

# Easily sampify your web apps with AppLauncher

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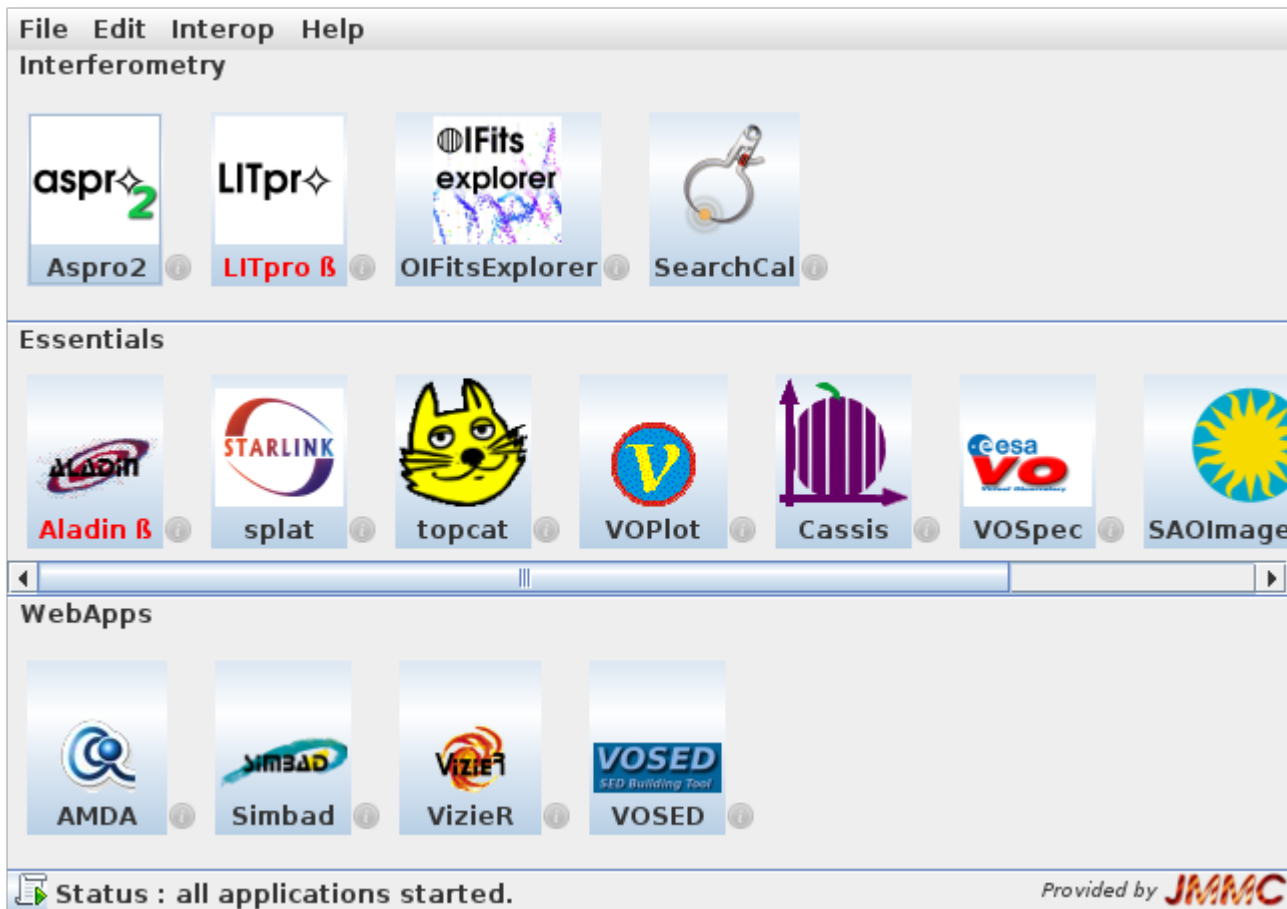
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# Scope

- AppLauncher status
- Its new web registry :
  - List VO applications
  - Embed it onto your web pages
- Help web sampification putting all together



# What is AppLauncher ?



- gather a collection of Samp applications / web services
- group and display preferred resources
- autostart application on samp message request

To register your application :

- launch AppLauncher from <http://www.jmmc.fr/applauncher>
- start your application
- fill contact information



# AppLauncher news

- some new applications : Cassis, Iris, seleste
- broadcast issue (not tested with PySAMP)
  - Too many application started (load.fits)
  - JSAMP patched to flag broadcasted messages  
|+| msg.addParam("x-samp.broadcast", "true"); |
  - topcat's broadcast button sends as many messages as recipients instead of one.
  - first GitHub pull request was rejected :(
  - we strongly ask for this « MINOR » protocol enhancement to offer a better user experience !



# Apply the approach to web apps


- AppLauncher is appreciated by our users
  - But its registry was only internal
  - It contains SAMP applications meta data
    - Simple (but working) « application registry »
- We think it would be good to expose it more
- Available today : <http://voar.jmmc.fr>

# yet another VO Application Registry

- Search on a web page by name, desc, mtype...  
and just get easily all information about the AppLauncher registry content
- Provide JavaScript API for remote display  
and keep automatically the list of applications that support your SAMP messages on your web page

# VO Application Registry

VO Application Registry Home Help Search

application registry 

This web portal shows the [AppLauncher](#) registry and aims to:

- list the VO applications supporting SAMP interoperability
- embed the whole VO application list or a sublist into your web page
- advertise the [AppLauncher](#) and SAMP applications

Registered application list

Search  in

Filter by category  Essentials  Interferometry  WebApps

Output format

## Essentials

- Aladin : The Aladin sky atlas and VO Portal
- SAOImage\_DS9 : SAOImage DS9 is an astronomical visualization application
- gaia : Graphical Astronomy and Image Analysis tool
- topcat : Tool for OPERations on Catalogues And Tables

```

<!-- define an ul element with uniq id -->
<ul id="sampListByMtype"></ul>

<!-- load the main javascript and call functions over the previously defined ul elements -->
<script type="text/javascript" src="http://voar.jmmc.fr/api/voar-0.1.js" charset="utf-8"></script>
<script type="text/javascript">
    $("#sampListByMtype").appendAppList({'mtype': 'table.load.votable'})
</script>

```



# Make SAMP easier on web pages (WIP)

- Hide the machinery using JavaScript widgets :
  - Always list compatible standalone & web applications for a given SAMP MType
  - Start as flawless as possible applications on demand when they are not ready
- Our future Optical Interferometry DataBase portal is our test bed : <http://oidb.jmmc.fr>  
(see pres. of Xavier Haubois this afternoon)



# Conclusion

- Register all your SAMP apps (& web apps) in AppLauncher
- Visit <http://voar.jmmc.fr>
  - feedback, request and help are very welcome
- Fix SAMP broadcast issue (protocol & impl changes)