VOQL WG
Plenary Session

Sept 27, 2004

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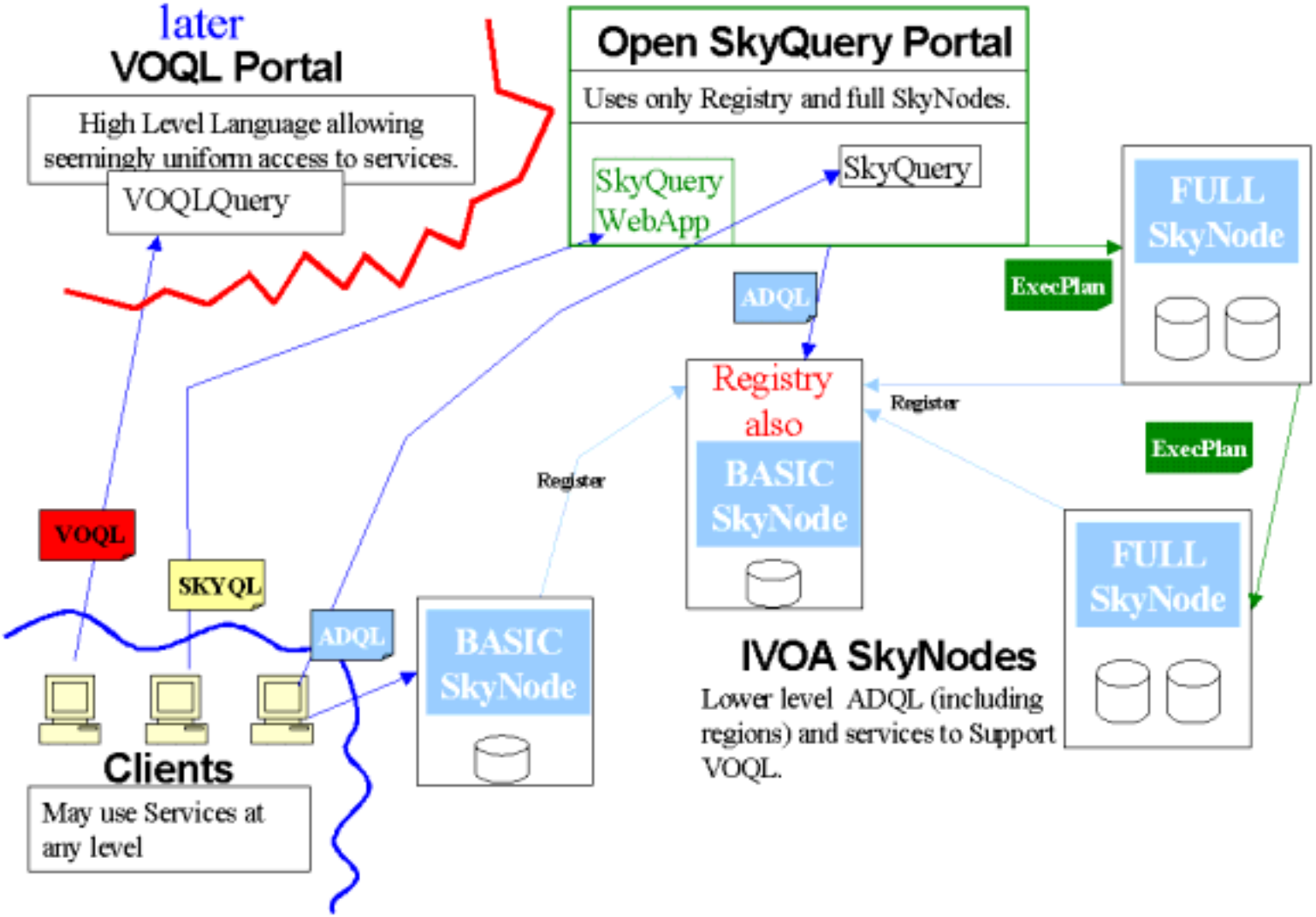
for Masatoshi Ohishi

VOQL WG - Background

- Started Cambridge England May 2003
- Decided to concentrate on Astronomical Data Query Language (ADQL) first
  - SQL based
  - Allow exposure of catalogues
  - Good step up from Cone Search
- Also agreed to look at WebServices to take ADQL and return VOTable (OpenSkyNode)

OpenSkyQuery Architecture



- ADQL0.8.1
  - INTO : MyDb, MySpace for both SELECT
  - TOP : tie down semantics
  - JOIN : Use Explicit JOIN syntax
  - Add units : to ADQL/s, ADQL/x

  Web services conversion tool is available in Oz

  CDS released UNIT conversion library
  - Improve XMATCH : Move sigma inside the bracket Add '+' for outer join and '?' for uncovered areas
- Pseudo Tables/Virtual Columns - DAL
  - Yuji Shirasaki -Could pretend to have a standard Image Table and do SIAP as an ADQL query http://www.ivoa.net/internal/IVOA/IvoaVOQL/VOQL-WG-yshirasa.ppt

```
Select * from images where format='FITS' and
  region('circle j2000 180 23 0.1')
```

Roadmap

- May 2004 Interop at Cambridge USA
  - Changes / Enhancements to ADQL discussed
- June 2004 – ADQL 0.8 issued (NO DML)
- Sep 2004 Interop meeting

  Agreement --> ADQL0.8.1 or ADQL 0.9 & interaction between us and Registry/DAL/DM groups
  After interaction with Registry/DAL/DM groups and discussion within our group, we prepare a draft for ADQL 1.0.
  When it has been approved by the IVOA executive committee, it will become ADQL 1.0

  But we probably stick with ADQL 0.7.4 for January for SkyNodes – registry may use newer

- Sep/Oct (?) 2004 GGF12 @ Brussels : to report activities of the VO community

- Work toward January Demos
- Jan 2005 Demos and ADQL-1.0 & SkyNode-1.0 release.
  - NVO will show Open Sky Query with ADQL 0.7.4 at AAS in San Diego Jan 2005.

- Improvements including New data types proposed by Shirasaki
- May 2005 Interop meeting / GGF joint WS in Japan (??)
- Discussion on ADQL-1.x, SkyNode-1.x ?