Parameter Query
Language: PQL
Status report
PQL

- PQL V0.1 – February 2009 (Pat Dowler)
- PQL V0.2 – May 2009 (Doug Tody)
- PQL Presentation by Doug Tody, Nara 2010 (Napoli)
- PQL – A suggestion – Oct 2011 (Durand et al.)
- Working group created – May 2011??
  - Doug Tody
  - Daniel Durand
  - Laurent Michel
  - Felix Stoehr
  - Alberto Micol
Why PQL?

The Parameterized Query Language (PQL) provides a simple parameter-based mechanism for querying tabular data within the context of the IVOA Data Access Layer (DAL) Table Access Protocol (TAP). PQL complements the Astronomical Data Query Language (ADQL), providing optimized support for common queries of individual astronomical catalogues as well as table metadata, while ADQL provides a general language based upon the Structured Query Language standard (SQL), providing a powerful and general mechanism for querying relational databases. When used within the context of TAP, PQL and ADQL provide alternate ways to pose a query, with both sharing the same TAP query execution and output processing engine as well as a common service interface.
PQL

- Use cases
- Target audience (cs, scientific, software?)
- Prototypes/experimentation
- Define scope for PQL (usage by form, programmatic interface, etc...)
- Develop Roadmap (simple->complex)
- Interaction with ADQL (new functionalities?)
PQL next

- My goal: Having a <simple> PQL interface definition ready for next IVOA with implementation examples (CADC, etc...)

- In order to achieve this, we need to stay <simple> and <open> at the same time. (à la ObsCore)

- Have to define proper roadmap.

- Now let’s get input from the IVOA members