

# Integration Report

WP4 workshop

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# Outline

- WP4 components
- Release 2.0
- Future plans
- A few hints

# WP4 components

- LCFGng working with RH7.3 (January)
- Fabric Monitoring (February)
- LCAS + EDG gatekeeper
- Resource Management System (April)
- GLUE CE information providers

# Fabric Monitoring integration

- This release has been deployed
- Includes latest developments (but still flat file DB)
- Distribution repackaged lately

# RMS integration

- Run-Time Control System (RTCS)
- Nodes maintenance
- Accounting information
- Maui scheduler

# RMS integration

- Unit tests ok
- Configuration ok
- Problems found with PBS stability
  - Not related to RTCS
  - Lot of work to identify the problem (longer integration time than expected)
  - RTCS improved to deal with it

# RMS integration

- Delivery of bug fixes faster with build on demand facility *(19 tags for RTCS rpm)*
- Good support for LCFG objects building
- Fast response time of ZIB, good documentation

# CE GLUE information providers integration

- New GLUE (Grid Laboratory Universal Environment) schema defined by the GLUE schema working group from the DataTag project.
- Implementation done by ZIB.
- Integration done by WP3 (responsible for new Grid Information System, R-GMA, working with GLUE schema) with support from WP4 RM task (Thomas, Jörg).
- Positive feedback received from WP3 on the quality of the documentation!!
- WP4 related integration went OK, total integration of GLUE schema and R-GMA not finished yet.



# Release 2.0

- Originally planned beginning of may
- Still some work:
  - R-GMA
  - WP1 software
  - Possible VDT update
- To be used by LCG for Testbed 1

# Future plans

- These are YOUR plans
- Be on time : no release after end of September

# Hints *to easy-going integration*

- Developer's guidelines
  - Now checked at autobuild time
- Detailed test plan needed
  - As well as command line examples
- Test before integration on WP4 testbed