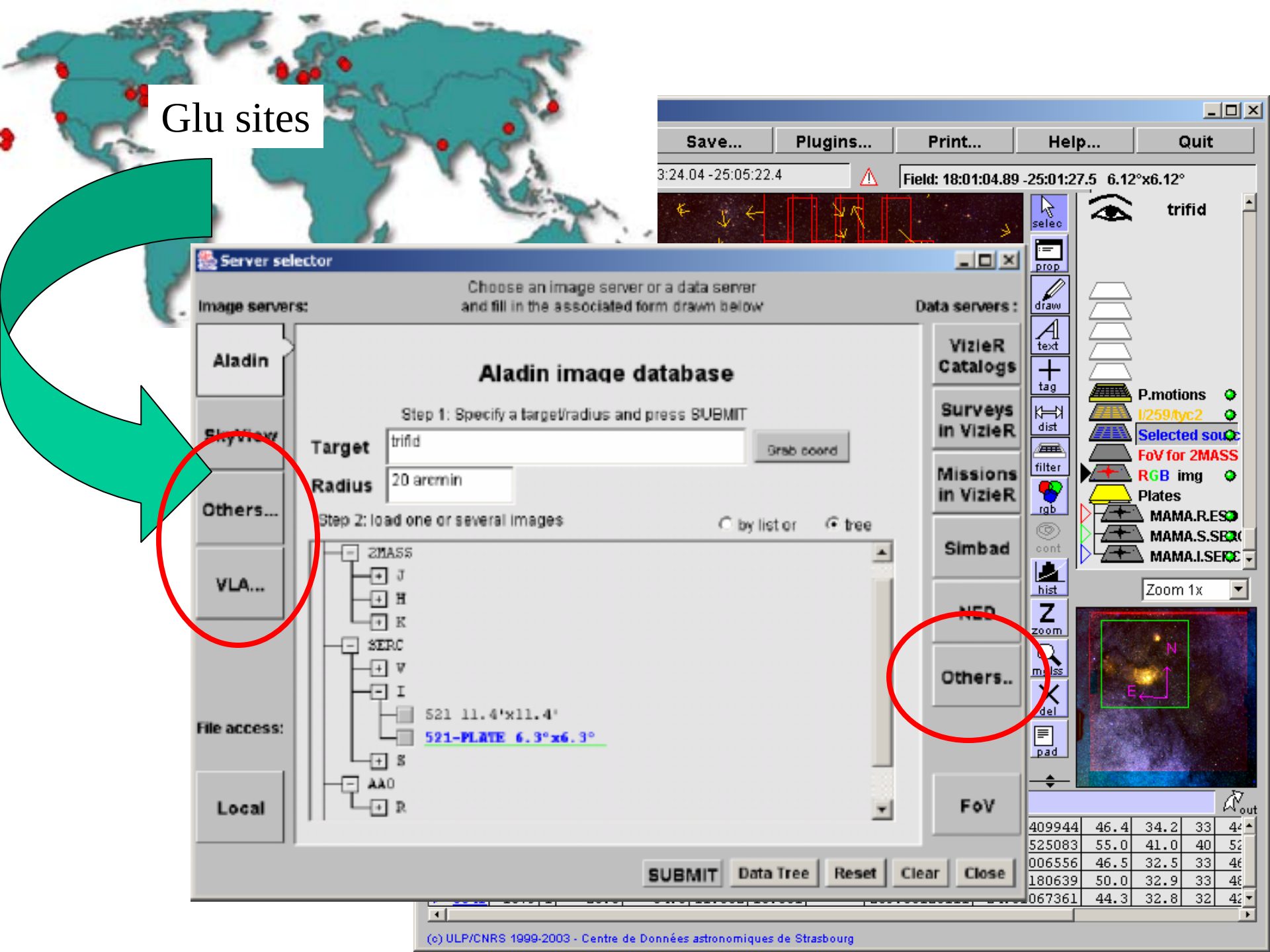
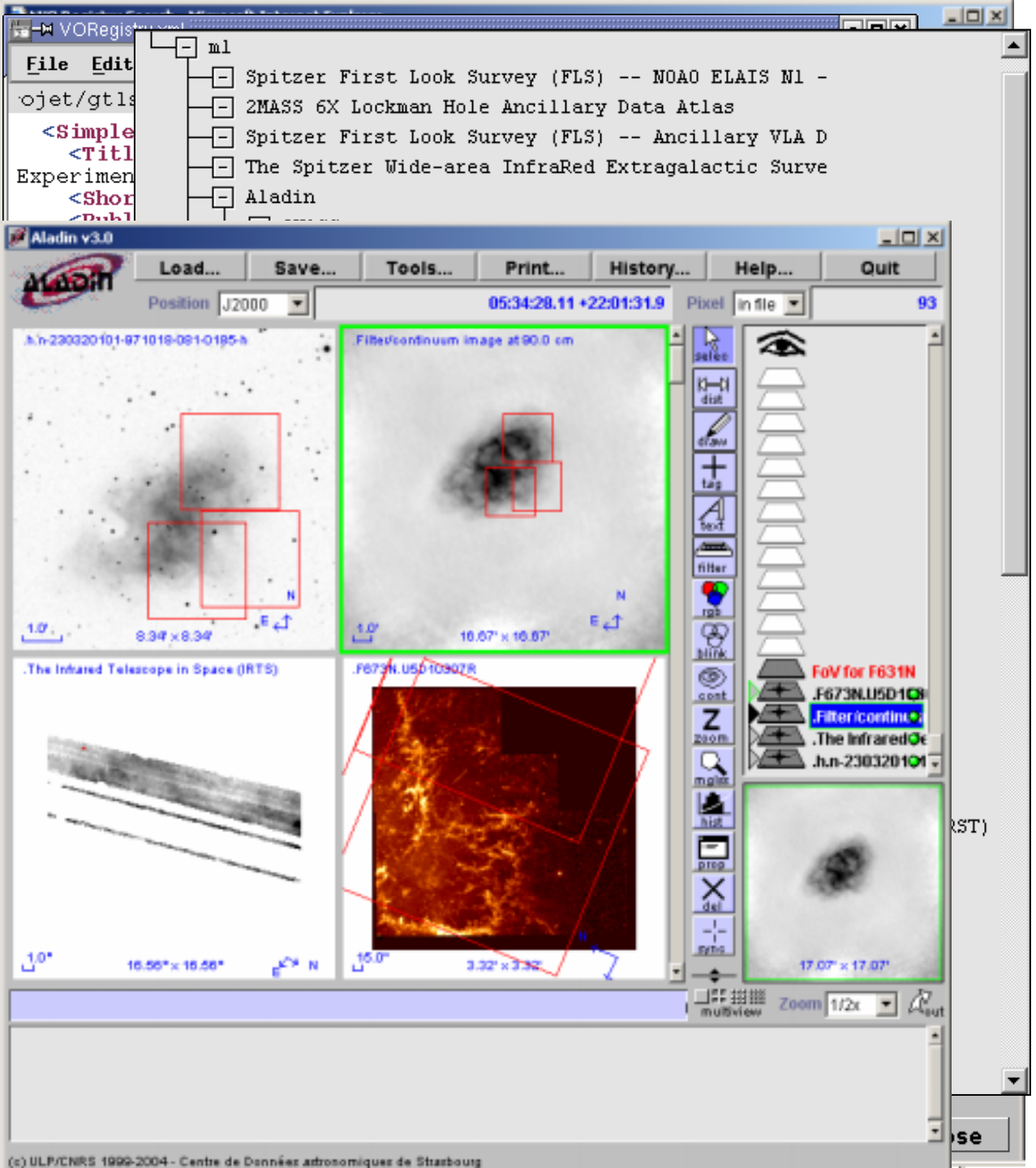
IVOA registry interfacing to GLU

An Aladin testbed
for IVOA registry.

Demonstration and remarks


Glu sites
Save...
Plugins...
Print...
Help...
Quit
Field: 18:01:04.89 -25:01:27.5 6.12°x6.12°
trifid
Server selector
Choose an image server or a data server
and fill in the associated form drawn below
Image servers:
Data servers :
Aladin
Others...
VLA...
File access:
Local
Aladin image database
Step 1: Specify a target/radius and press SUBMIT
Target
trifid
Grab coord
Radius
20 arcmin
Step 2: load one or several images
by list or
tree
2MASS
J
H
K
SERC
V
I
521 11.4'x11.4'
521-PLATE 6.3°x6.3°
S
AAO
R
VizieR Catalogs
Surveys in VizieR
Missions in VizieR
Simbad
NED
Others..
FoV
SUBMIT
Data Tree
Reset
Clear
Close
P.motions
I/259/tyc2
Selected sou
FoV for 2MASS
RGB img
Plates
MAMA.R.ES
MAMA.S.SE
MAMA.I.SE
Zoom 1x
409944 46.4 34.2 33
525083 55.0 41.0 40
006556 46.5 32.5 33
180639 50.0 32.9 33
067361 44.3 32.8 32
(c) ULP/CNRS 1999-2003 - Centre de Données astronomiques de Strasbourg



1.Harvesting from STScI

2. Conversion and filtering into a GLU dic

3. GLU site synchronization

4.New Aladin form managing these VO GLU records...

5…to produce general metadata trees

6… to choose and manipulate images and catalogs..

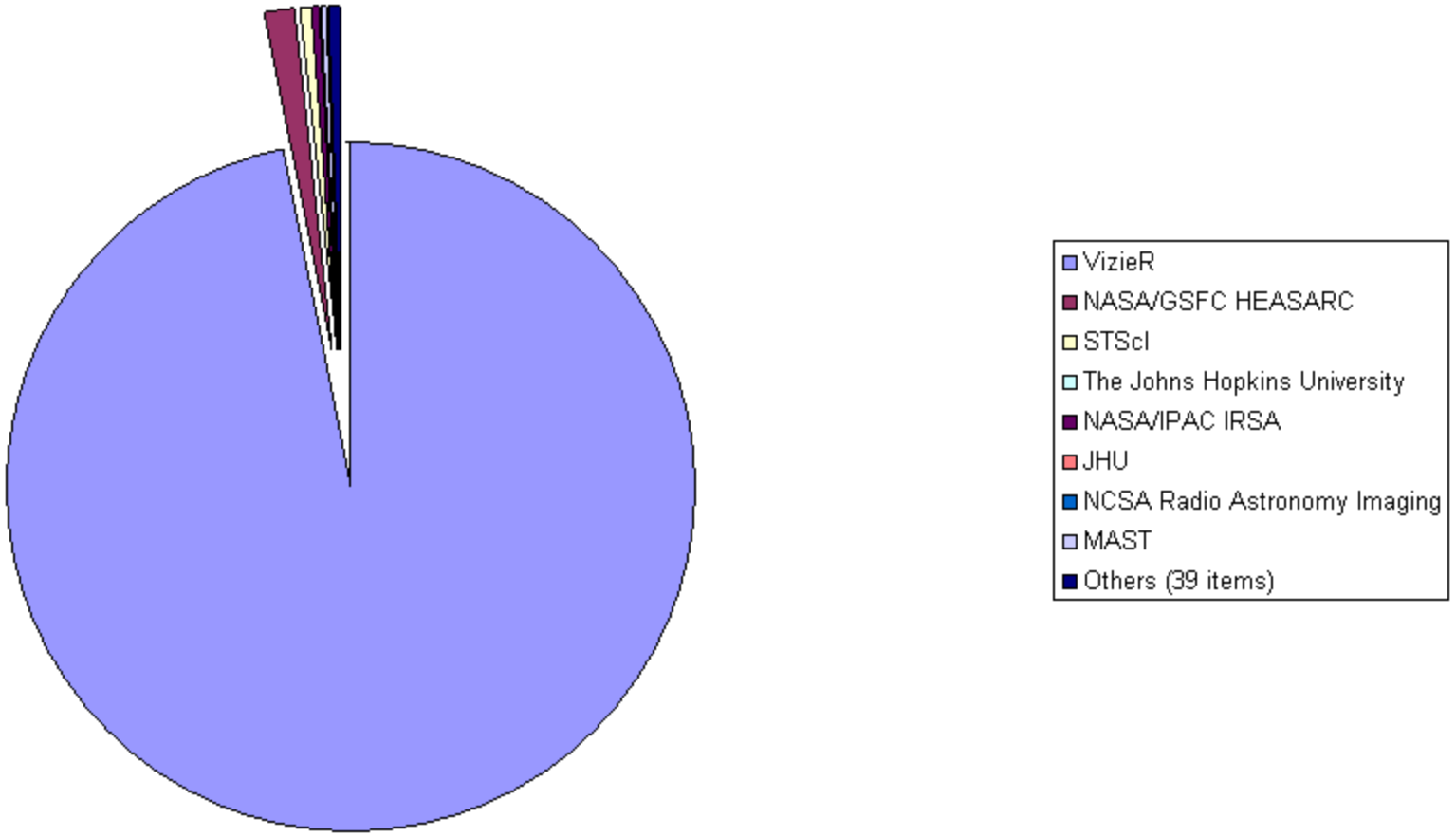
Positive points

- Quick development *(2 days).*
- Based on simple technologies… *(HTTP,XML,ASCII)*
- …and thanks to VOTable, SIA, CONE search and obviously FITS.

Could be improved

- **Need curation** *(mistakes, multiple definitions, NOT PROVIDED, copy of copy of copy, truncatures…)*
- **A standard is missing** : decribing available table lists for a target *(the "SIA" for tables)*
- Perhaps a **too simple structure** to describe the reality *(flat view, no mirror, no yet real access method specification)*

The current VO registry content :
=> How to manage VizieR with a flat structure?



Open questions

- **How to overstep the flat view** ?
- How to manage the **registry curation** ?
- **How to fully describe the access mode** ? *(HTTP params,WS methods,…)*
- What about **a standard** describing tables lists.
- **What will be real life** after prototyping ? *(in fact many resources are not available)*

- **Is OAI really adapted** ? *(perhaps a little bit heavy for a simple GET method)*