A New Web-Based Interface to the Relational Registry

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Relational Registry “RegTAP”

- Markus Demleitner et al.: IVOA working draft at http://www.ivoa.net/documents/RegTAP/

- RegTAP talk on **Thu, May 16, 14:00-14:20, Room 106** by Markus

- interface for **searching registries**: a complete rewrite based on TAP
  - RegTAP consists of **13 official tables** and
  - **three ADQL user-defined functions** for pattern matching and string comparison

⇒ let’s provide a user interface to the relational registry browsing the VO for resource records
Our Predecessors: “VODesktop” and “Ravioli”

- lead developer: Noel Winstanley (University of Manchester)

- **VODesktop**: GUI for access to VO services
  - includes several graphical clients: for VO positional search protocols, for ADQL queries, ...

- **Ravioli**: rich web-based browser for the VO Registry

- both tools are not being developed and maintained anymore

→ our new interface has been inspired by VODesktop
Basic Features of Our Web Interface

- heart of the web interface is a **search form** which allows for entering complex queries
Basic Features of Our Web Interface

- our interface allows for registration at a **SAMP Hub** in order to send resources to other SAMP-capable clients.
DEMO
Conclusion and Outlook

- pre-alpha version of our web interface available at http://dc.g-vo.org/portal/q/ui

- interface allows for browsing the relational registry in order to retrieve resource records of your interest

- interface provides SAMP capability

- we still have to:
  - name our web interface
  - improve the display for the search results ("paging", i.e. let our users browse through pages which display n resource records each)
  - make sure that errors and warnings spit out by other SAMP clients will be displayed on our webpage
  - improve the documentation and to add a help menu

➡️ we are very grateful for any kind of feedback, comments and reviews!
References

http://www.ivoa.net/documents/RegTAP/

F. Rothmaier and M. Demleitner: A New Web Interface to the Relational Registry http://dc.g-vo.org/portal/q/ui

VODESKTOP http://www.astrogrid.org/vodesktop.html