# IT/CZ cluster meeting

## Job Management Coordination Meeting

# Data persistently stored by the Workload Manager

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# Workload Manager: all the file i/o we currently use:

- input (r) (submit, resubmit, _cancel_, [not the match persistently])

- output|w (ice|jc, filelist, jobdir)

- configuration (r)

- jw template (r)

- jw scripts (w)

- brokerinfo (w)

- dagman submit files (w)

- ism dump (w)

- wm_log (w)

- wms_proxy (r)

- user proxy (r)

- pid_file (rw)

# Open questions

- The method must be 100% safe, of course.

- We are basically interested in:

    - Input

    - Output

    - we can also evaluate if/how to store non job-specific information, and where it makes sense

- Persistency will come in this case with atomicity, which is very good.

    - Jobdir dramatically reduces the level of contention as compared to the old filelist, how is this granted  by the lbproxy/db?

    - New, old, tmp?

    - Also admin tools are required to handle the i/o

- Possible mechanisms for notification

    - Ping from each involved service (wmproxy, lm, dag planners)

    - Notifications from the lbproxy (other services simply remove code)

- Also, would it be possible – as an optimisation - to log events for multiple jobids?

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