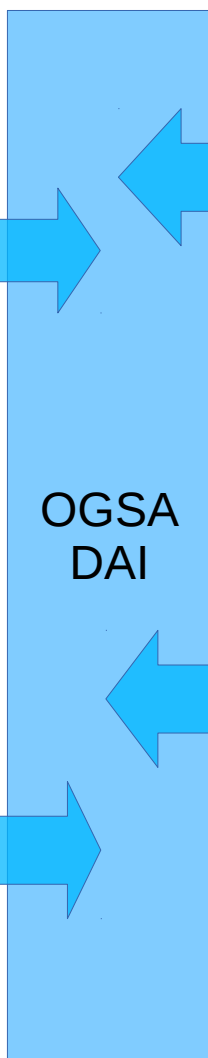
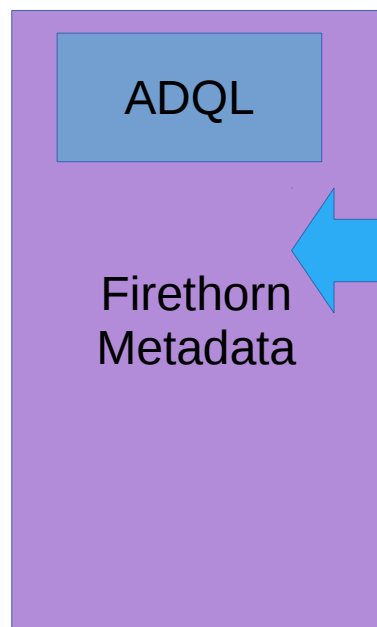


Wide Field Astronomy Unit (WFAU)

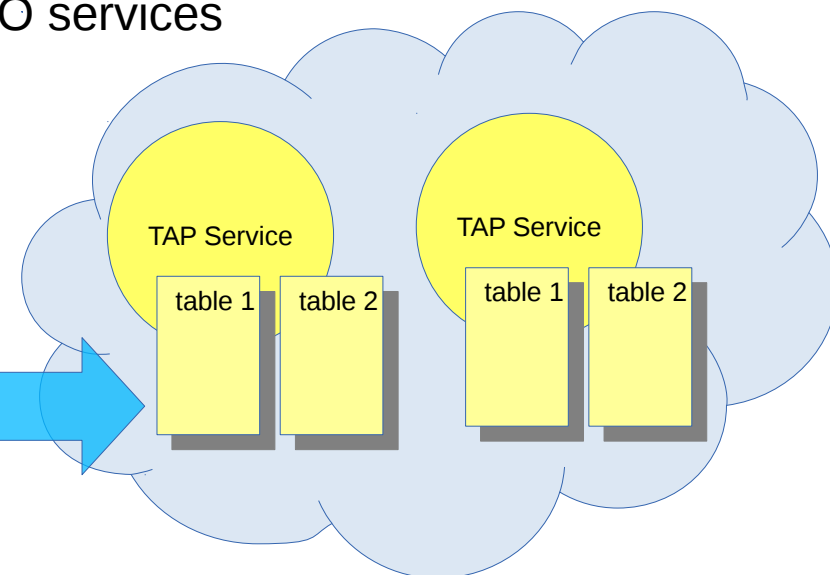
Virtual Observatory
Data Access

Internal architecture

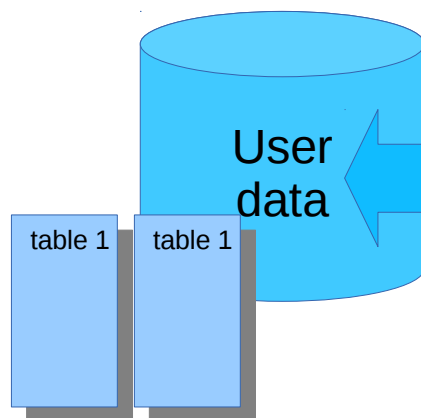
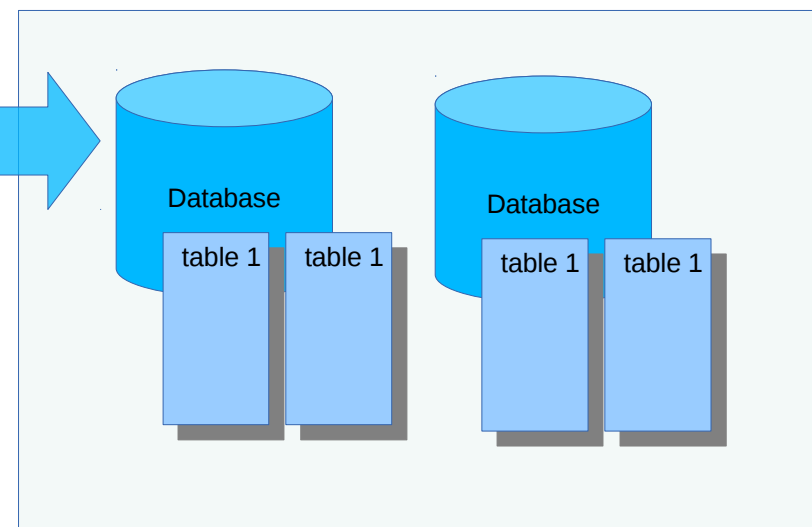
User interface



VO services

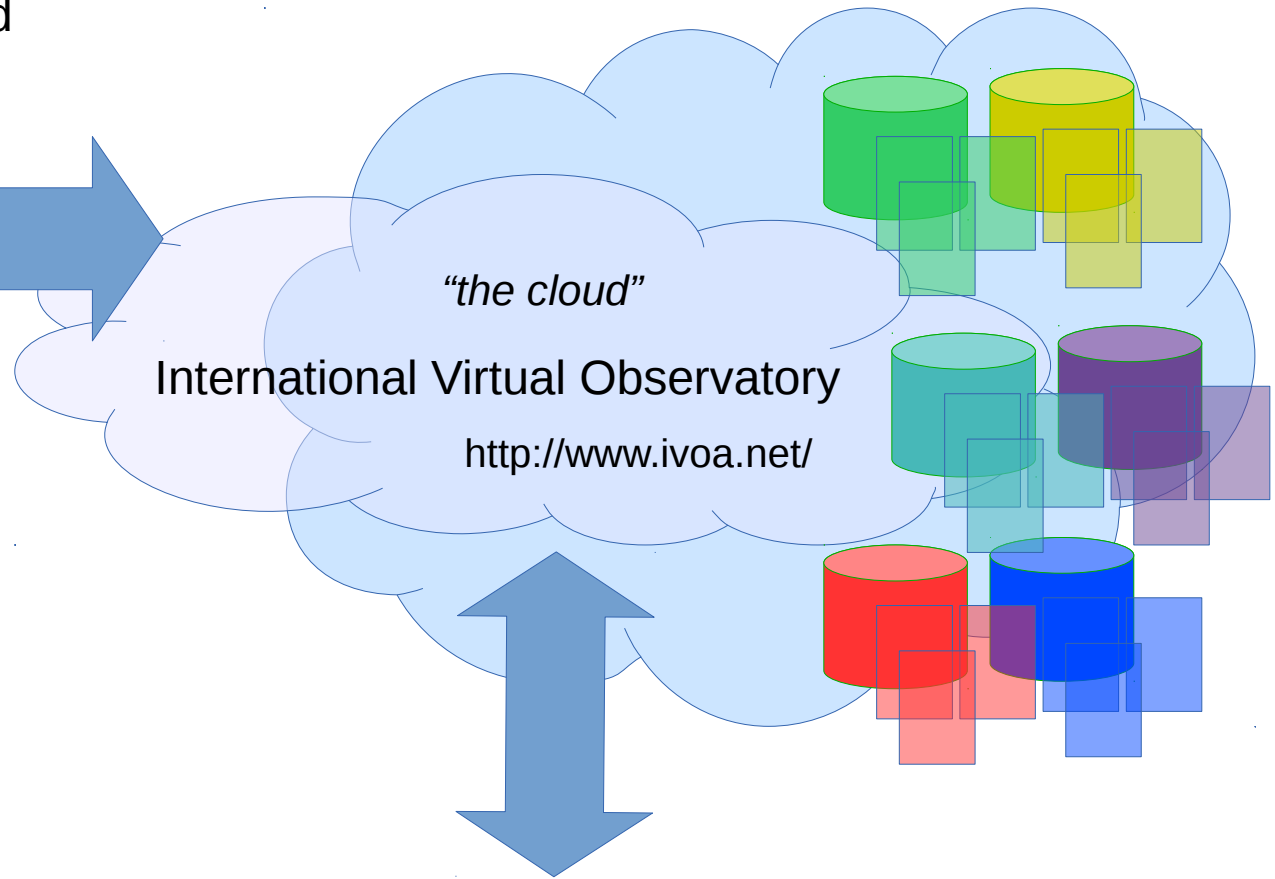
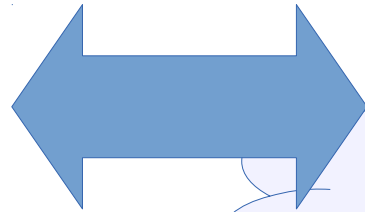
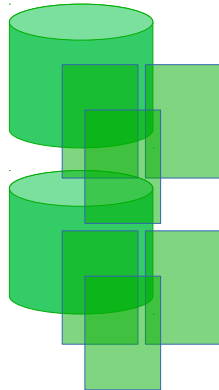


Local catalogs

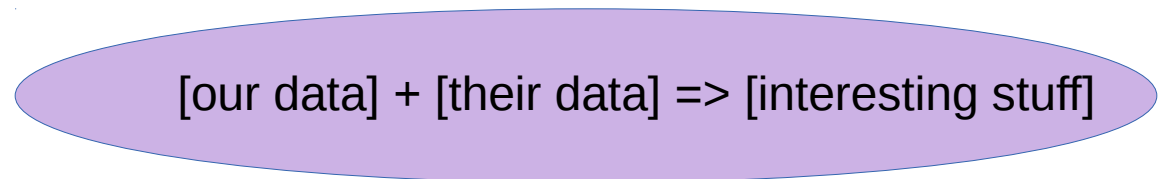


What is it all for ?

Publishing our data into the cloud



Access to other people's data from the cloud



Successes:

- Atlas OSA ADQL queries - in place and working
- Test connection to external VO data :-)

Opportunities:

- Influence the VO and IVOA standards (no one else has done this yet)

Failures:

- Problems with testing SQL/ADQL compliance
- Limited progress on VO side of the project

Threats:

- Verifying full ADQL/SQL correctness is open ended
- Two different projects with different priorities

Concerns:

- WebPy is no longer supported – support from an active open source community
- ADQL is too limiting - we are involved in defining and evolving the standard. However change takes time and consensus.
- Incompatible with SQLServer – we are getting there, ongoing process of identifying and resolving the issues
- Performance issues – work in progress, some already in place, more to come