1. DataCollections in Use

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This is basically a call to support VODataService $1.1\ DataCollections$ and VOResource relations in registry interfaces.

- Scenarios
- In VOResource
- The Plea

2. Scenario for DataCollections I

A SIAP service providing images of lensed quasars from multiple observatories.

I want

- one SIAP service to
 - keep all-VO searches feasible and to
 - · provide one-stop shopping for the lensing community.
- and the metadata for each data collection (observatory, instrument, coverage, creator, etc)
 - discoverability
 - provenance
 - · satisfying the data provider's vanity

3. Scenario for DataCollections II

A TAP service giving access to many tables.

I want

- a single TAP service giving access to all data to
 - allow joins without large overhead
 - keep all-VO TAP searches (e.g., ObsTAP) feasible
- and records for all the individual tables in the registry (reasons see above).

4. ...in VOResource, data

Note how the data is exposed both using a customSSIAP/web service and throught ObsTAP.

5. ...in VOResource, service

6. So what?

- Correct me if I'm wrong
- Registries, registry clients: Please let people find DataCollections and the services for them
- Data providers: Users don't want to query hundreds of services if they can avoid it so, services over collections are a nice trait whereever they make sense
- Should we recommend registering DataCollection for what's in ObsTAP services?

The VOR records documents were generated by the GAVO Data Center Helper Suite¹'s OAl-PMH interface.

¹ http://soft.g-vo.org/dachs