

# State of the TCG

Patrick Dowler & Janet Evans

Location: everywhere  
2021-05-25



# Technical Coordination Group

- Who is the TCG?
  - Chairs and vice-chairs of working groups (WG), interest groups (IG), and committees (~30 people)
- What do they do?
  - Build **consensus** in the WG and the provider & user 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
    - new normal: 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
  - renewal ←
  
- all positions are appointed by the IVOA Executive Committee

	Chair	Vice-Chair
TCG	Patrick Dowler ←	Janet Evans ←
<b>Working Groups</b>		
Applications	Tom Donaldson ←	Raffaele D'Abrusco ←
Data Access Layer	Marco Molinaro ←	James Dempsey ←
Data Model	Laurent Michel	Jesus Salgado
Grid and Web Services	Giuliano Taffoni	Christine Banek
Registry	Theresa Dower ←	Pierre Le Sidaner ←
Semantics	Markus Demleitner	Carlo Maria Zwoelf
<b>Interest Groups</b>		
Data Curation & Preservation	André Schaaff ←	Tim Jenness ←
Education	Chenzhou Cui ←	Hendrik Heint ←
Knowledge Discovery	Matthew Graham ←	
Operations	Mark Taylor	Steve Groom
Radio Astronomy	Mark Lacy	Francois Bonnarel
Solar System	Baptiste Cecconi ←	Steven Joy
Theory	Gerard Lemson	Simon O'Toole
Time Domain	Ada Nebot ←	Mark Cresitello-Dittmar
<b>IVOA Committees</b>		
Exec	Chenzhou Cui	Bruce Berriman
Standard and Processes	Christophe Arviset	
Science Priorities	Bruno Merin	



# 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 document development on <https://github.com/ivoa-std>



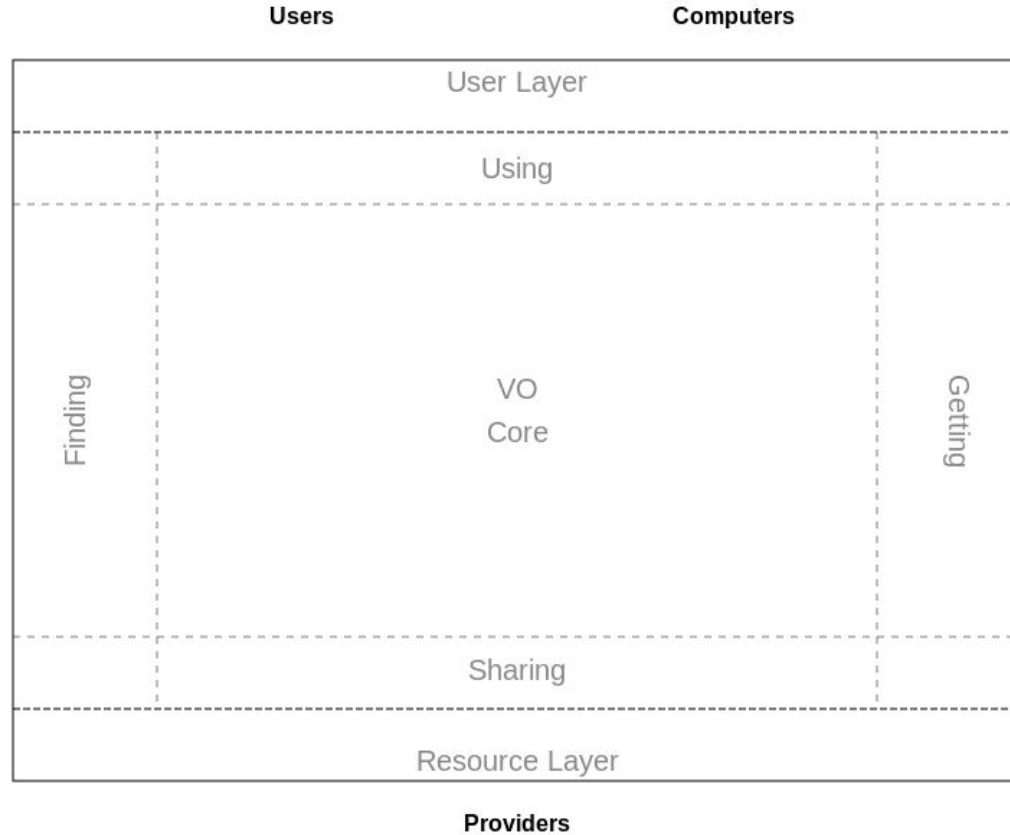
# IVOA Architecture

- IVOA Architecture Note released Nov 2010
  - review and revision by the TCG
  - Working Draft: <https://github.com/ivoa-std/architecture>
  - Architecture Note 2021 is ~complete (to be posted soon)
- 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

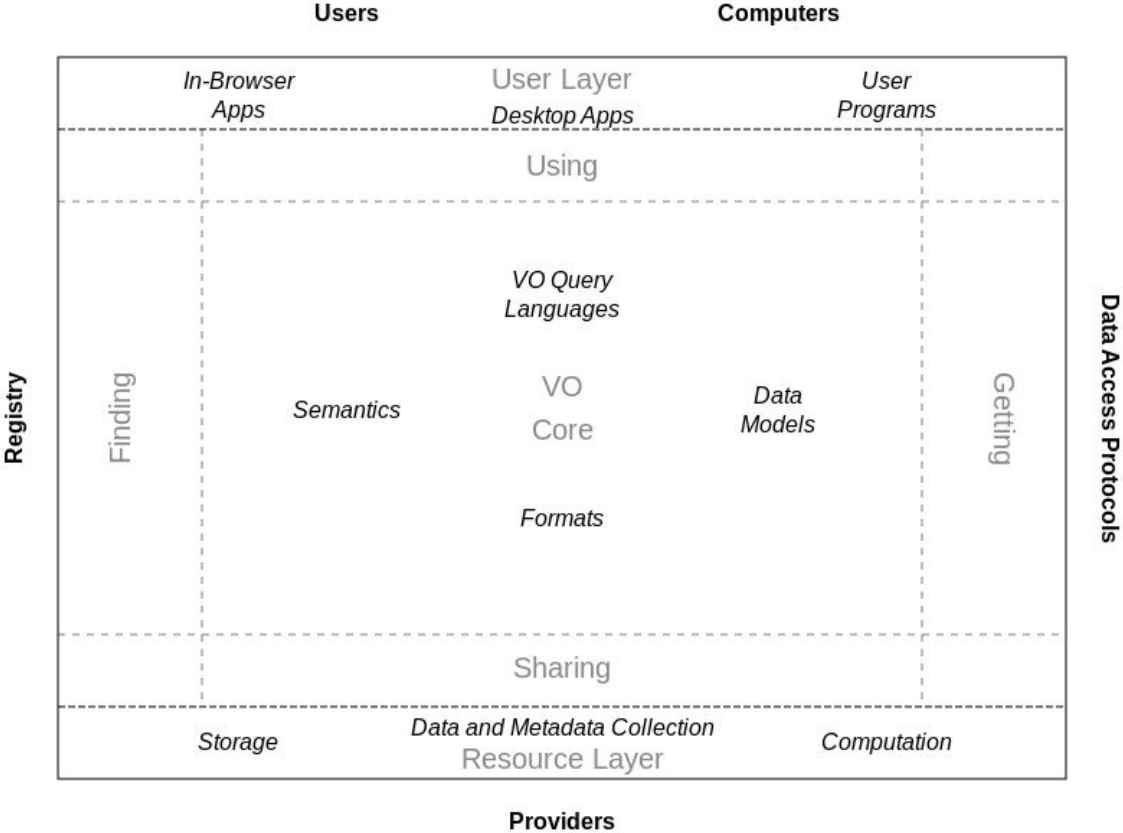
<http://www.ivoa.net/documents/Notes/IVOAArchitecture/index.html>



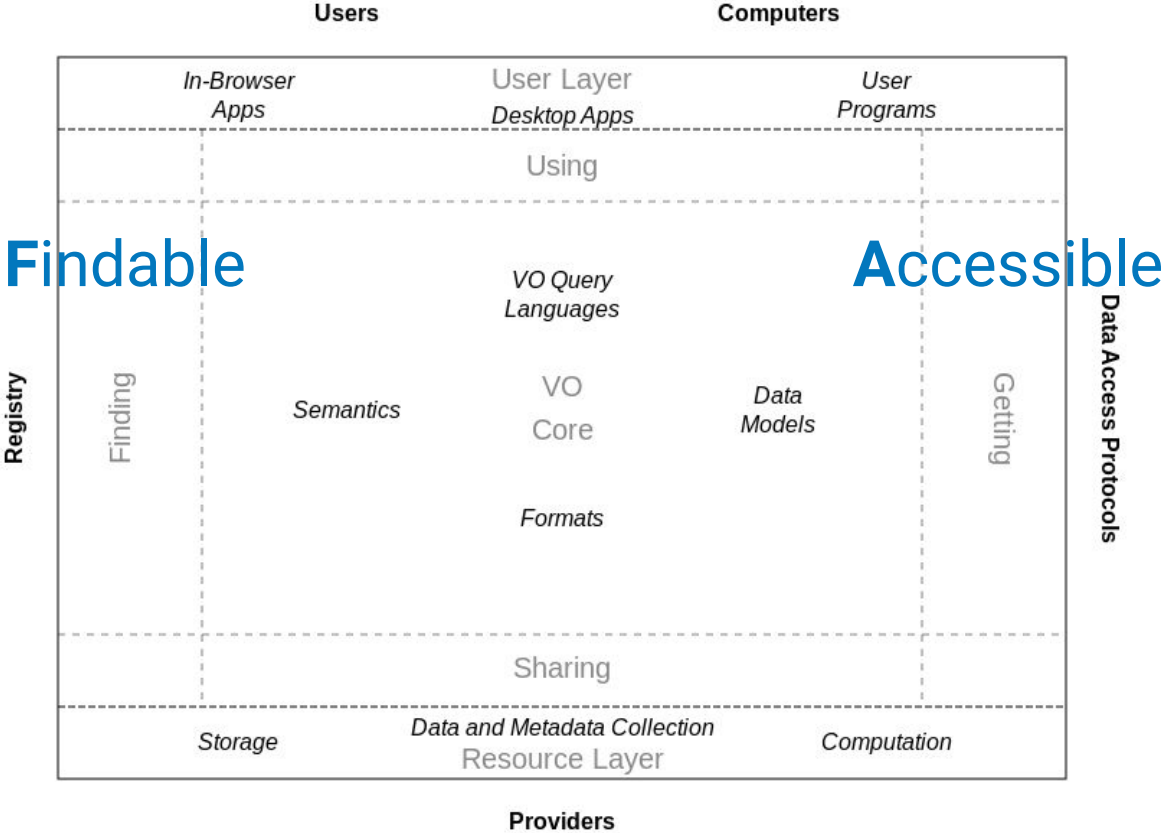
# IVOA Architecture - Level 0



# IVOA Architecture - Level 1

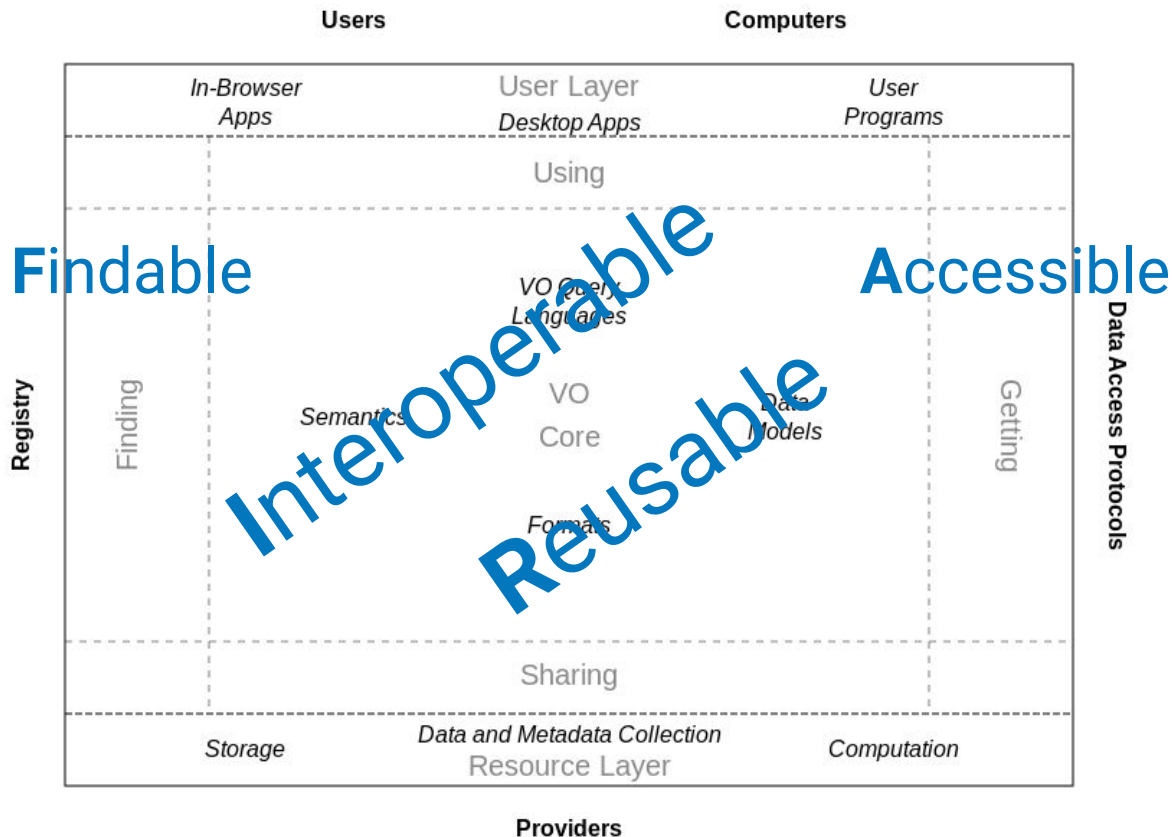


# IVOA Architecture - Level 1

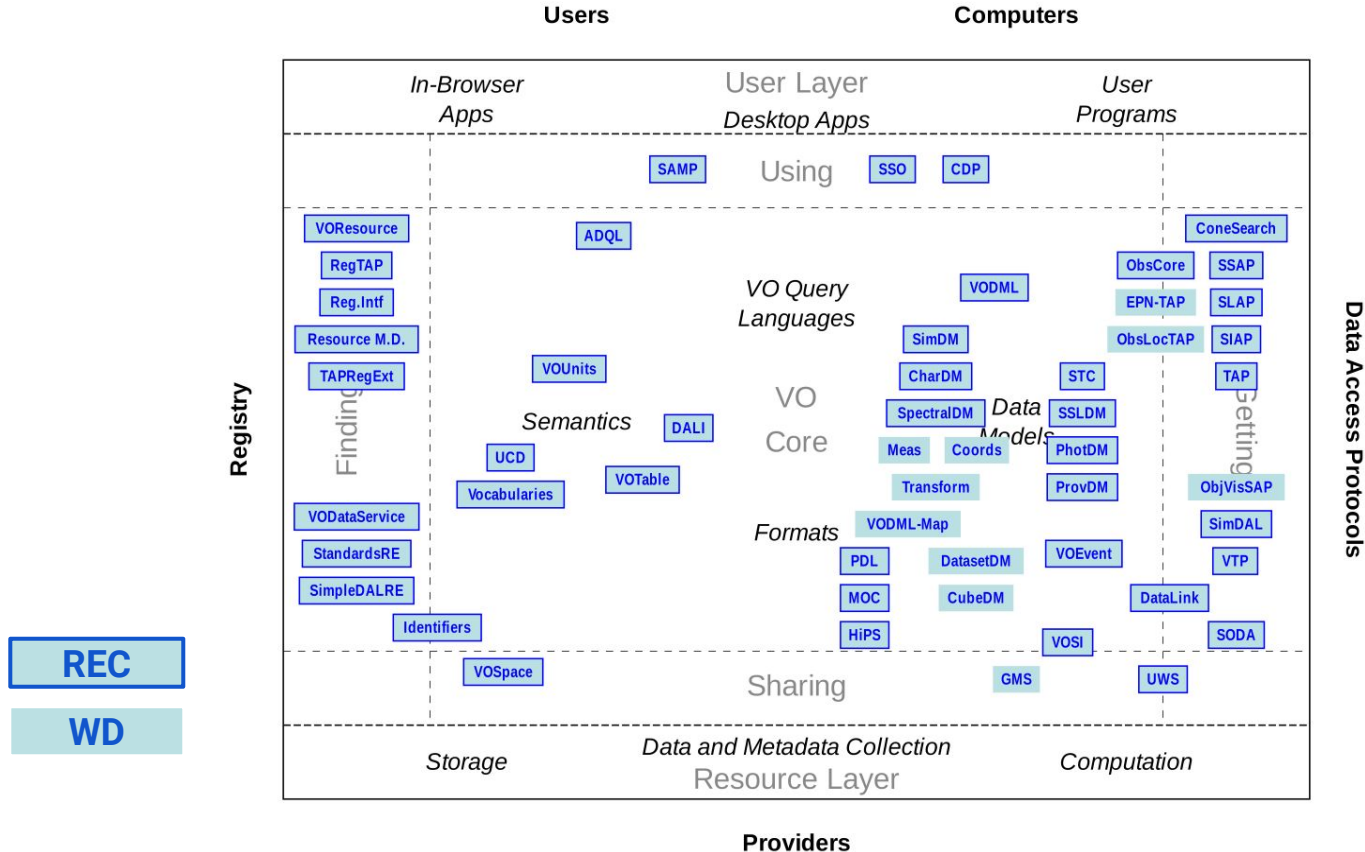




# IVOA Architecture - Level 1

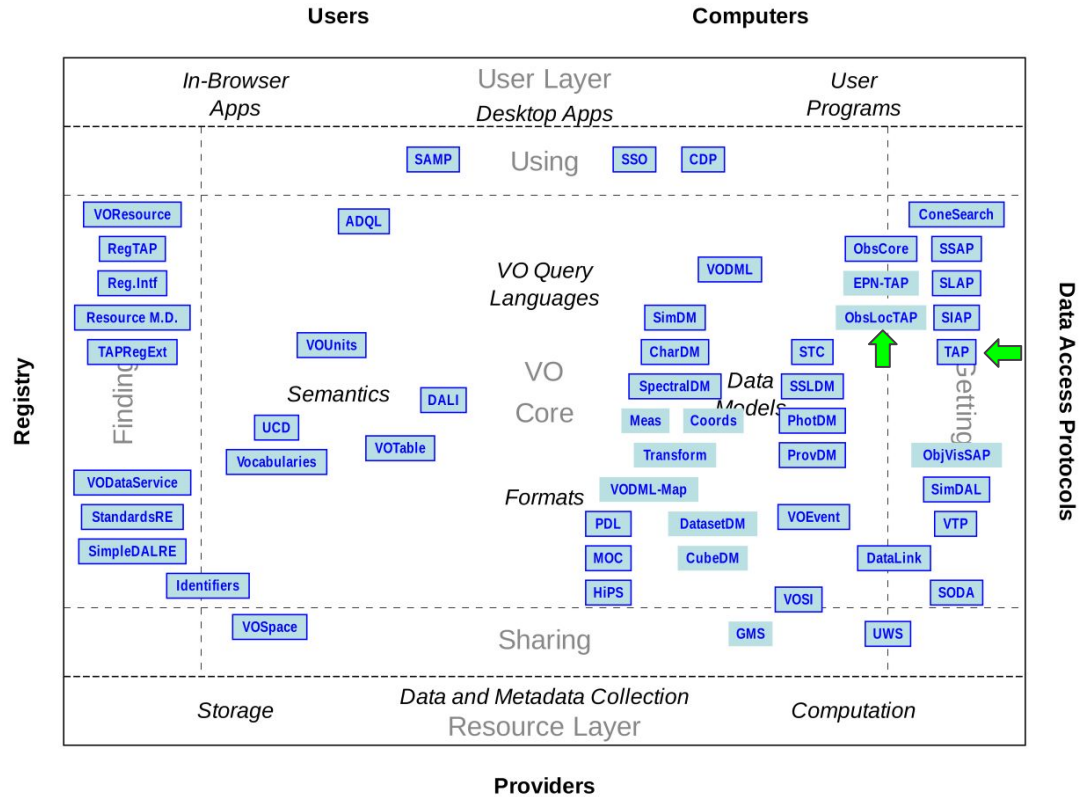


# IVOA Architecture - Level 2





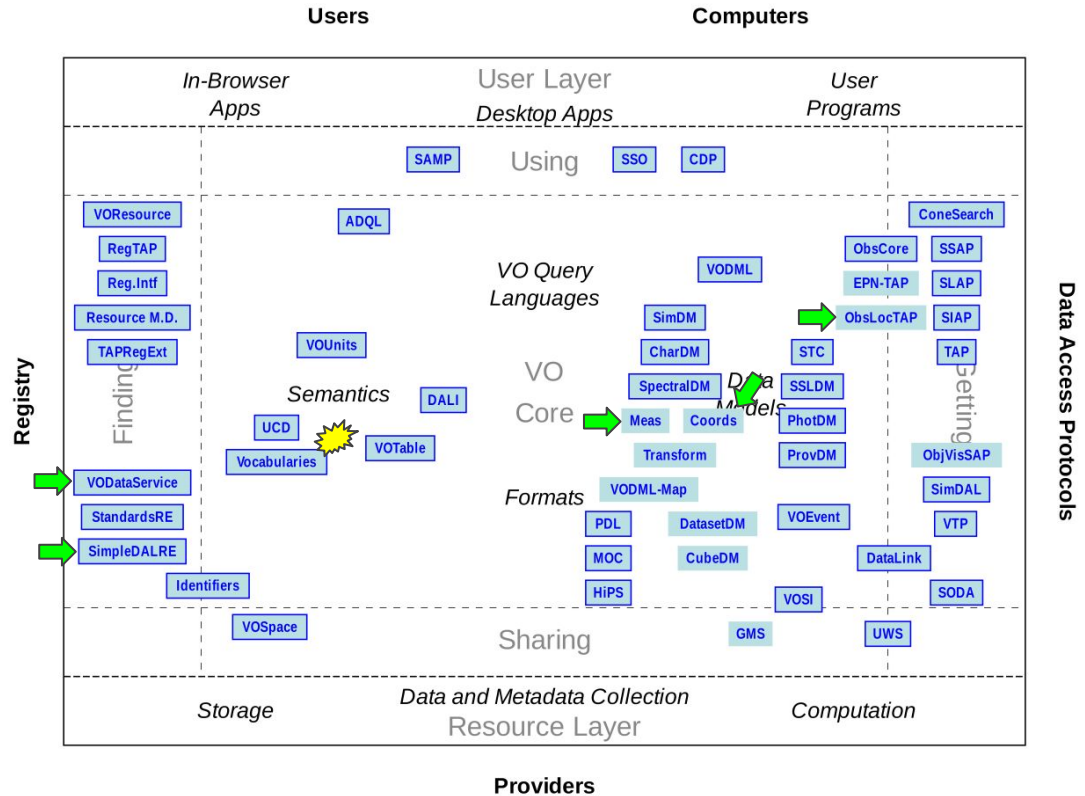
# Current & Recent Standards Activity

- Approved Errata
- Approved Endorsed Notes
  - UDF Catalogue →



# Current & Recent Standards Activity

- Recommendations 
  - Vocabularies 2.0
- Proposed Recommendations 
  - Measurements DM 1.0
  - Coordinates DM 1.0
  - ObsLocTAP 1.0
  - SimpleDalRegExt 1.2
  - VODataService 1.2
- 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
- summary of activity
- projects future work

## IVOA Roadmap for 2020B

This outlines the roadmap for development activities by the various IVOA working and interest groups in 2020/2021 between the Nov and May Interops.

- [IVOA Roadmap for 2020B](#)
  - [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/2020BRoadmap>



# 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



# Final thoughts...

- Accept **feedback** from the community
  - **improve** existing standards
- Engage and work with the community on **science priorities**
- Dream: think big but take **incremental steps** to get there

Welcome to the Virtual InterOp

