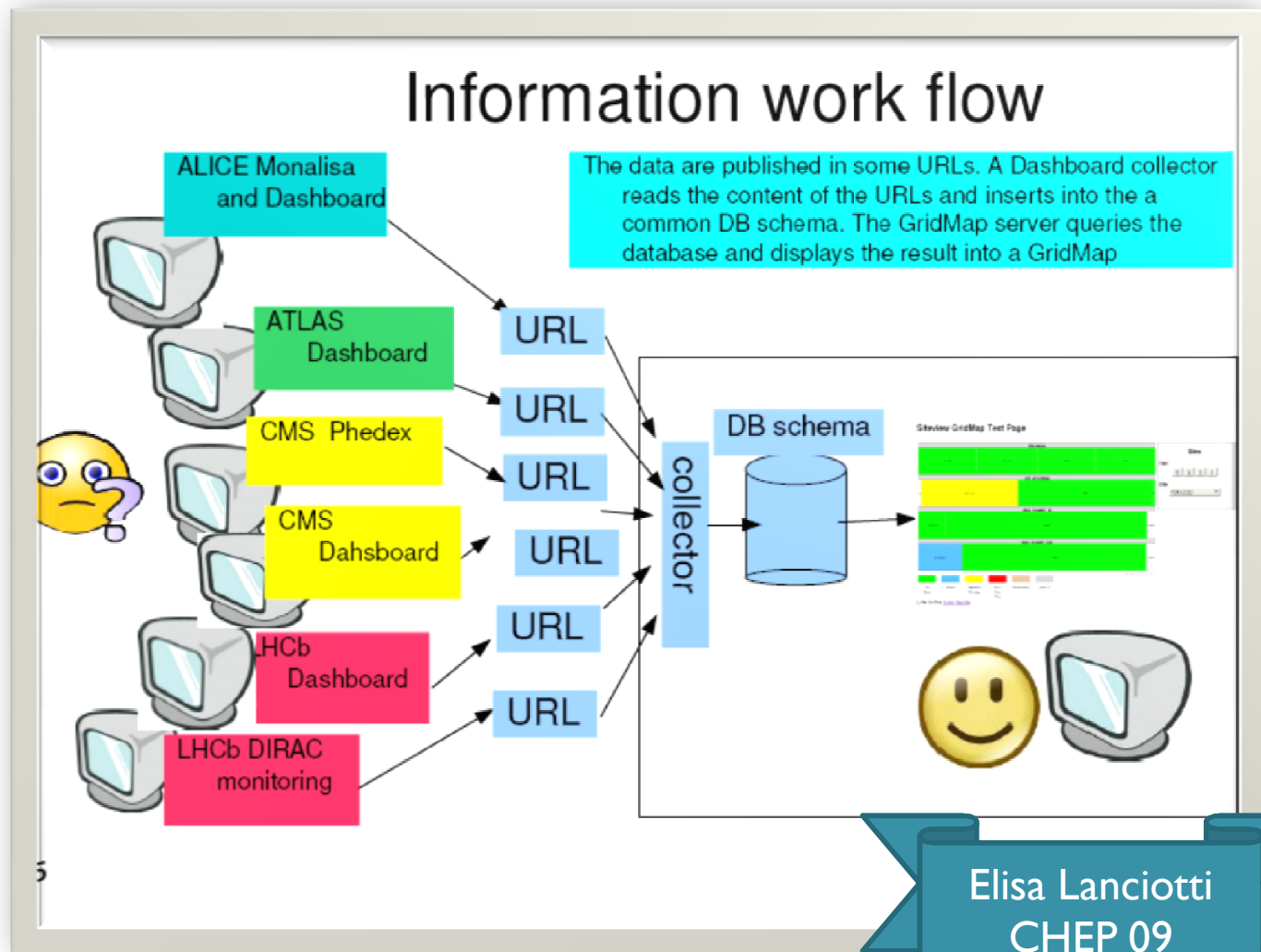# Siteview

WLCG STEP'09 Post-Mortem Workshop

Pablo Saiz

Siteview

- Monitor experiment activities at the site
- Very useful for site administrators
  - One tool to follow up all experiments
  - No need for special knowledge of the experiment workflow
- Data published by experiments
- Using standard dashboard web server
- Used during STEP'09
- Developed in IT/GS
  - Main developer: Elisa Lanciotti
  - Using the DB of SSB: Pablo Saiz
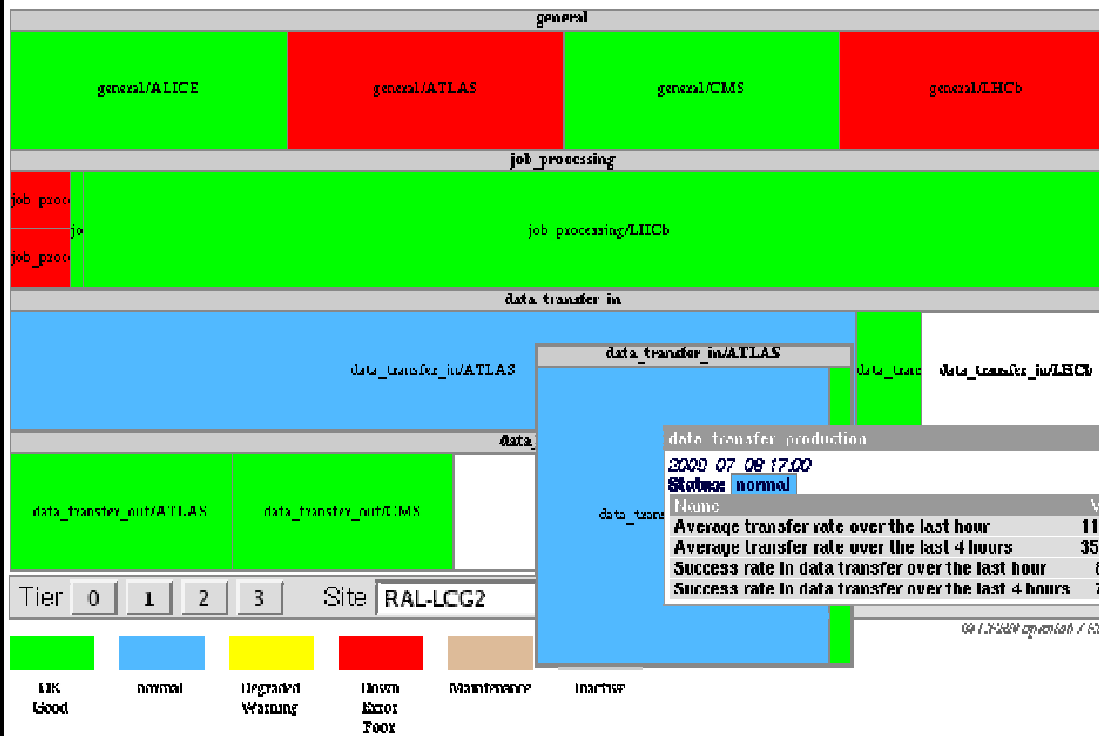 - Taken over by: Lukasz Kokosziewick

Siteview structure

Information work flow

ALICE Monalisa and Dashboard

ATLAS Dashboard

CMS Phedex

CMS Dahsboard

LHCb Dashboard

LHCb DIRAC monitoring

URL

URL

URL

URL

URL

URL

The data are published in some URLs. A Dashboard collector reads the content of the URLs and inserts into the a common DB schema. The GridMap server queries the database and displays the result into a GridMap

collector

DB schema

Siteview GridMap Test Page

Elisa Lanciotti
CHEP 09

http://dashb-siteview.cern.ch

Tier & site selection
Color & size
Four categories
Submap
Links to more details
Values of metrics
Target values

Overview metrics

Siteview GridMap

Link to User Guide

general			
general/ALICE	general/ATLAS	general/CMS	general/LHCb

general/ATLAS

2009-07-09 13:30
Status: error
site status computed on the basis of ATLAS specific SAM tests

Status	Go to
error	URL
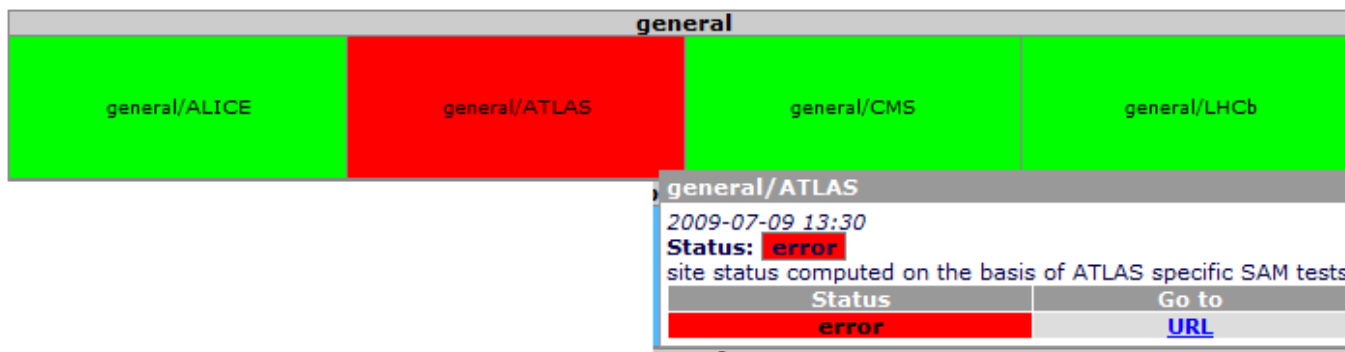
Status of the site according to the VO
Timestamp
Link to more info (SAM, SSB)

Tier [0] [1] [2] [3] Site FZK-LCG2

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OK Good	normal	Degraded Warning	Down Error Poor	Maintenanc	Inactive

Jobs

Number of running/finished jobs
Cpu efficiency
Subgridmaps per activity

Data transfer
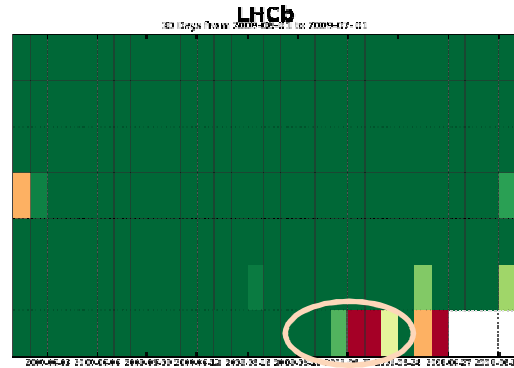

Transfer in/out of the site
Submaps per activity
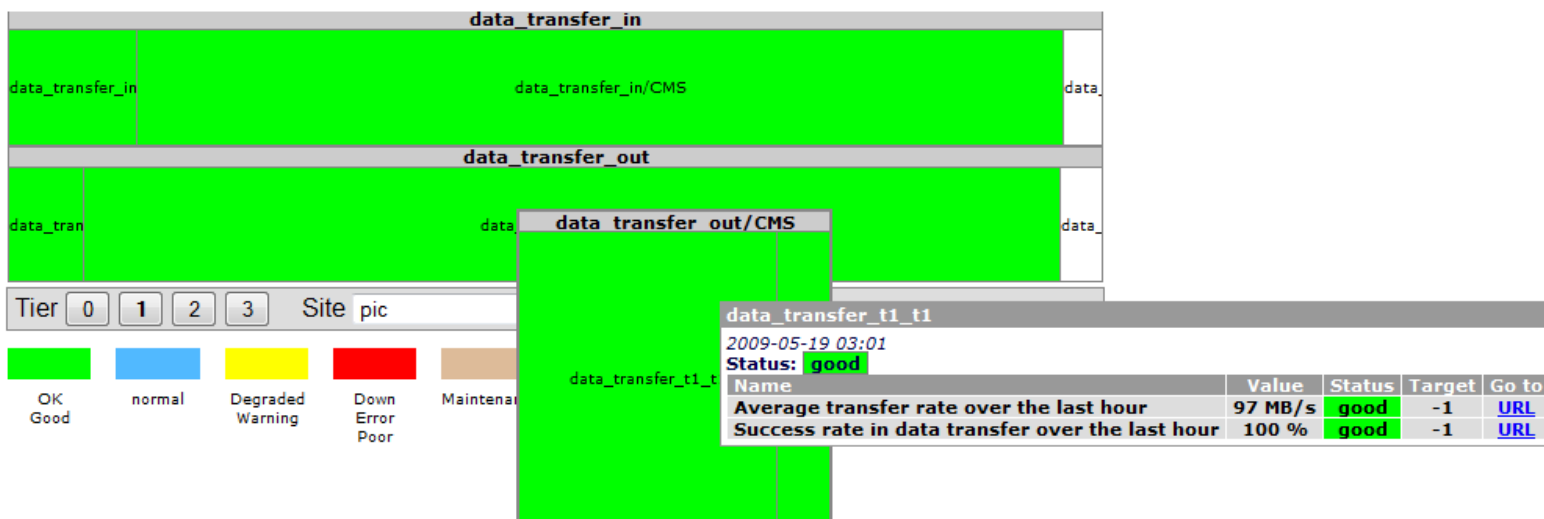
Historical view
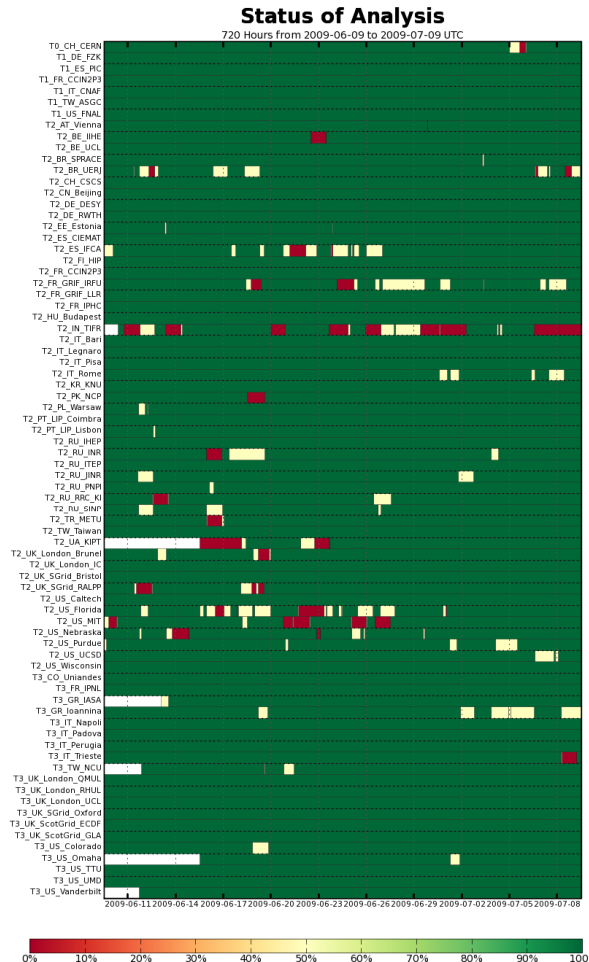
Not yet available through the gridmap interface

Correlating issues

ALICE

ATLAS

CMS

LHCb
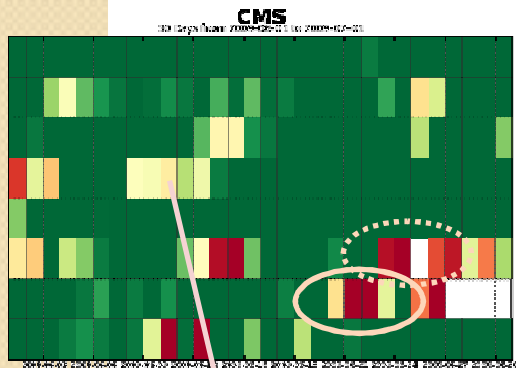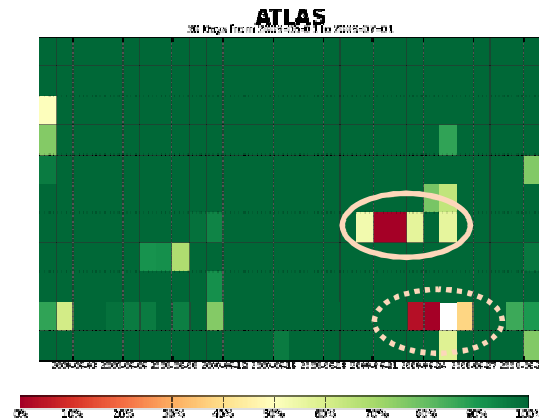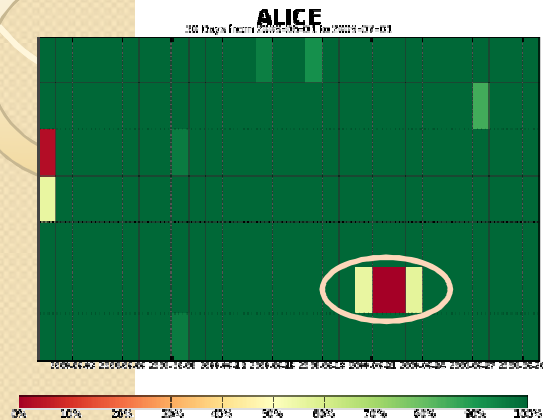
Error due to:
1) GridFTP servers were overloaded.
2) Differences between local file configuration and CVS

T1/T0 Site availability during June

According to experiment's tests

Some problems observed by all experiments

CMS has a more detailed test suite → more errors detected

Weekly CMS follow up
https://twiki.cern.ch/twiki/bin/view/CMS/FacilitiesOps-meetings

To do

- Differentiate site/experiments problems
- Create historical view
  - Both for numerical and status
- Colour-blindness
- Support users
  - If you find a bug, send us a savannah ticket!

Siteview

- Monitor experiment activity at sites
  - Easy to use
  - Single entry point
  - Links to more info
- Collects information from experiments
- Current info + historical view

http://dashb-siteview.cern.ch

Thanks to contact person in the experiments and site administrators!!