

MySpace browser : progress report

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Requirements

- Authenticate MySpace user
- File browsing of MySpace storage
- Download capability of user selected files
- According to the file type, open the data in Aladin or in adapted plugin
- Upload (export) files to MySpace node

Interface

- Meeting at Leicester, Sept. 21st
(D. Morris, K. Noddle, T. Boch)
--> definition of needed (Java) interfaces

Interface (simplified view)

Interface AladinAdapter

- login(...)
→ **authenticate on MySpace**
- getRootNode()
--> AladinFile
- **build the whole structure of files and directories**

Interface AladinFile

- getName() --> String
- getMimeType() --> String
- getStream() --> InputStream
→ **download file to MySpace**
- getChildNodes() --> AladinFile[]
- addFile(...)
- putStream() --> OutputStream
→ **upload Aladin plane to MySpace**

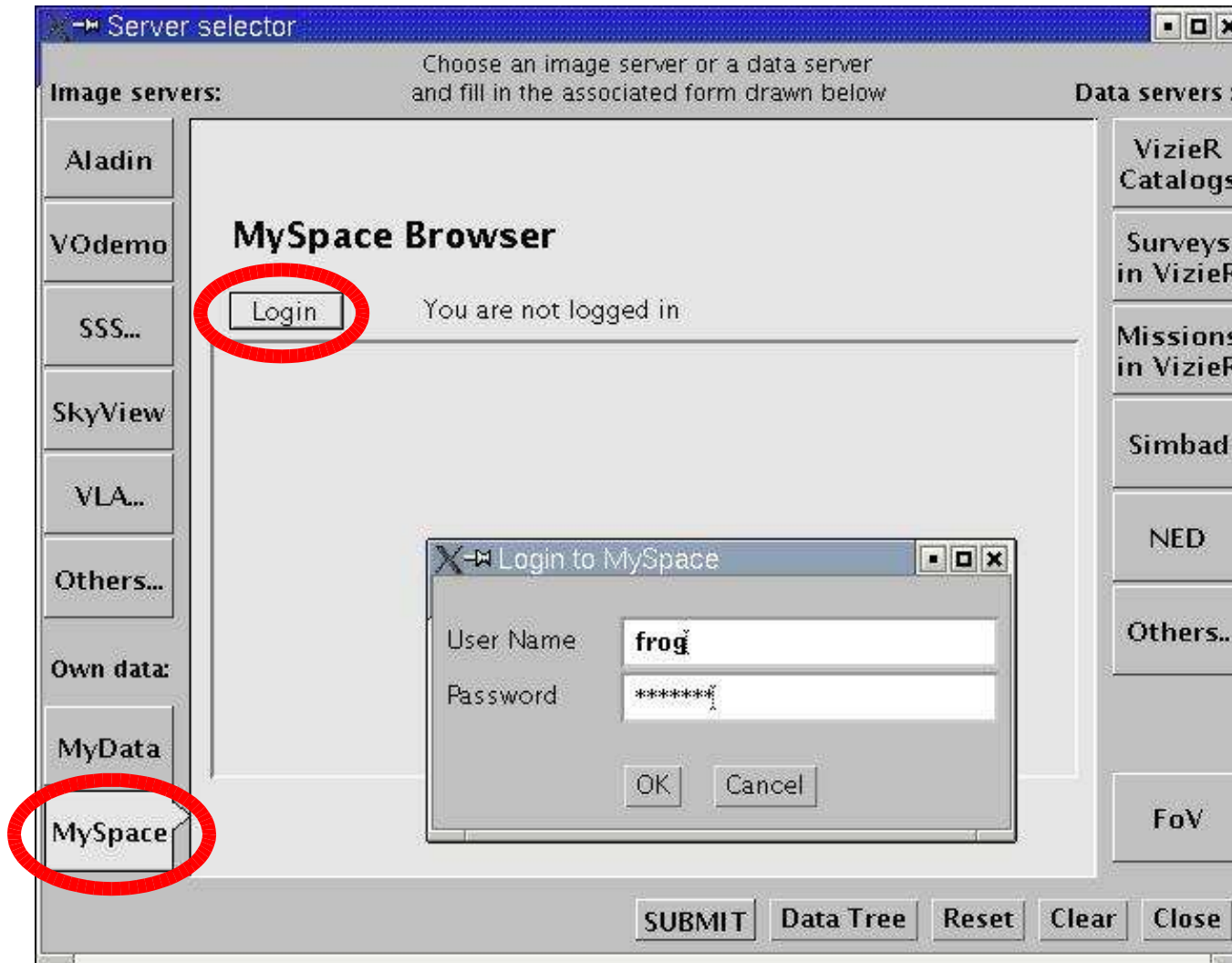
Interface (ctd.)

- AstroGrid will provide classes which implement these interfaces
- Aladin in AVO prototype will use these classes to build the MySpace browser

First implementation (mock classes)

- Dave provided with a first “mock” implementation of these interfaces (no real access to MySpace)
- Useful to test and validate the interfaces
- Allows early development at client (Aladin) side
- Screenshots

MySpace tab and login window



Login failure



Initial tree

Server selector

Choose an image server or a data server and fill in the associated form drawn below

Image servers:

- Aladin
- VOdemo
- SSS...
- SkyView
- VLA...
- Others...
- Own data:
 - MyData
 - MySpace

Data servers :

- VizieR Catalogs
- Surveys in VizieR
- Missions in VizieR
- Simbad
- NED
- Others..
- FoV

MySpace Browser

Login You are logged in as ivo://org.astrogrid.local/frog

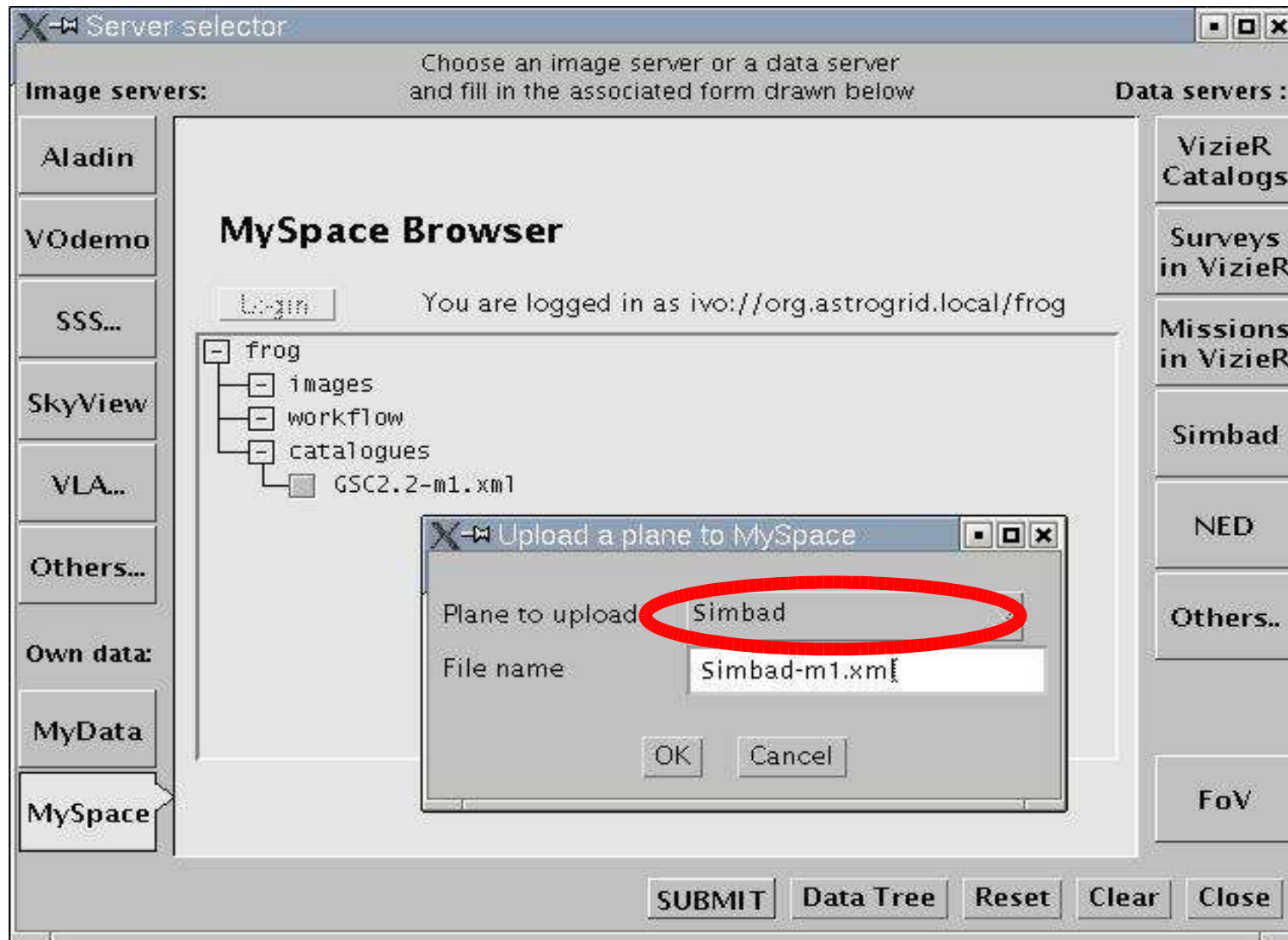
- [-] frog
 - [-] workflow

SUBMIT Data Tree Reset Clear Close

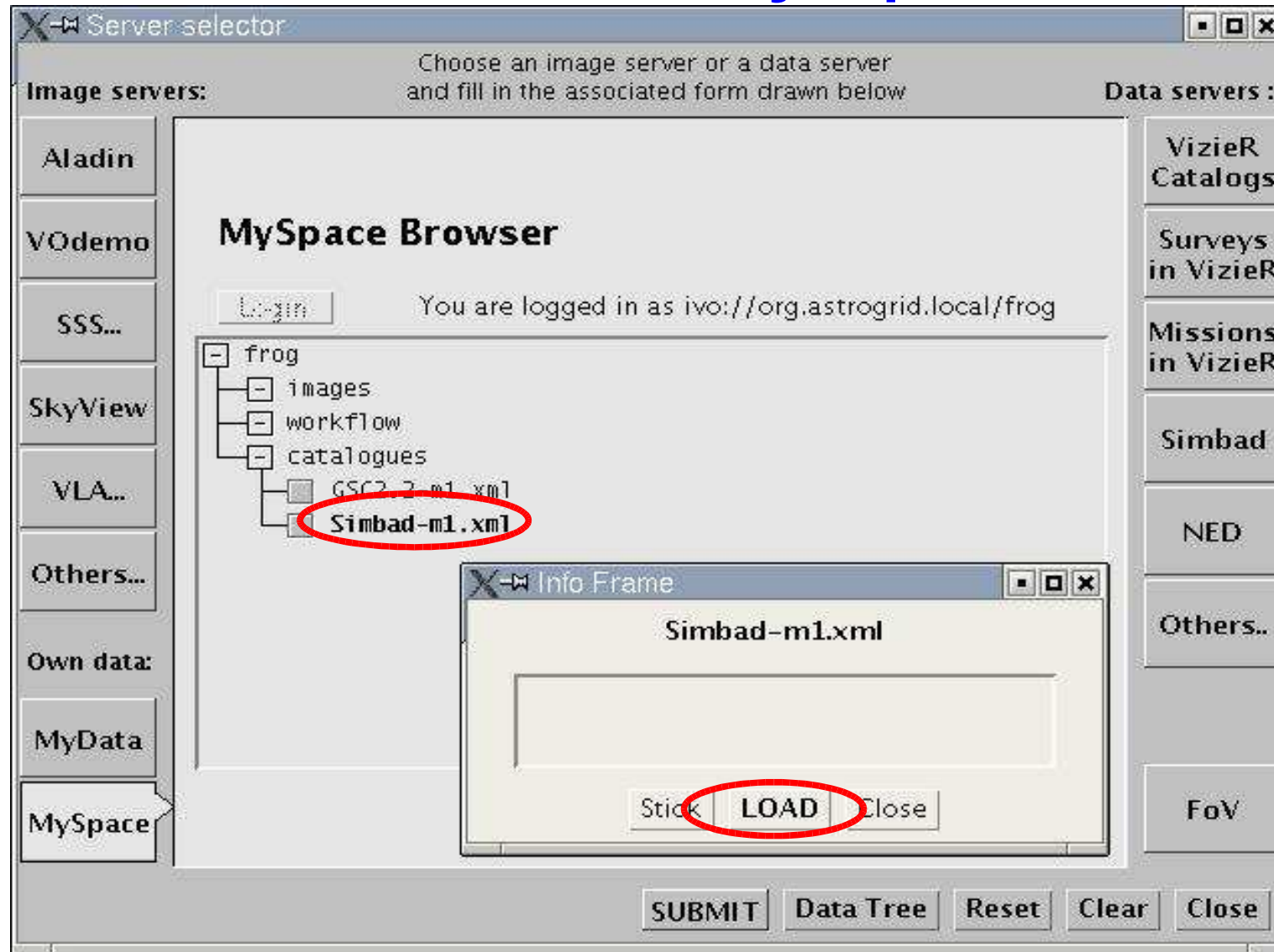
Add a container node



Upload an Aladin plane



Download a MySpace file



Next step : real implementation

- Little change required at client side : implementation will be updated, but will still conform to the defined interfaces
- Scheduled delivery time of “real” classes : in the coming 2 weeks
- Tests with AstroGrid In A Box (test version of AstroGrid, all components running locally)
- Later on, use of a distant MySpace node