

VOQL

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VOQL

4 Sessions

- VOQL 1 and 2 discussed ADQL and SkyNode Specs
- Special session to discuss what should be in the Core of ADQL
- VOQL 3 implementations

<http://ivoa.net/twiki/bin/view/IVOA/InterOpMay2006VOQL>

Goal

- KEEP IT SIMPLE!



Discussed

ADQL Core

ADQL Full has been renamed into Extended

Units: Agreed to remove units from ADQL

- Condition: It doesn't interfere with the overall objectives of the VO engine

Time Data types: Agreed to support the minimum set that allows to formulate temporal queries

- From 17 different types we reduced it to 2
 - 2006-05-16T10:30:50.012 and JDB



Discussed

Select ... into 'VOSpace/location':

* “Select into” is a dialect of SQLServer,
Should we use the SQL standard?

“Create table as (<select statement>)” is
defined as a SQL standard (SQL99 ?)

- concluded that for now it is not worth the effort as it involves to add a new grammar element.



Under debate

- XMATCH syntax?

1. XMATCH_CHI2 (s, t, k, sigma)
2. XMATCH_Distance (s, t, k, distance)
3. XMATCH_DISTANCE(t1.ra, t1.dec, t2.ra, t2.dec, d)
AND
XMATCH_DISTANCE(t1.ra, t1.dec, t3.ra, t3.dec, d)



Summary of Special Session

- REGION stays in ADQL Core as it is.
- Using the word XMATCH to refer to positional match only, may not be the right word to use.
- People feel uneasy about Chi2XMatch.
- People left the room having a better understanding of what ADQL Core/Extended and Basic/Full SkyNodes are.



VOQL Roadmap

ADQL WD 1.04 -> ... -> Starts ADQL PR process - July
SkyNode WD 1.02 -> ... -> Starts SkyNode PR process- July

Other WGs review the document in IVOA from July to September
In Moscow, the PR process is finished and
If not big issues -> Rec should be quite straight forward

Future

- Add VOSpace/Async/Authentication <- this depends on GWS
- How do we enforce good metadata? Validation services?
- Footprints

