1. SimpleDALRegExt 1.1

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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 services). . .

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?