Astrophysical Virtual Observatory

An initiative involving:

ESO, ESA (through ST-ECF), Astrogrid, CDS, CNRS, Jodrell Bank

Astrophysical Virtual Observatory

It aims:

- To provide comparative analysis of large sets of multi-wavelength data
- To reuse of data collected by a single source
- To provide uniform Access to data
- To make data available to less-advantaged communities
- To be an educational tool

Astrophysical Virtual Observatory

It aims:

- Define Scientific Requirements
- Define the data standards to interface archives
- Conduct feasibility programme for interoperability
- Assess, develop and deploy scalable solutions for AVO storage and computational needs using GRID technology
- Test GRID technology in the Astronomical domain
- Expand the concept by collaborating with other worldwide initiatives in the U.S.A, Canada and Australia