

Pole 3 – COD TOOLS

*Cyril L'Orphelin - CNRS/IN2P3
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Regional Dashboard :

- Architecture
- Integration of Nagios
- Dashboard aspect
- What will change for you ?
- The new features
- The package

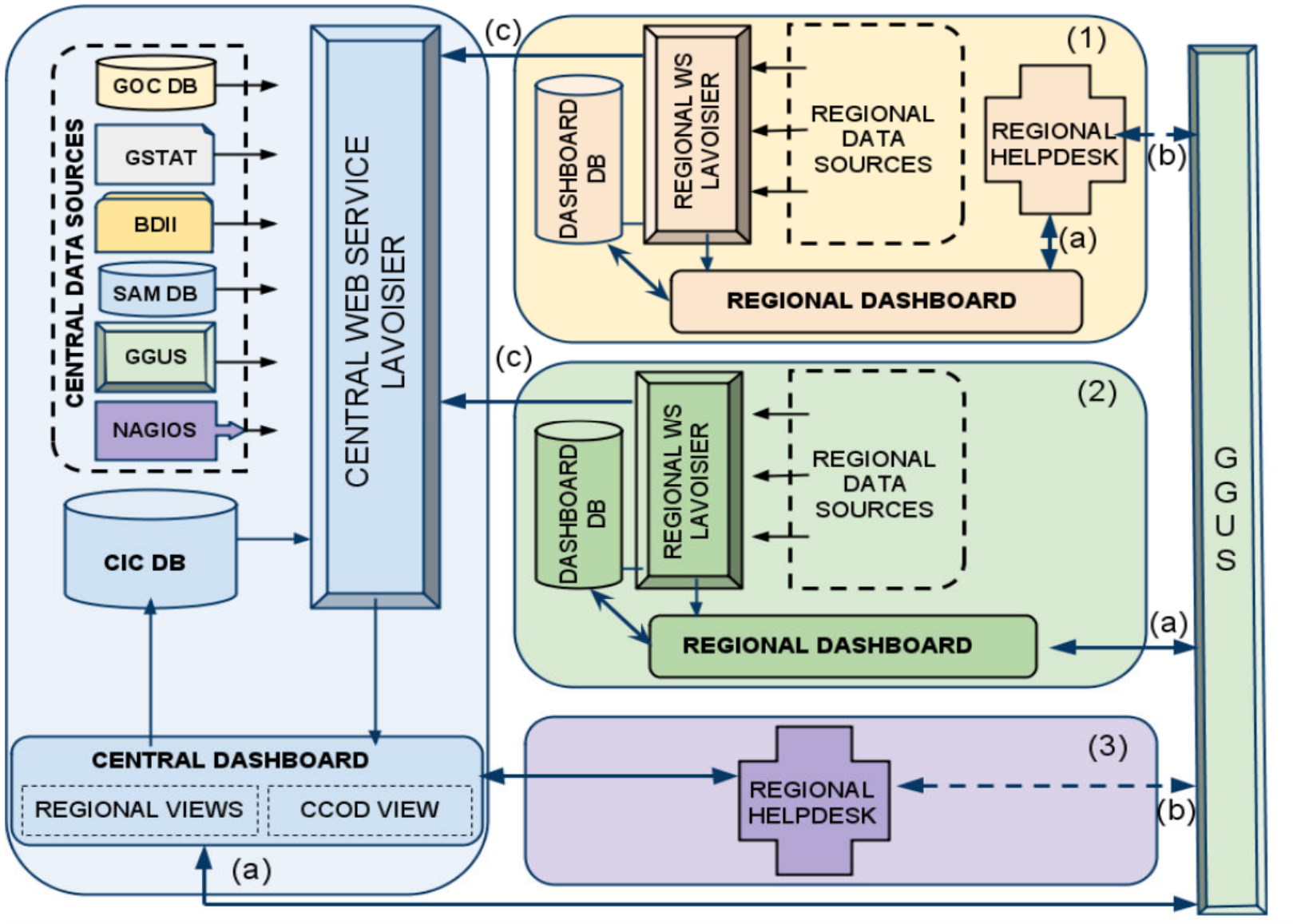
GOC DB

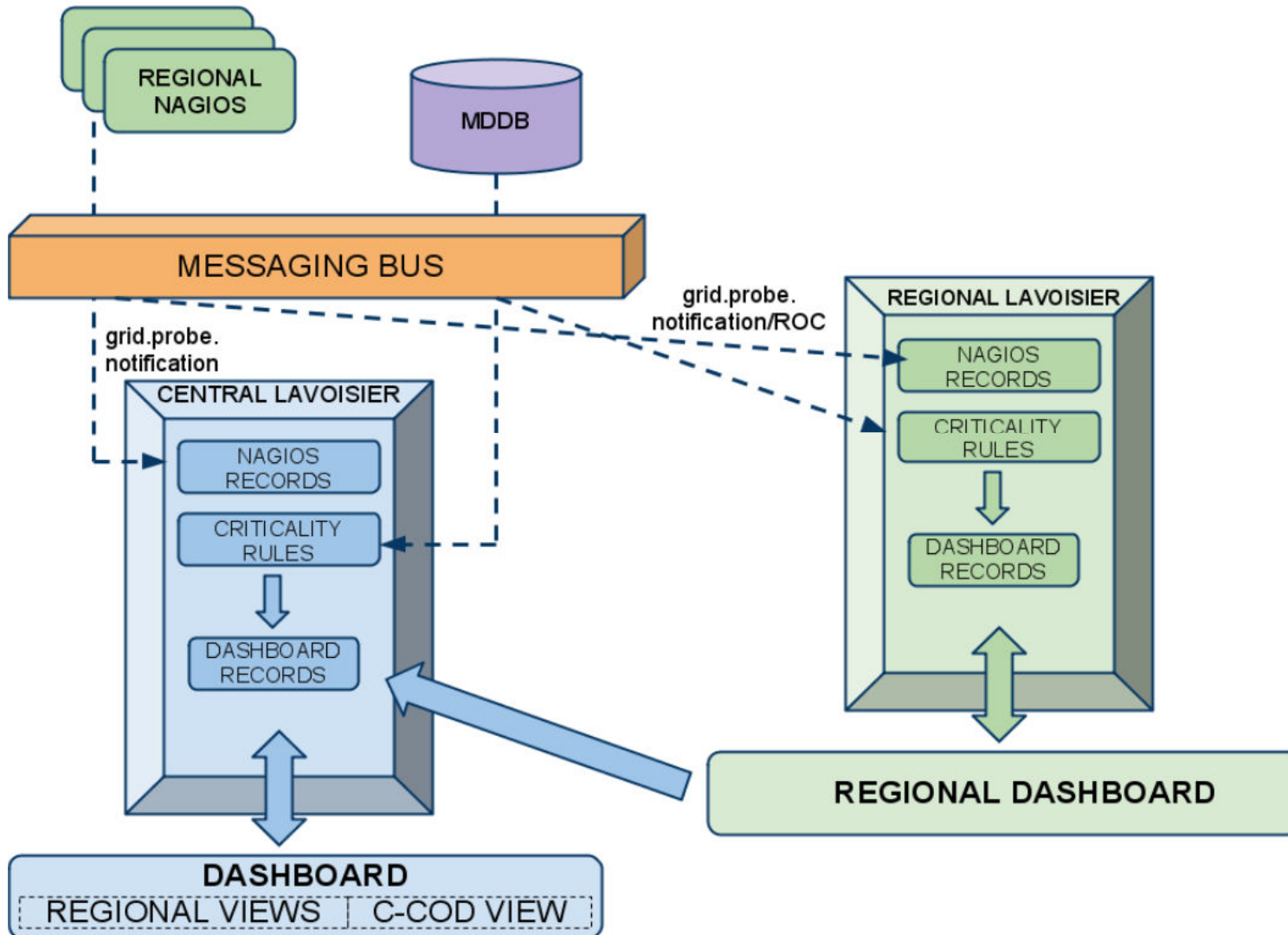
- GOC PI
- Failover
- Roles cleaning

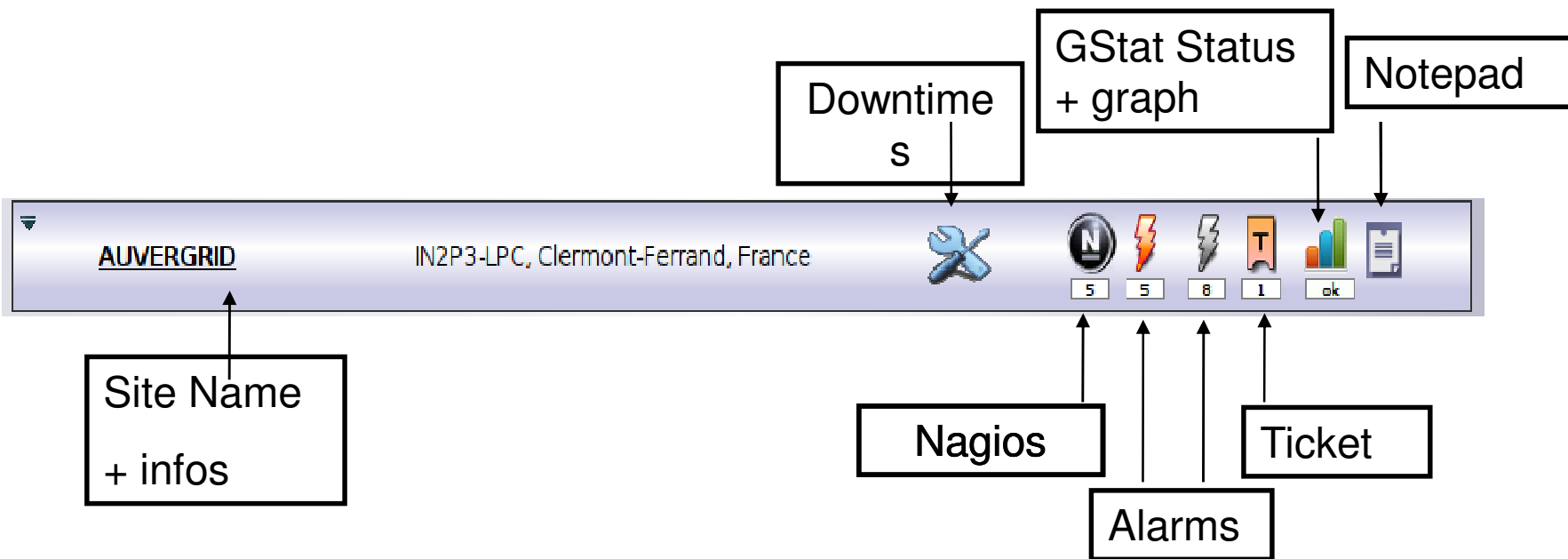
Set up of OPAG

What are the next steps until next meeting ?

Regional Dashboard







- **The regional dashboard will be organized as the previous one around the site component .**
- **But there will be some differences with the current version :**
 - The dashboard is developed inside a php framework named Symfony , this framework will ease the refresh of only some parts of the page => more robustness and rapidity
 - The creation of tickets with Nagios information : I propose to start to work in the same way that we use SAM Alarms :
 - 4 statuses : new , assigned , masked and off : the management of these statuses will be locally in the Dashboard DB
 - The management of alarms will be ease : the actions of masking or unmasking alarms will be supervised by the system .

- **The administration page for region will permit to manage :**
 - Contact emails
 - Templates of tickets
 - Different teams in the same region
 - A calendar for rotation duty
 - Regional metrics
- **The user page will permit**
 - To register several subset of sites
 - To choose the elements you want to see : alarms , tickets ...

For the administration page and the user page we are currently working on it . So it is not finished => consequently if you have any idea of a feature which is

For a fully distributed model , requirements are :

- A database , we will use one feature of the framework Symfony and distribute a data schema usable on MySQL , Oracle , PostGressSQL , SQLite.**
- A web Service , Lavoisier working with Java (JDK > 5.0)**
- And php files distributed with the Symfony Framework (Php 5.2.4 is required with SOAP and OCI modules enabled) .**

GOC DB

Old

Site Admin
Security Officer
ROC manager
Deputy ROC Manager
Regional staff
ROC 1rst line supporter
Country rep (?)
CIC staff
C-COD staff
C-COD admin
Core Service admin (?)

New

Site Admin
Security Officer
ROC manager
Deputy ROC manager
Country rep (?)
Core service admin (?)
ROD
ROD admin
C- COD
C-COD admin

Creation:

- ROD staff: will reflect the operational model
Transition: All Regional staff will be granted ROD staff

- ROD admin: will reflect the operational model
Transition: ROC Managers and Deputy ROC managers will be granted ROD admin

"ROD admin": can someone which is not ROC manager or ROC deputy be ROD admin? If not, then what is the use of this extra role? Having roles automatically mapping to other roles makes things more complicated and I'd prefer avoiding it when possible, while stating in the documentation that "all ROC managers and deputies have the ROD administration responsibility".

Suppression:

- CIC staff: outdated role, mainly used to run samap - C- COD and ROC can do it now (to be checked by CO).

Transition: Can be suppressed without transition.

- Regional staff: unclear since the new operations model in place in July and the ROD appearance.

Transition: Regional Staff could be granted ROD and Deputy ROC manager by default – for actions on reports and dashboard.

- ROC 1st line supporter: outdated as linked to 1st prototype of regional dashboard early 2008 (should be renamed ROD).

Transition: all ROC 1st line supporters should be granted ROD role by default.

To be determined:

- Country representative: still needed?

- Core Service Admin: still needed?

"Core service admin" is an outdated role that has no meaning anymore. It was introduced 2 years ago I guess as an attempt to identify admins of gridops tools, but has never really been used after we moved toward the idea of considering gridops tools as virtual sites, hence their admins being regular site admins.

IMO it can be suppressed without transition.

"Country representative": we may want to rename it but there is definitely the need of having a role -both political and technical- at country/NGI level especially in a context where ROCs get split into NGIs.

To be logical and have similar structure for ROCs and countries we could have "Country Manager" and "Country Deputy", or "NGI manager" and "NGI deputy". Maybe we should wait for ROC managers input on that one.

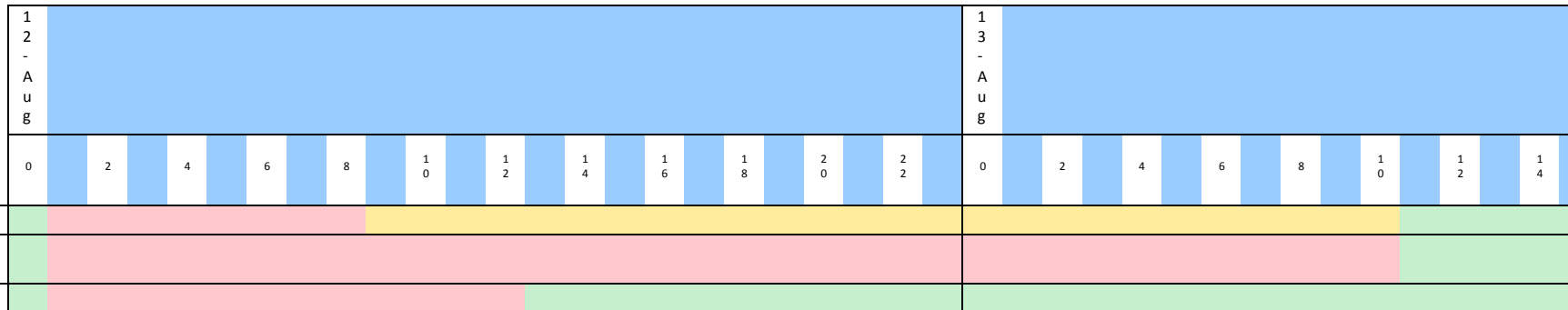
- **3 months ago:**
 - 3 client tools were fully using GOCDDB-PI
 - 8 had started working on the migration
 - 14 had not started or hadn't given any details
- **Today:**
 - 5 client tools are fully using GOCDDB-PI
 - 9 are working on the migration
 - 10 have not started or have not given any details
 - 2 won't need to migrate (getting info from somewhere else or being deprecated)

in 4 weeks, direct DB connection will not be supported anymore!

- **RAL machine room migration in June**
 - RAL machine room offline for 1 week
 - Frontend running at ITWM in Germany
 - DB running at Daresbury in the UK

- **Bilan and actions**
 - It worked 😊
 - SSL issues identified

- **RAL power outage 12-16 August**
 - Power went out at RAL on 12/08 at 00:30
 - “Emergency” failover operated
 - Involved a lot of head scratching (possibly leading to hair loss)
- **Overall impact on GOCDDB availability:**
 - Web portal has been unavailable for 8.5h, and available in read-only for 25.5h
 - GOCDDB-PI has been unavailable for 12.5h
 - Direct DB access has been unavailable for 34h



- **RAL power outage 12-16 August: Bilan and actions**
 - Performance issues on CNAF DB
 - Solved by changing the schema/queries
 - DB dump transfer automation
 - Worked on right now
- **Future of GOCDDB failover?**

OPAG

Please note that you can give feedback and raise issues on the early prototype demo of the regional/central dashboard (see also posters #36 and 37) presented at EGEE09 and hence the prototype for EGI/NGIs operations portal at the following URL <https://forge.in2p3.fr/projects/show/opsportaluser>

You are encouraged to post your feedback to a discussion list dedicated to the evolution of the operations portal, the op-discuss-l@in2p3.fr.

Indeed, a committee named OPAG is created soon. This committee is a dedicated arena where plans and work progress will be presented, arbitrage will be settled and design or re-shape of functionalities done and validated. You can give input at op-ag-l@in2p3.fr, but subscription to this mailing list will be restricted to members.

You can still give feedback on Savannah about bug and wish-list about existing features on the current CIC portal, but please be aware that major enhancements/ new features will be examined and considered to go to development after transfer to the forge address above and validation by the OPAG.

No major change except than bug fixing will be undertaken on the current version from now until December 2009, which is the end of the internal code restructuration combined with the release of the prototype.

By all means and at all times, you can contact the Operations Portal Development Team through tickets to GGUS <http://www.ggus.org> or directly at the following mail address: cic-information@in2p3.fr