Fig. 1

Fig. 2

Fig. 3

1. SimpleDALRegExt 1.1

(cf. Fig. 1)

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(cf. Fig. 2)

- A gentle reminder
- SIAv2
- . . . and a dash of Identifiers 2

(cf. Fig. 3)

2. SimpleDALRegExt?

SimpleDALRegExt defines Capability extensions for various simple DAL protocols for transmitting concepts like

- test queries
- limit (to cones, region sizes, image extents, records returned. . .)
- service types (e.g., cutout vs. pointed)
- data sources (survey vs. theory vs. artificial)

It was planned that the capability types would be used for service discovery (as in: look for cs:ConeSearch-typed capabilities to find SCS servcies). . .

3. StandardIDs

. . . but in reality service discovery went via standardID rather than xsi:type.

For instance, SIAv2 says: "We have a capability of arbitrary type with standardID ivo://ivoa.net/std/SIA#query-2.0".

Problem: SimpleDALRegExt 1.0 fixes standardID for capability type. Hence, sia:SimpleImageAccess doesn't work for SIAv2 services.

4. SimpleDALRegExt 1.1

Main change: The defined types

- cs:ConeSearch
- sia:SimpleImageAccess
- ssap:SimpleSpectralAccess
- slap:SimpleLineAccess

can now be used with arbitrary standardIDs.

Plus, examples adapted to new-style standardIDs.

5. Test Queries

Test queries in SimpleDALRegExt 1.0 have mainly been "semantic" (position, radius, etc).

This didn't seem to buy a lot over just giving a query string.

Move SimpleDALRegExt to go ssap:testQuery-wise?

VOResource 1.1 will probably have a similar facility in interface.

6. So?

Anything else you've always wanted
in S*P Registry Records?

E.g.: What about maxPolygonSize?