

VO-Dance

a <u>simple service publisher</u>

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motivation

dynamically create compliant DAL services
out of a generic database table or view
either local or remote
on the fly

 allow users which want to publish their datasets to the VO to achieve this goal in a *few*, *simple steps* without

dealing with the technical details of standard services development

having to move their data.





requirements

- access to the table or view
- o define general parameters
 - service name
 - service type
- define a data access policy, if needed
- fill in database connection parameters;
- define column metadata
 - UCDs
 - units
 - arrays
 - typecasting





IVOA Interoperability Meeting, Napoli 15-20 May 2011

Register your new service!



interface

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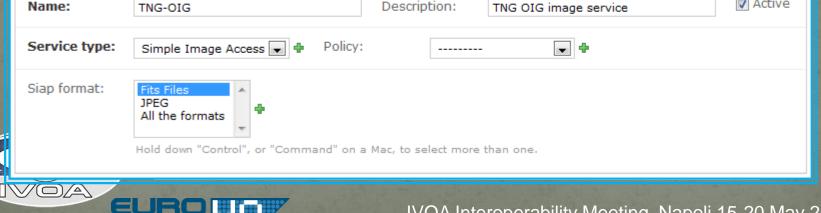
interface

General Infor

International Content

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additional features



policy
allow public data restrictions

incomplete at present
can be bypassed by view

type casting

conform DBMS type to DAL protocol requirements
a bit tricky





published services

capabilitie

DAL protocols
SIAP
cone search
DBMSs
MySQL
Oracle

published & registered

3 SIA services for TNG
11 Planck cone searches
ARNICA SIA service
4 cone searches from SDSS extracted candidate quasars and galaxies (with photometric redshifts)



...what's next



other DAL protocols implementation
SSAP
TAP ?
support more DBMSs
PostgreSQL
interface refinement

VO-Dance release ... not asap



