

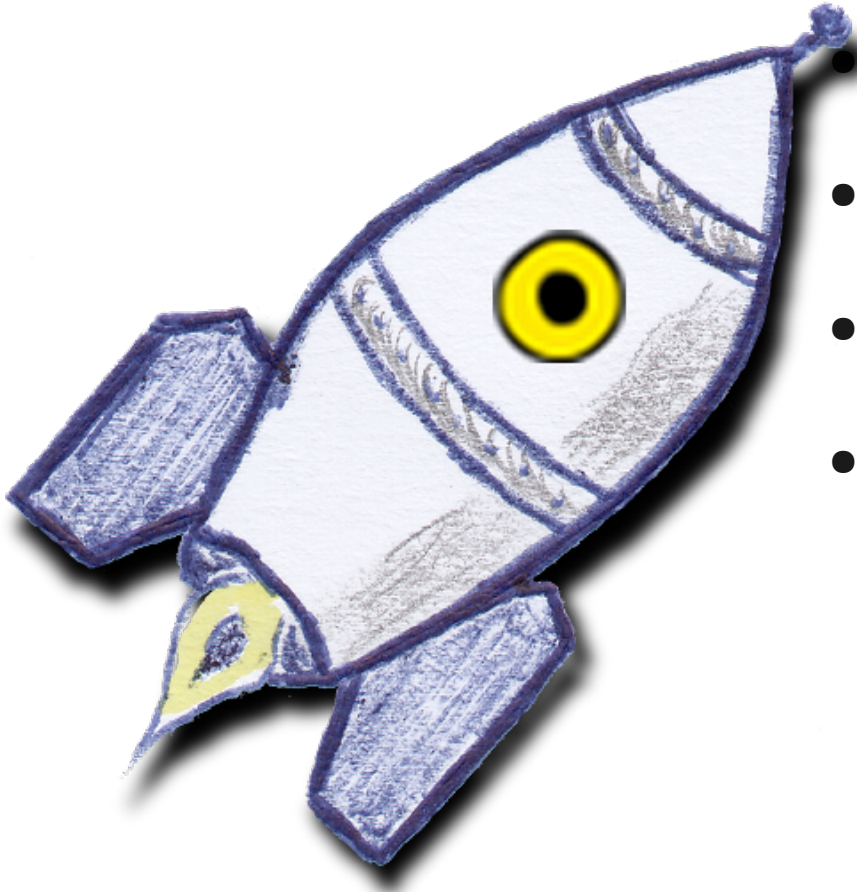
# AppLauncher and application registry

Banff Interop Oct. 2014

-Registry-

Guillaume Mella, Sylvain Lafrasse, Laurent Bourges

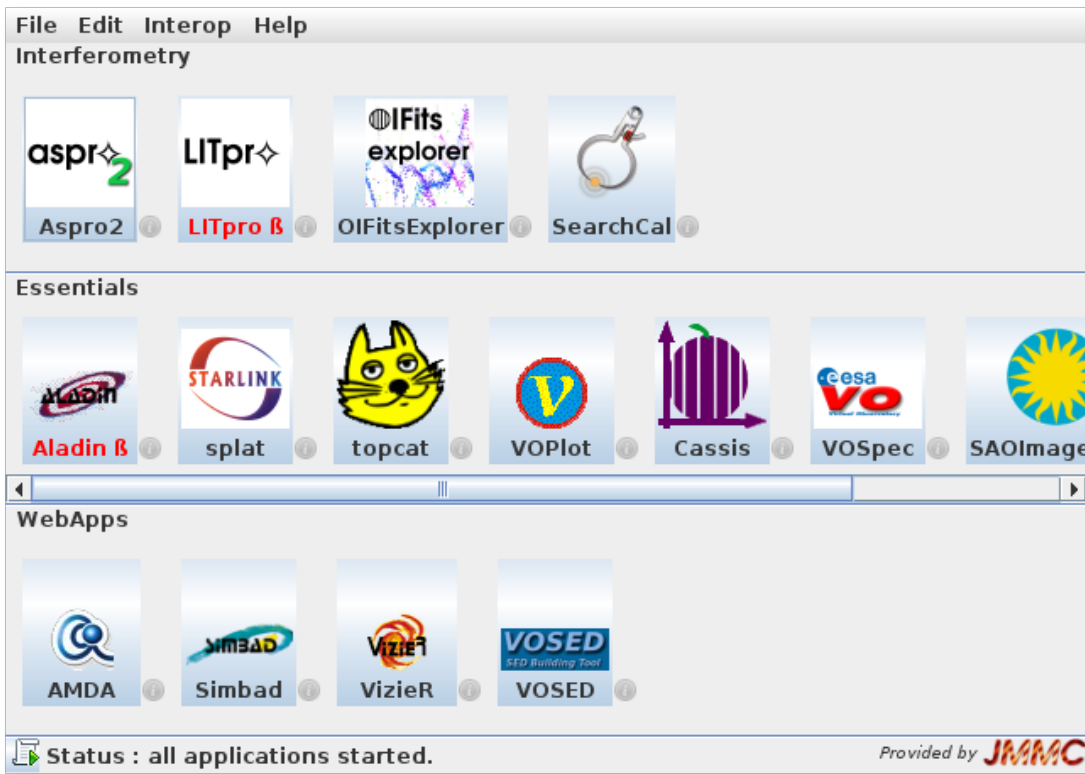
# Outline



- AppLauncher summary
- What is the key information ?
- Multiple repositories in use
- May we envision to store application meta data into Registries ?

# AppLauncher's main features

- Lists SAMP applications in a dock
- Starts relevant application(s) on demand
- Auto detects new applications for registration



run it from <http://www.jmmc.fr/applauncher>

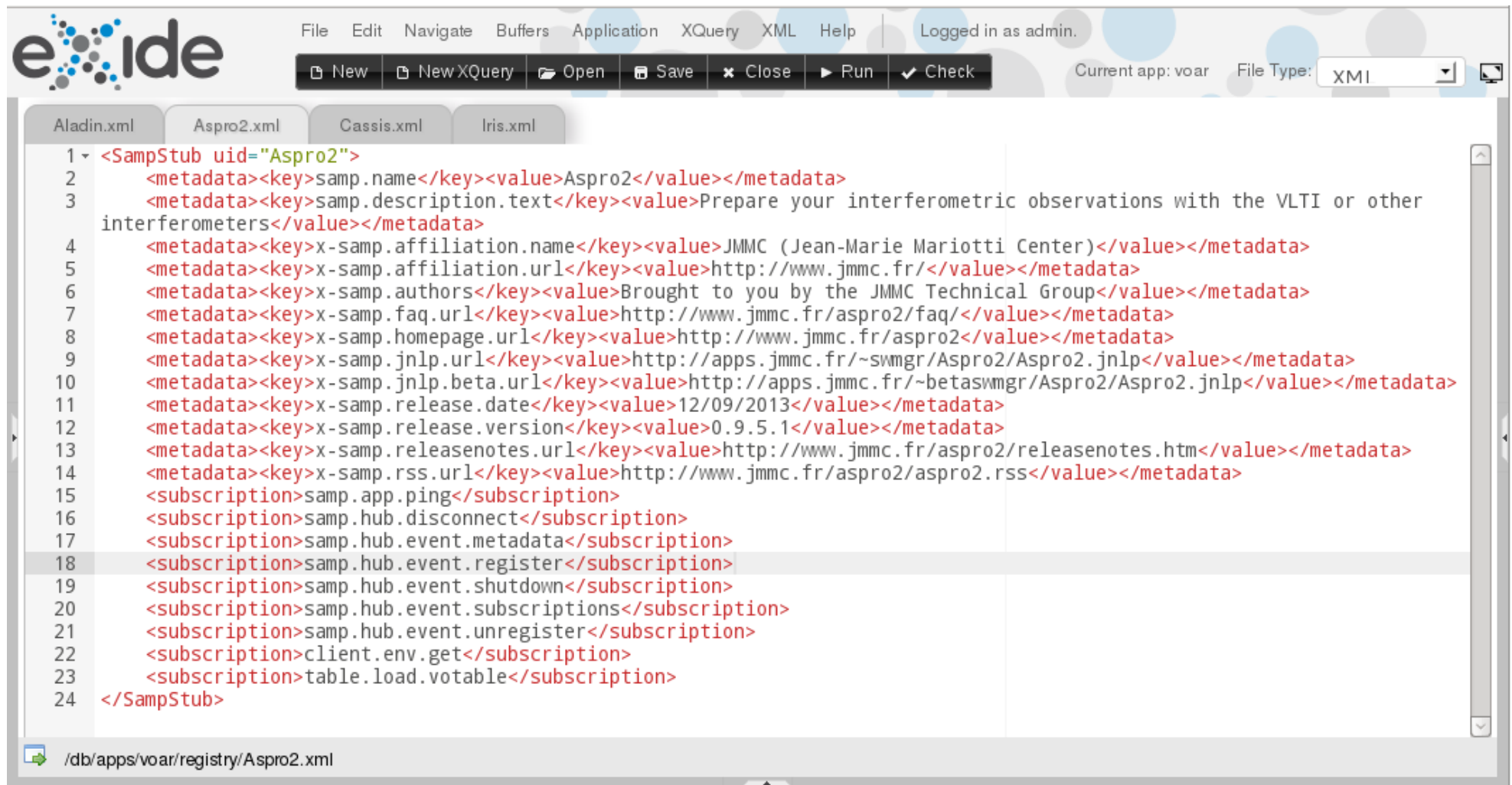
see <http://www.jmmc.fr/doc/index.php?search=JMMC-PUB-2220-0001> for technical details

# Which meta data are needed for AppLauncher ?

- Curation information
- Software package information :
  - Download & home page URLs
  - Package type & version
- Samp mtypes

# How do we currently store this information ?

It is just a collection of xml documents, part of the software configuration



The screenshot shows the eXide XML editor interface. The top menu bar includes File, Edit, Navigate, Buffers, Application, XQuery, XML, and Help. The status bar indicates the user is logged in as 'admin'. The toolbar contains buttons for New, New XQuery, Open, Save, Close, Run, and Check. The current application is 'voar' and the file type is 'XMI'. The editor displays the following XML content:

```
1 <SampStub uid="Aspro2">
2   <metadata><key>samp.name</key><value>Aspro2</value></metadata>
3   <metadata><key>samp.description.text</key><value>Prepare your interferometric observations with the VLTI or other
interferometers</value></metadata>
4   <metadata><key>x-samp.affiliation.name</key><value>JMMC (Jean-Marie Mariotti Center)</value></metadata>
5   <metadata><key>x-samp.affiliation.url</key><value>http://www.jmmc.fr/</value></metadata>
6   <metadata><key>x-samp.authors</key><value>Brought to you by the JMMC Technical Group</value></metadata>
7   <metadata><key>x-samp.faq.url</key><value>http://www.jmmc.fr/aspro2/faq/</value></metadata>
8   <metadata><key>x-samp.homepage.url</key><value>http://www.jmmc.fr/aspro2/</value></metadata>
9   <metadata><key>x-samp.jnlp.url</key><value>http://apps.jmmc.fr/~swmgr/Aspro2/Aspro2.jnlp</value></metadata>
10  <metadata><key>x-samp.jnlp.beta.url</key><value>http://apps.jmmc.fr/~betaswmgr/Aspro2/Aspro2.jnlp</value></metadata>
11  <metadata><key>x-samp.release.date</key><value>12/09/2013</value></metadata>
12  <metadata><key>x-samp.release.version</key><value>0.9.5.1</value></metadata>
13  <metadata><key>x-samp.releasenotes.url</key><value>http://www.jmmc.fr/aspro2/releasenotes.htm</value></metadata>
14  <metadata><key>x-samp.rss.url</key><value>http://www.jmmc.fr/aspro2/aspro2.rss</value></metadata>
15  <subscription>samp.app.ping</subscription>
16  <subscription>samp.hub.disconnect</subscription>
17  <subscription>samp.hub.event.metadata</subscription>
18  <subscription>samp.hub.event.register</subscription>
19  <subscription>samp.hub.event.shutdown</subscription>
20  <subscription>samp.hub.event.subscriptions</subscription>
21  <subscription>samp.hub.event.unregister</subscription>
22  <subscription>client.env.get</subscription>
23  <subscription>table.load.votable</subscription>
24 </SampStub>
```

The status bar at the bottom shows the file path: /db/apps/voar/registry/Aspro2.xml.

# Many other app. repositories in use :

- AppLauncher is synced with : <http://voar.jmmc.fr>
  - Aladin has its VO tool controller (user editable)
  - Web pages :
    - <http://www.usvao.org/science-tools-services/>
    - <http://www.euro-vo.org/?q=science/software>
    - <http://ivoa.net/astronomers/applications.html> (28)
    - <http://www.sao.ac.za/resources/virtual-observatory/> (33  
(false positives VO app ?)
- etc...

Q : Does one of them follow the RegDMApplications ?

# What future direction

- Basic and more complex Use Cases are here !
- Should we consider that applications must be registered like other (moving) data resources ?
- It will probably help developers and final users, isn't it ?