

# VOQL

Yuji Shirasaki

JVO

Maria A. Nieto-Santisteban

NVO-JHU



# 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 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 )



# 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

