IVOA Interoperability Workshop

Boston, 24-28 May 2004

IVOA Today

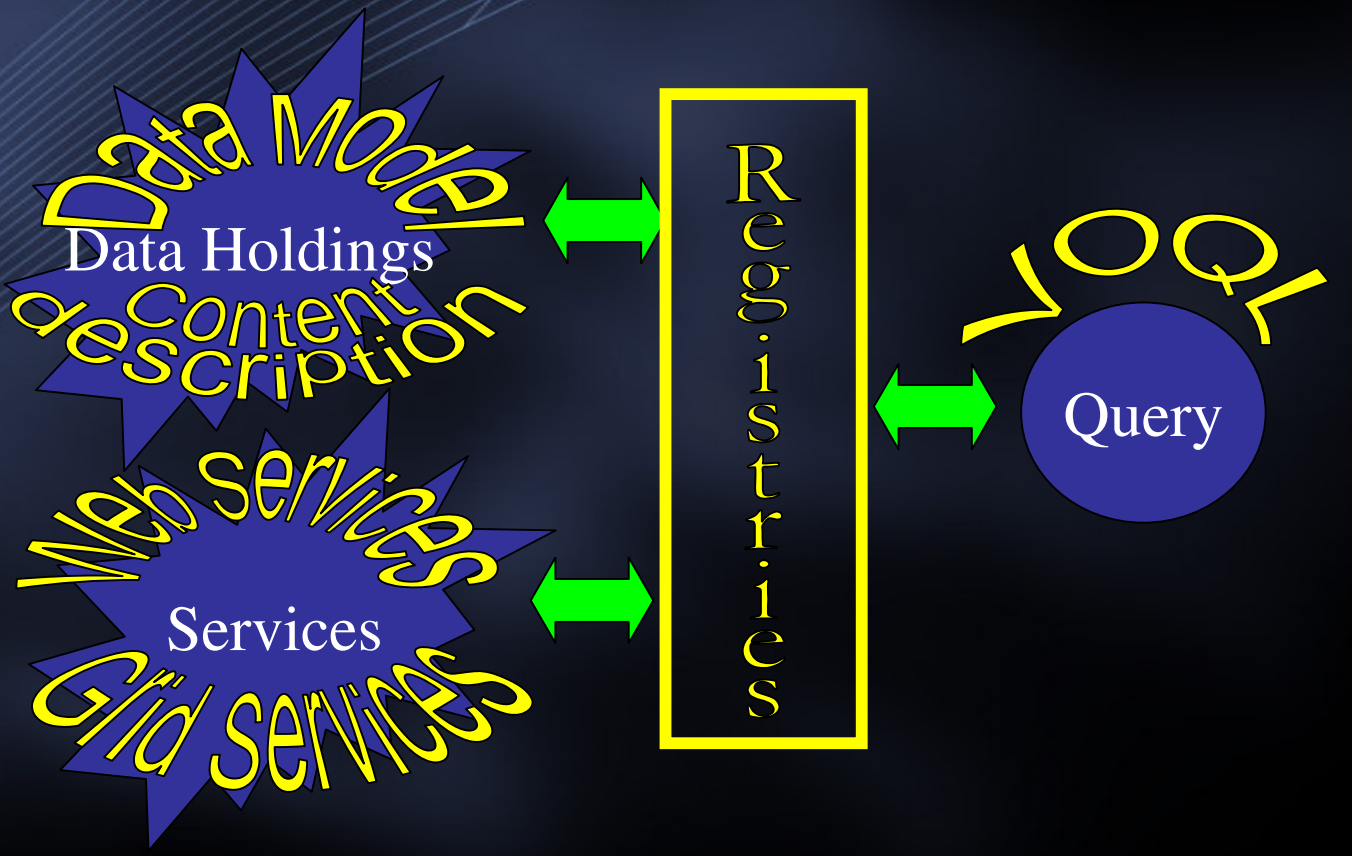
- International VO Alliance
  - 14 projects, ~$25 million in R&D

IVOA "business plan"

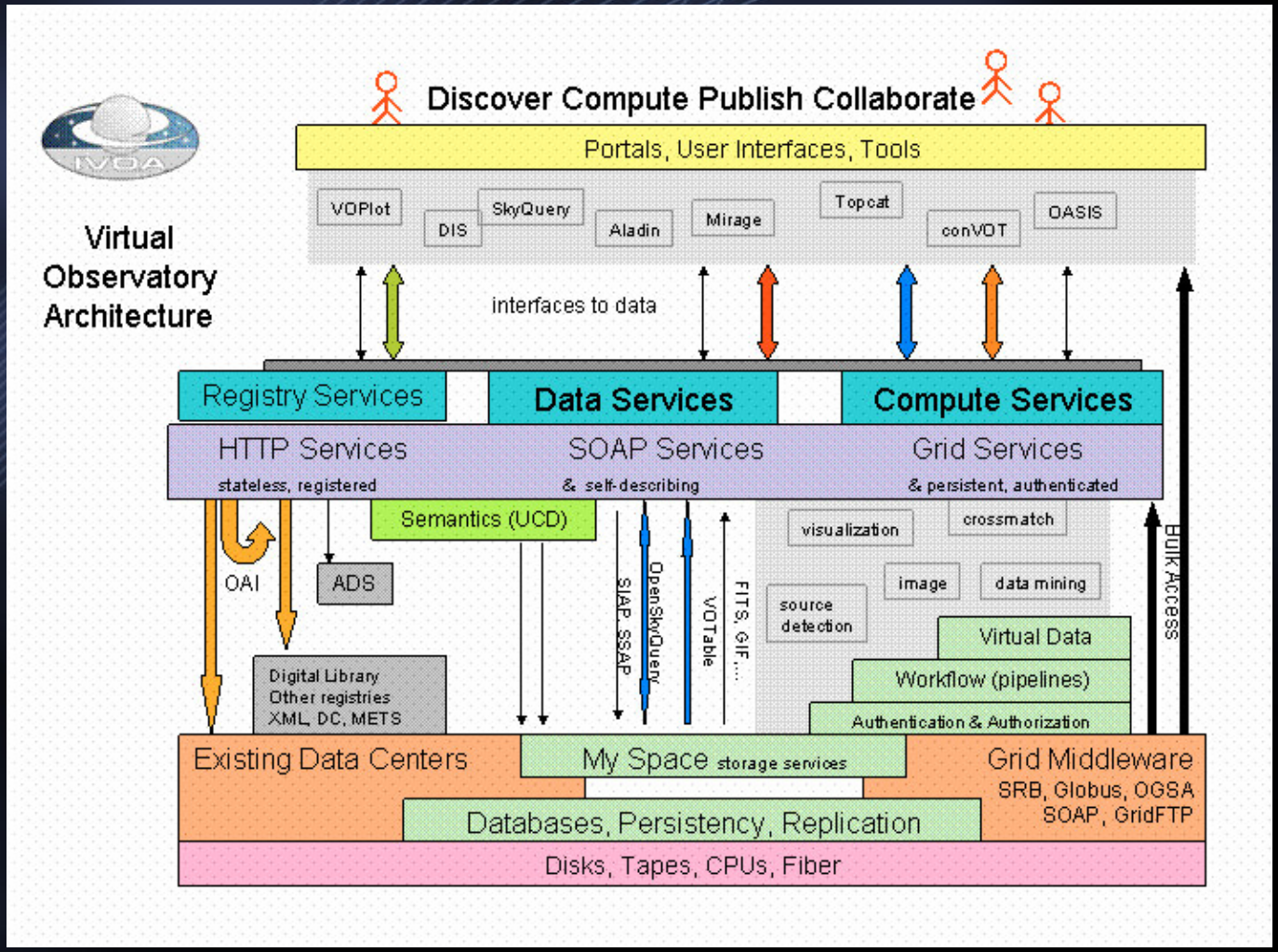
- Achieve the IVOA mission by:
  - Defining new standards and role them in a timely and effective manner
  - Forging links to governing/policy/funding/project bodies
    - IAU, NSF, EU, ESO, ESA, NASA, GGF, OECD, ALMA, SKA, LSST, OWL,,,
    - ***Access to facilities and their data services is as important as the facilities themselves***
  - Conducting regular, coordinated demonstrations to show progress and stay on-track
  - Making a plan to build the essential infrastructure and stick to it - the roadmap

What do we need?

- The guess in January 2003:
  - Registries
  - Data Models
  - VOQL
  - Grid/Web Services
  - UCDs
  - Data Access Layers
  - VOTable



May 2004: A Checkpoint



The clearer road ahead

January 2004	-Coordinate dinteremediate science demonstrations, including in corporation of grid based computing and data storage technologies. -VOTable 1.1	**Partial[7]** **Partial[8]**
March 2004	-Resource Metadata V1.0 -Data Model V0.5	**Completed** **Completed**
May 2004	-Data Model V0.9 -UCD V1.1 -Simple Spectrum Access Protocol (SSAP) V0.9 -SIAP V1.0 -Astronomical Data Query Language (ADQL) V0.8 -Web Services Standard Interface V0.5 -Interop Workshop, 24-27 May 2004, Cambridge (USA)	
October 2004	-Initial agreements on registry curation and maintenance -SSAP V1.0 -SIAP V1.9 -ADQL V0.9 -OpenSky Node V0.9 -Registry Harvest V0.9 -Data Model V1.0 -IVOA Interop workshop, Pune, India, 27 September - 1 October 2004	
January 2005	-Coordinate documentation of science demonstrations including registry discovery and harvest, web services, simple image and spectrum access. -IVOA Execeview and update of Roadmap	

IVOA Roadmap II

Success in Boston is critical

- IVO "first science" is happening
  - "crafted" demos
- We need to demonstrate real access to distributed, multi-wavelength, multi-format, data and services
  - Registry definition and harvest, simple image and spectrum access and basic data model constructs
- Target: January 2005 demos for complex use cases and "real" IVO-enabled science
- 2005 marks the transition for R&D to IVO startup

THANKS!

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