

State of the TCG - Closing Remarks

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The InterOp -- Observatoire de Paris
2019-05-17



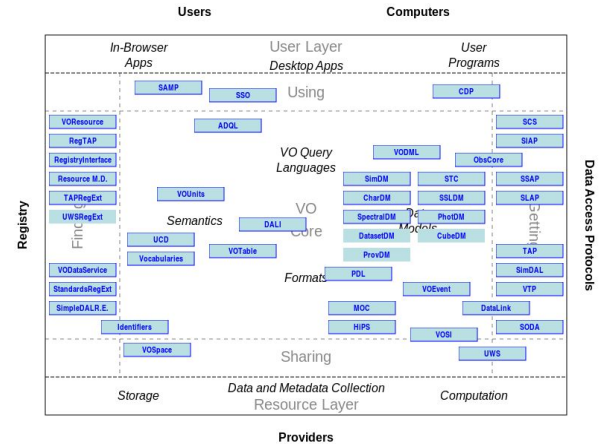
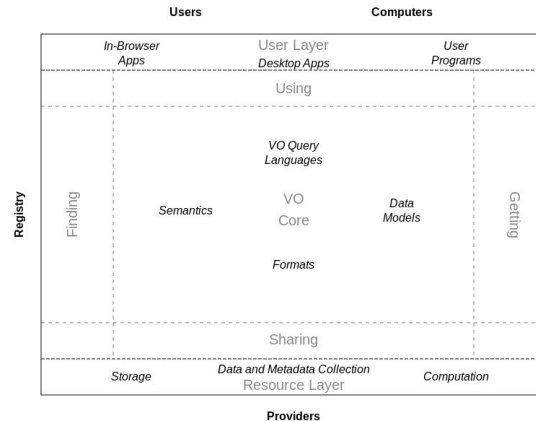
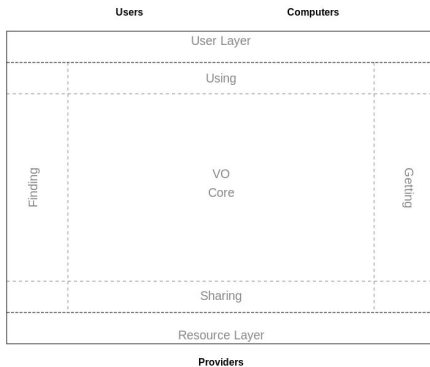
Standards currently in the REC process

- Proposed Recommendations
 - TAP 1.1: ~complete
 - UCDlist Maintenance 2.0: **resolving technical issues**
 - Provenance DM 1.0: **the process is working**
- TCG members will be notified and will complete review process in the very near future



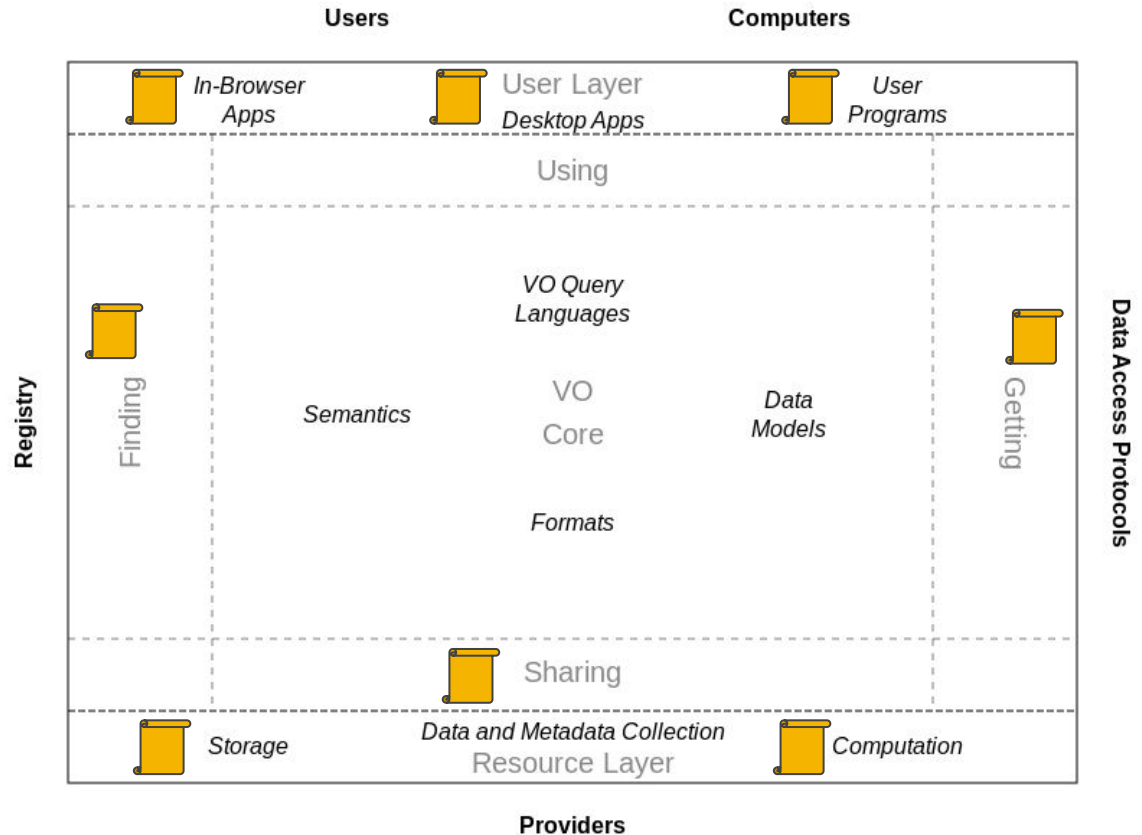
IVOA Architecture

- IVOA Architecture Note -- new work started
 - <https://github.com/ivoa-std/architecture>
 - goal: Endorsed Note in early 2020
 - FAIR → organisation → standards → HOWTO



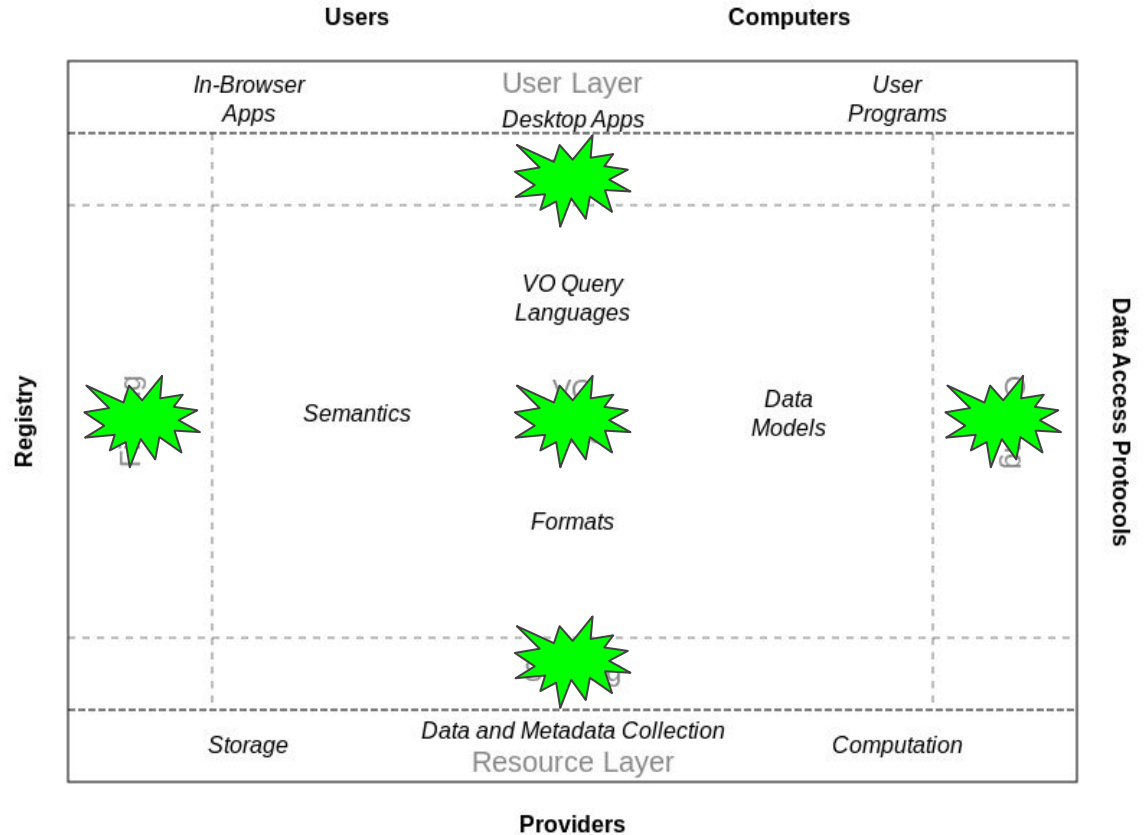
Themes

- Authentication & Authorization is a key use case for many projects
 - Identities & Credentials & Realms
 - SSO, VOSI, GMS
 - VOResource & VODataService
 - DALI, TAP, ...
 - authentication: **working on it**
 - authorization: **working on it**



Themes

- Science Platforms
- Code to the Data
 - people are working on it
 - share ideas
 - share code
 - **identify emerging standards**



Publishing Data in the VO

- Community is invited to provide input
- TCG members to maintain and review content
- TCG members to finish review and rework of revamped page

Publishing Data in the VO

This document is intended as a guide to scientists, archives and developers who wish to provide astronomical data in the Virtual Observatory but are unfamiliar with the details of the Virtual Observatory protocols and may find the plethora of VO standards intimidating. It discusses the advantages of the VO approach, how you might decide which VO capabilities are useful to you and your users, how to learn how to implement the VO standards, and how to make your new capabilities visible to the rest of the VO.

Why publish in the VO?

There are many scientific and practical benefits to publishing your data in the VO. Your data will be interoperable with other resources from all wavelength regimes and from astronomical institutions around the world making multimission, multiwavelength, multiarchive research much more feasible. Your data will automatically become visible in many widely used tools like the TOPCAT and Aladin Java clients, and data portals like the MAST astronomy data portal. Scientists who may not know of your resources can nonetheless discover them when they make queries looking for data with the appropriate characteristics.

<http://wiki.ivoa.net/twiki/bin/view/IVOA/PublishingInTheVO>



IVOA Roadmap

- Roadmap page is updated by WG/IG chairs after each InterOp meeting
- Link to the current Roadmap on IVOA web site

IVOA Roadmap for 2019A

This outlines the roadmap for development activities by the various IVOA working and interest groups in 2019 between the Paris and Gronigan Interops.

- [IVOA Roadmap for 2019A](#)
 - [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](#)
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 - [Science Priorities](#)



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WG	Standard	Status	Driver	Expected	Dependency	??
DAL	TAP-1.1	PR	consistency authentication	summer 2019	VOResource-1.1 erratum-1	
					
DM	Coordinates-1.0	WD	CSP: Multi-D CSP: Time Domain CubeDM update STC			
					



On behalf of the TCG...

- Thank-you to everyone for their constructive contributions and sometimes hard work reaching consensus.
- Special shout-out to all the hackers who worked on Astropy + VO!
- Very special thanks to all TCG members, but especially



Mark Cresitello-Ditmar & Laurent Michel (DM WG)

Brian Major & Giuliano Taffoni (GWS WG)

Mireille Louys (Semantics WG)

Tom McGlynn & Mark Taylor (Ops IG)

#time-served #back-to-work

+Janet Evans for wrangling all the requests and putting the programme together
+ local organisers for hosting is this week: Baptiste, Pierre, & colleagues

