1. RegTAP News

(cf. Fig. 1)

Markus Demleitner
msdemlei@ari.uni-heidelberg.de

(cf. Fig. 2)

Things happening in RegTAP since Santiago:

- securityMethod
- rights/rights_uri
- ILIKE
- Mapping Edu/DocRegExt
- Mapping DMRegExt
- STC tables

(cf. Fig. 3)

2. securityMethod

Most relevant single change, following VOResource:

securityMethod:interface   is now   1:1

Hence, `rr.interface` now has `security_method_id` column defaulting to NULL.

For clients that don't know authentication, the recommended access_url discovery pattern is now:

```
SELECT access_url
...
NATURAL JOIN rr.interface
WHERE security_method_id IS NULL
```

3. Rights

rights/rightsURI is repeatable but no longer has a controlled vocabulary, so the RegTAP 1.0 trick (#-list) won't work any more.

Previous plan: have rights/rightsURI in `rr.res_detail`.

Turns out: People were looking at `rr.resource.rights`.

New behaviour: have `rights` and `rights_uri` in `rr.resource`. But: they'll only reflect the *first* element.

4. Mapping Edu

"Education Matters" proposes a Registry extension for documents, with `res_details` paths:

- `/capability/languageCode` – a language the document is available in
- `/capability/locTitle` – localised title

Works (25 resources live), but queries get messy quickly:

```
SELECT res_title, loctitle
FROM rr.resource
  NATURAL JOIN (
    SELECT ivoid, detail_value as loctitle
    FROM rr.res_detail
    WHERE detail_xpath='/capability/locTitle') AS titles
```

This returns resource titles together with localised titles. To see what I mean with "messy quickly", try adding the language of loctitle here (hint: there's a simliar example in the note).

5. Mapping DM

VO-DML needs "prefixes" and DM URLs registered. The now come in DataModel-typed records and define two more `res_details` keys:

- `/dm-prefix`
- `/dm-uri`

Not implemented yet – pending first records.

6. ILIKE

RegTAP 1.0 has `ivo_nocase_match`. ADQL 2.1 suggests optional ILIKE.

After a bit of hesitation, I yielded.

RegTAP 1.1 in SVN HEAD deprecates use of `ivo_nocase_match` and suggests ILIKE, *requires* ADQL 2.1 with ILIKE now.

7. STC

On the three new tables `stc_spatial`, `stc_spectral`, and `stc_temporal` see other talk.

8. Implementation Status

All except DM in http://dc.g-vo.org/tap

Most others in http://reg.g-vo.org/tap

Anyone else?

Thanks!