



Service integration and portal



### Objects

Dictionary  
Bibliography  
Name resolver  
TAP



### Catalogues

Photometry service  
Associated data service  
FTP  
TAP



### Sky Atlas

Data integration  
Surveys  
HiPS/MOC

+ Aladin Lite Embeddable widget



Catalogue  
Cross-matching  
service

## Scientific content curation

Processing of published literature and reference data

Acronyms  
Identifiers  
Citations  
Basic Data

Cross-identifications  
Catalogues/Tables  
Associated data  
All-sky surveys, HiPS  
Models/Simulations

VizieR and SIMBAD data ingestion pipelines  
Tools: DJIN, COSIM, BCS



## Development

R&D to support development, update and maintenance of CDS science services

Innovations in astronomical data techniques

Astronomy Informatics

R&D 'watch'

### R&D programs

New tech testing  
Training

Technical infrastructure operations and maintenance

Servers  
Storage  
Security  
Mirrors

Science user support

Projects

Virtual Observatory

Astro. community engagement

Journals / Agencies /  
Observatories / Data Centres

Coordination with Open Science Data Infrastructures