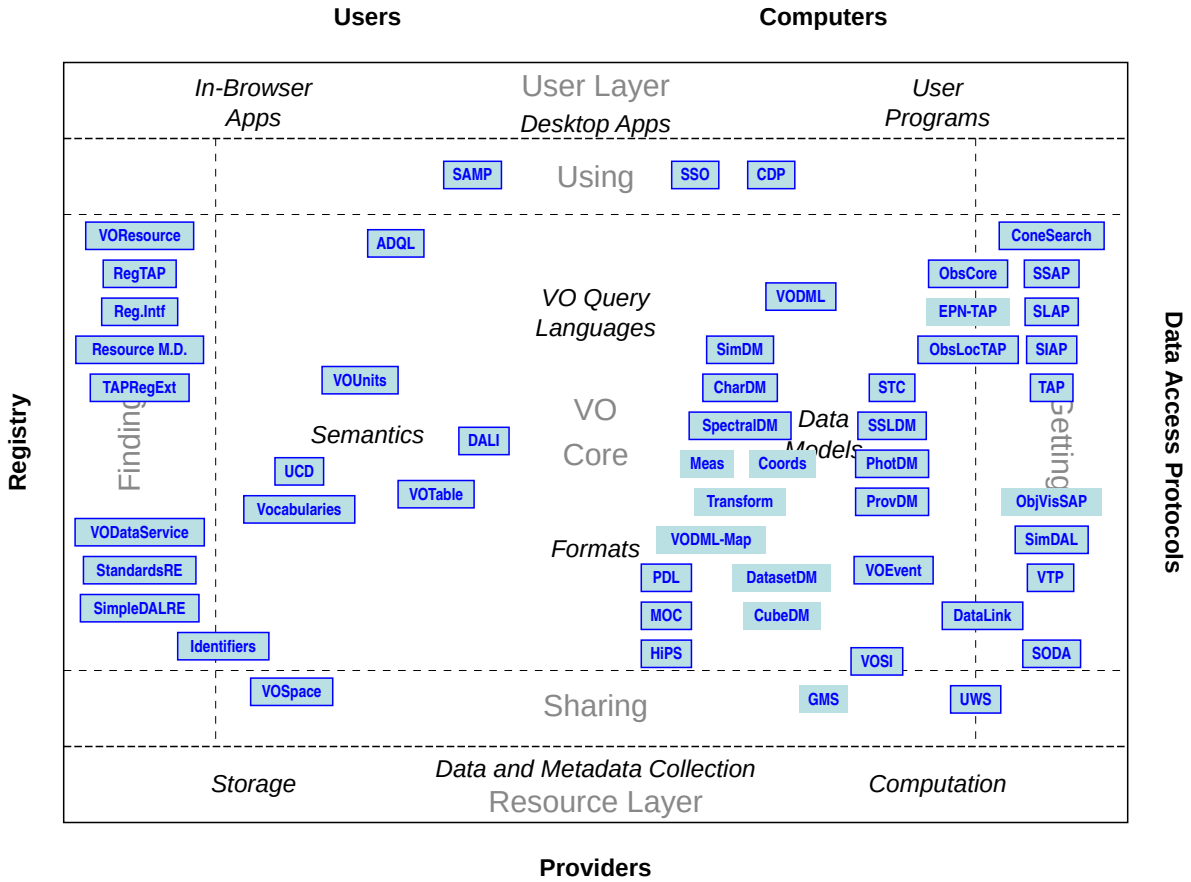
IVOA Architecture - Level 0



IVOA Architecture - Level 1



IVOA Architecture - Level 2

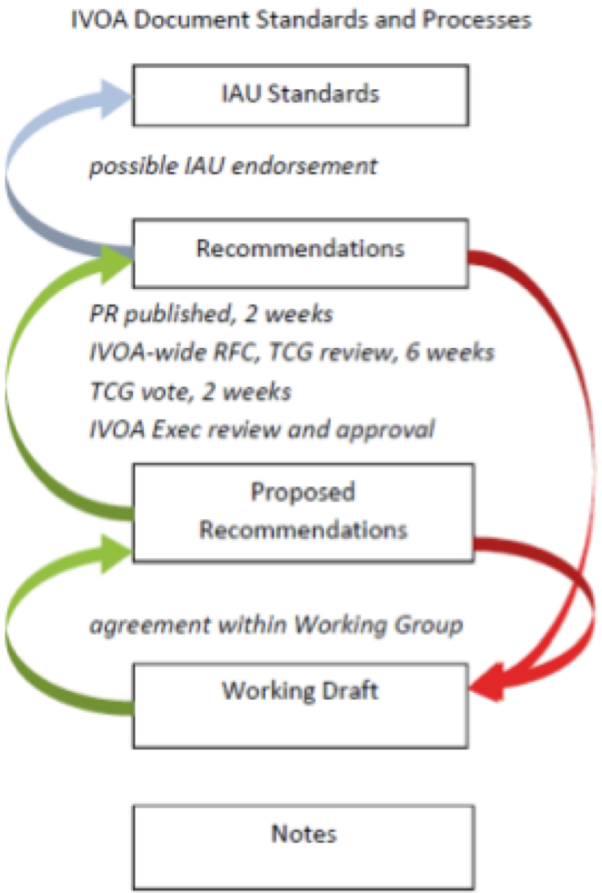


REC

WD

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 + WG- and IG-specific lists

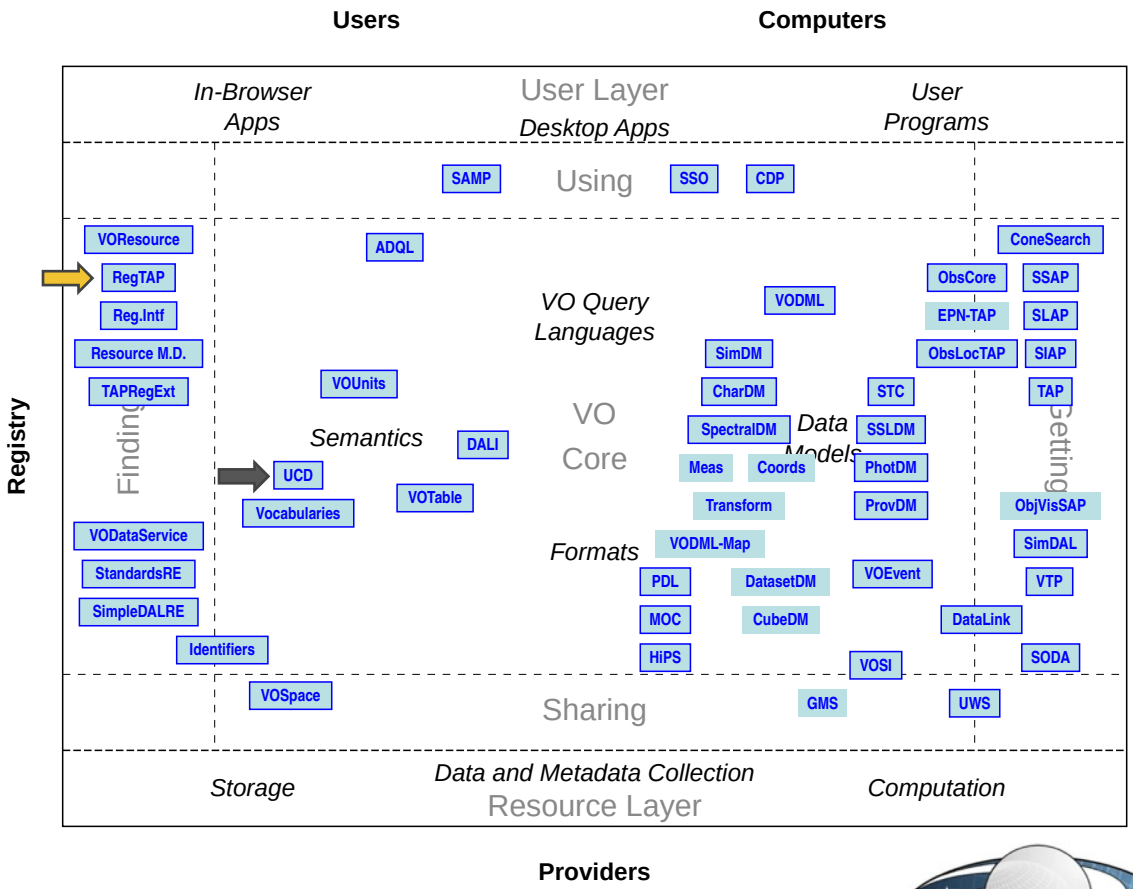
slack: https://ivoa.slack.com/

github:

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

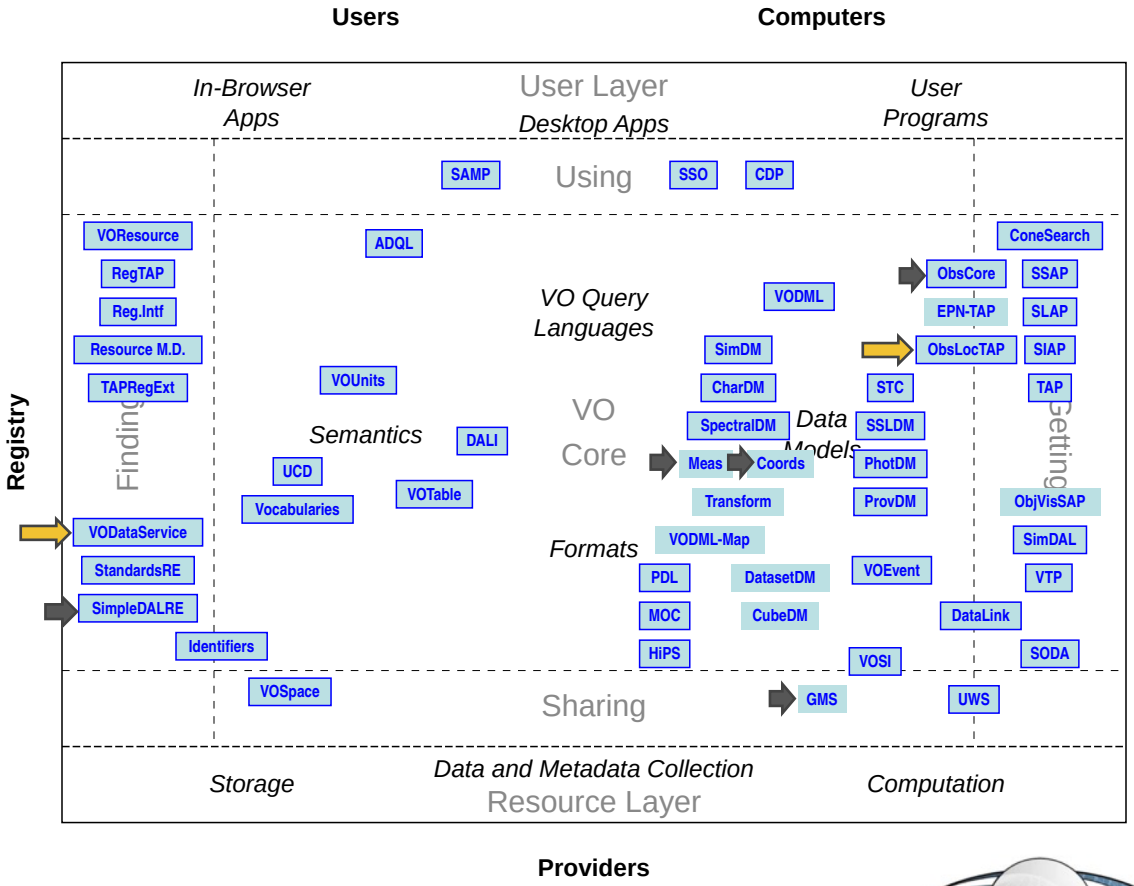
Current & Recent Standards Activity

- 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
- Provide of summary of activity
- Projects future work

IVOA Roadmap for 2020A

This outlines the roadmap for development activities by the various IVOA working and interest groups in 2020 between the May and Oct Interops.

- IVOA Roadmap for 2020A
  - 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/2020ARoadmap

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