

Operations Portal ROD Training – EGI TF 2012

Cyril L'Orphelin – CCIN2P3/CNRS



The Operations Portal is based on the 'actor's view' principle where each actor of the community has access to information accordingly to his role in EGI, such as grid operators, who monitor the status of resources and grid services, VO/site/NGI managers, who provide services for specific groups.

The Operations Portal provides various services to these actors, such as Virtual Organization administration tool, communication tools (the broadcast and downtime system), and dashboards (Operations dashboard, security dashboard, VO operations Dashboard).

The Operations Portal is available as a central service and a regional package to be installed at the NGIs which will automatically synchronize information with the central instance.

Application Hosted By CCIN2P3

Team : Cyril L'Orphelin , Olivier Lequeux , Pierre Veyre

Contributors : Sylvain Reynaud (Lavoisier), Philippe Correia (Graphic Design)

Contact : cic-information@in2p3.fr

1) Web frontend and backend

- Php, html, javascript
- Web frameworks : symfony , bootstrap

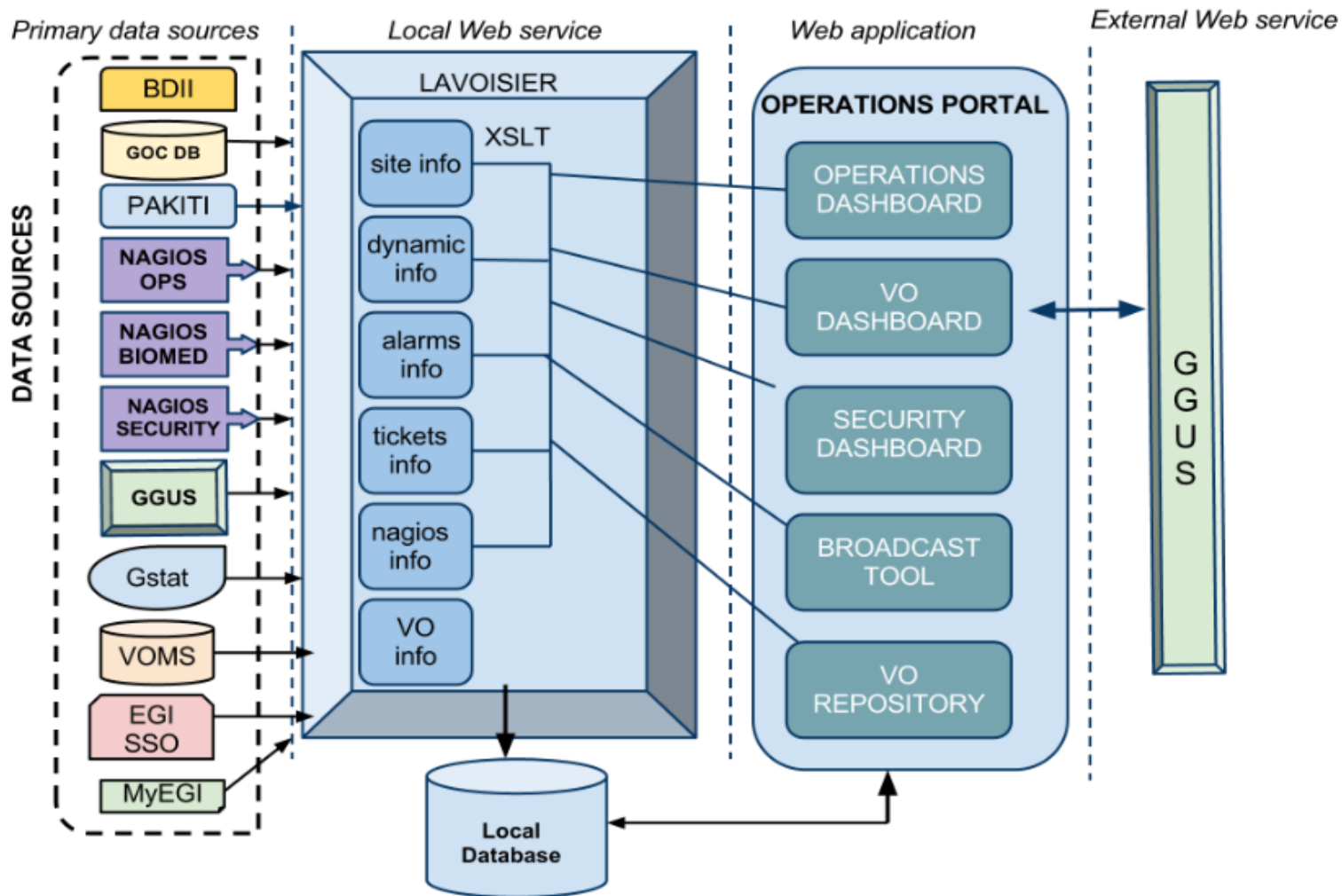
2) Extensive Web Service (Lavoisier)

- Java, xml, xsl, xpath

3) Database : Mysql + Oracle

• For the dashboard :

- On the NGI side : A Nagios Box run with the VO ops sending notifications to AMQ.
- On our side a service collecting the notifications via AMQ
- These notifications are stored in our DB .
- Additionnal source of information : GOC DB, GGUS, Gstat, MyEGI



▪ **Since User Community Forum**

- 4 central releases
- 4 regional patches
- CIC portal decommission
- Improvements and finalization of the VO and CSI dashboards
- New modules : availability / reliability module
- New entry in the broadcast (contact all sites supporting a dedicated VO)
- Improvements on the VO ID cards and VO Management module

- **Release 3.0 (before the end of the year)**
 - New portal look and feel
 - Use of the CSS framework of Tweeter : bootstrap
 - Improvements on efficiency, on reactivity and visibility
 - Homogenization of the display
 - New version of the regular Operations Dashboard
 - Detailed in next slides + DEMO
- WMS-JobSubmit recovery problem
 - Has been identified and is linked with a malformed output in some Nagios Probes
 - Will be probably corrected with the update 18 or 19 of Nagios

Extend and continue the continuous integration with :

- A modular tool providing interfaces but also services (API, RSS, widgets)
- A generic tool providing solutions and information about any new middleware .
- A tool providing also services for the cloud computing .
- Propose version for mobiles and tablets
- Follow and integrate the last Web technologies and/or frameworks to improve the efficiency and the usability

But to continue to offer a high quality of services and developments our proposal is to

- Remove the regional instances and offer a central hosting .
- To replace it by regional view in the central portal or to host regional instances

- What's new ? (implemented)
 - One information level per page
 - Ctrl + Click model
 - Alarms information associated to a ticket
 - BUT no more status open / closed for an alarm
 - A complete history is available for an issue
 - Removal of alarms with ok status
 - But visible in the history view
 - Extended in the future by a flapping flag

- What will be new ? (on-going)
 - Alarms grouping mechanism
 - Quick tickets and notepads
 - Status cumulated time

DEMO