State of the TCG

Patrick Dowler & Janet Evans

Location: everywhere
2020-05-04

Technical Coordination Group

- First and foremost: thank you for coming together like this and contributing to this community
- The COVID-19 pandemic has changed how we all work and live and it presents many new challenges
  - it is disappointing to not be in Sydney raising a glass with friends
- But challenges can also be opportunities:
  - many people here may not have participated in an in-person event
  - many new faces and some old ones able to return
- Hope: we adapt and learn new ways to work together *throughout the year* and add to our *Alliance*

Technical Coordination Group

- ## So, who is the TCG anyway?
  - Chairs and vice-chairs of working groups (WG), interest groups (IG), and committees (~30)

- ## What do they do?
  - 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 (later)
  - Organise the programme for InterOp meetings
    - usually: rely on local organisers to do all the logistics
    - this time: 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
- members can change roles (recycling…)
- new members appointed
  - Welcome!!
- all positions are appointed by the IVOA Executive Committee

	Chair	Vice-Chair
TCG	Patrick Dowler	Janet Evans
Working Groups		
Applications	Tom Donaldson	Raffaele D'Abrusco
Data Access Layer	Marco Molinaro	James Dempsey
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	Chenzhou Cui	Hendrik Heinl
Knowledge Discovery in Databases	Kai Lars Polsterer	Matthew Graham
Operations	Mark Taylor	Steve Groom
Radio Astronomy	Mark Lacy	Francois Bonnarel
Solar System	Baptiste Cecconi	Steven Joy
Theory	Carlos Rodrigo	Gerard Lemson
Time Domain	Ada Nebot	Dave Morris
IVOA Committees		
Exec	Chenzhou Cui	Bruce Berriman
Standard and Processes	Christophe Arviset	
Science Priorities	Bruno Merin	

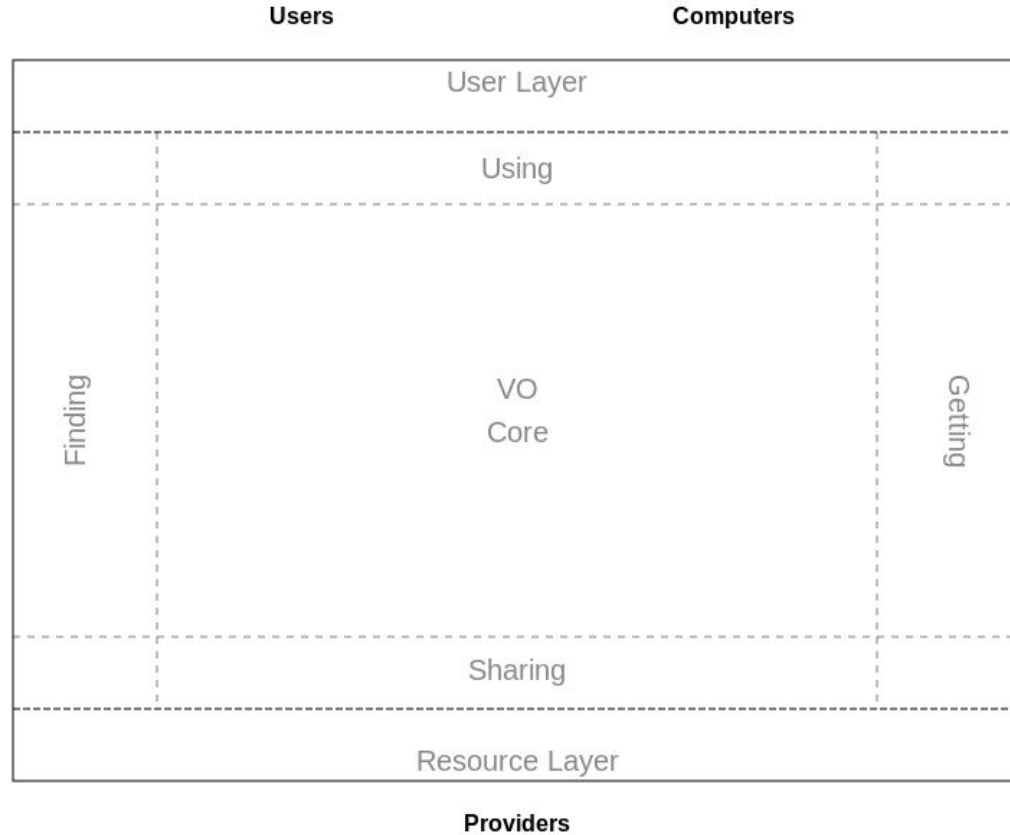# IVOA Architecture

- **IVOA Architecture Note released Nov 2010**
  - review and revision by the TCG
  - new Working Draft started -- https://github.com/ivoa-std/architecture
  - goal: Endorsed Note in 2020

- **General description of the IVOA Architecture**
  - level 0, 1, and 2: general → specific
  - level 0 and 1 stable
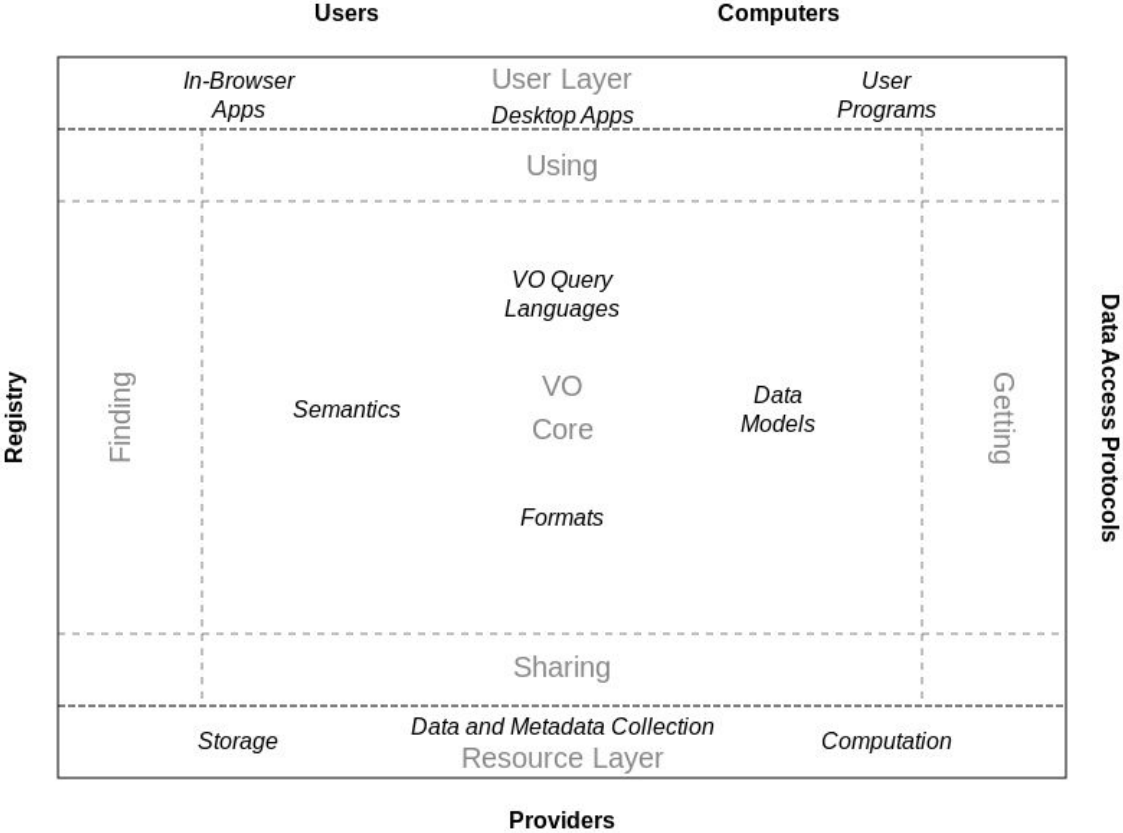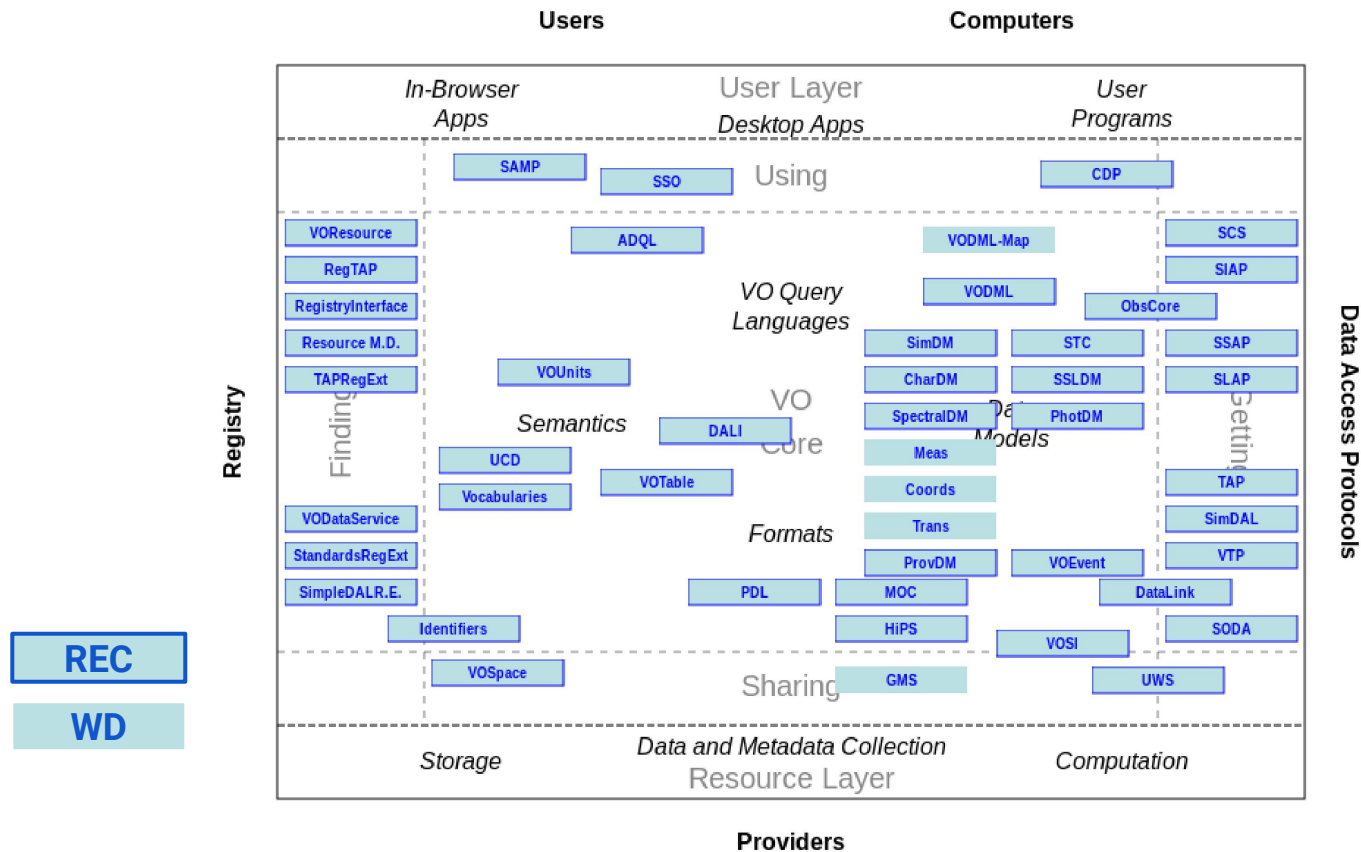 - level 2 updated with new IVOA standards

http://www.ivoa.net/documents/Notes/IVOAArchitecture/index.html

IVOA Architecture - Level 0
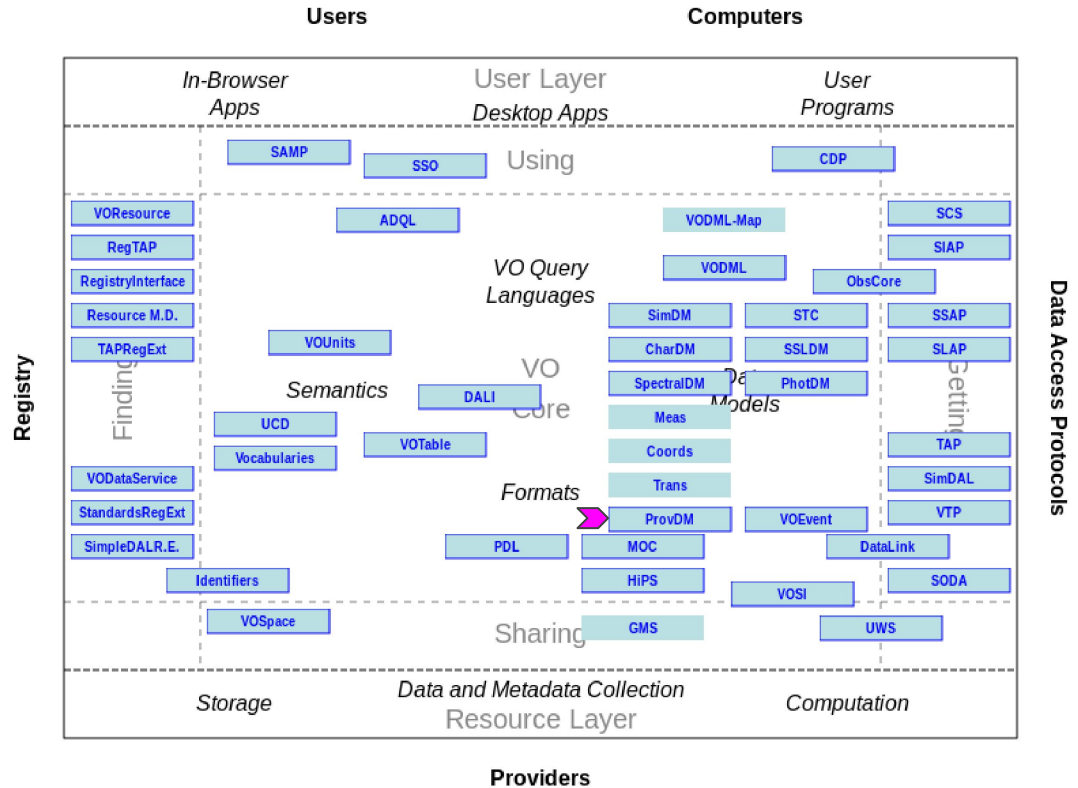
IVOA Architecture - Level 2

Responsibilities of the TCG

- WG chair/vice-chair manage the RFC process for standards

- Review and approve Proposed Recommendations

- Review and accept errata

- Review proposed Endorsed Notes

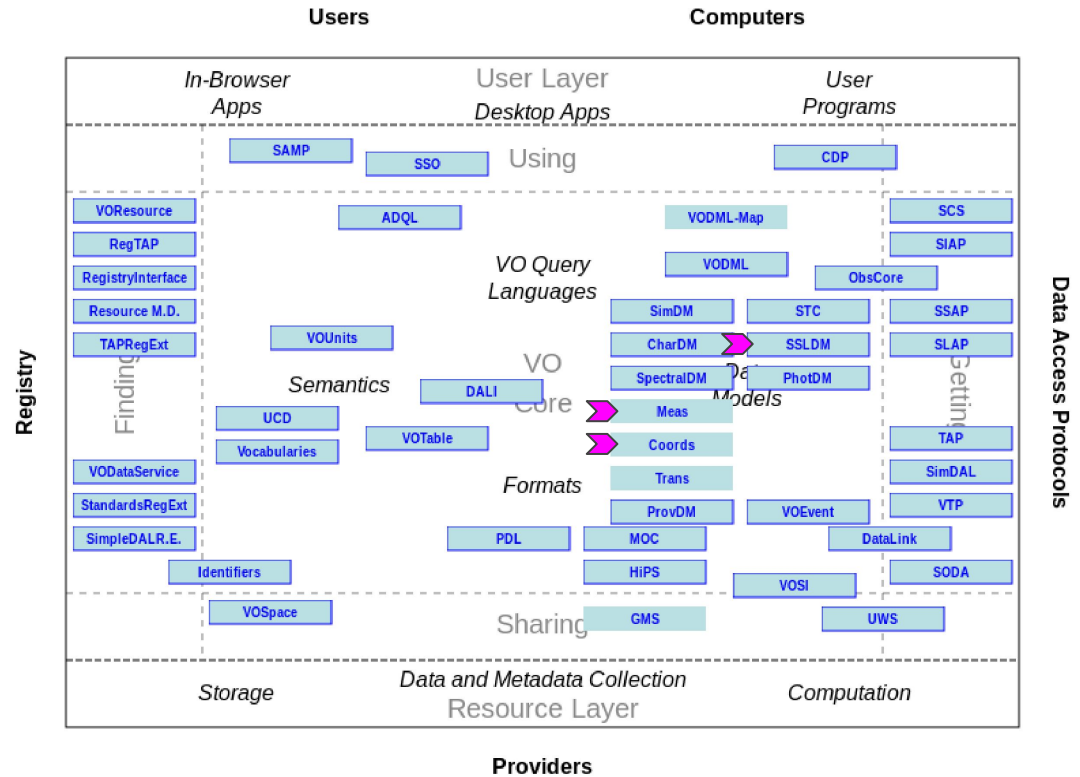- Manage standards development on https://github.com/ivoa-std

IVOA Document Standards and Processes

IAU Standards

possible IAU endorsement

Recommendations

PR published, 2 weeks
IVOA-wide RFC, TCG review, 6 weeks
TCG vote, 2 weeks
IVOA Exec review and approval

Proposed Recommendations

agreement within Working Group

Working Draft

Notes

Current & Recent Standards Activity

- Approved Recommendations
  - Provenance DM 1.0

Current & Recent Standards Activity

- Proposed Recommendations
  - Measurements DM 1.0
  - Coordinates DM 1.0
  - SSLDM 2.0

- Active Working Drafts

  - individual Working Groups will report

Final thoughts…

- **Feedback** from the community → **improve** existing standards

- Deliver early and **iterate** with projects on **science priorities**

- Think big → take **incremental steps** to get there

- Be patient and make the best of this Virtual InterOp