



Astronomy ESFRI & Research Infrastructure Cluster
ASTERICS - 653477



INAF – OATs VO status

Service publishing – SSO – Auth&AuthZ

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INAF-OATs ATG

- Astrophysical Technology Group
 - Data Center (IA2)
 - GRID/Cloud (EGI)
 - Space Science Data Center (Planck-LFI, EUCLID)
 - Control software (ESPRESSO)



IA2 Data Center

- Italian center for Astronomical Archives
 - Data archiving
 - LBT (distributed), TNG, Asiago, ...
 - Provides support to astrophysical projects
 - VO and non VO technical support
 - GAPS, VIALACTEA, ...
 - Involved in the VO
 - VO service publishing solution
 - VO-Dance (under full revision)



Update VO-Dance framework

- VO-Dance (JavaEE web app)
 - SCS, SIA, SSA
 - Required an external application for TAP
- Moving to a *cloud* solution
 - Protocol interfaces in Java
 - Language independent data access backend



User experience - SSO

- WD-SSO-2.0 and Note on AuthZ
 - Requirements more and more towards mixing public and proprietary (period) data and services
 - 1 user : 1 set of credentials
 - Easier for users, harder for providers
 - Authentication *easily* agreeable
 - Authorization: no one wants someone else setting user privileges on their server



User experience - SSO

- IA2 internal solution for A&A
 - INAF Shibboleth federated IdP
 - Internal AuthZ solution
 - Archives&Telescopes, Projects, ...
 - Requires a distributed management system
- Involvement in SKA A&A proposal
- Collaboration with CADC
 - Towards federating services



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