

## Overview

- JP data sources
  - job registration in L&B(immediately)
  - complete L&B job log (on purge at L&B server)
  - input sandbox (on purge at NS)
  - user tags (any time)
- JP components
  - data gatherers – push data to JP primary storage
  - primary storage – keep the data “forever”
  - index servers – provide ad-hoc views on the data

## Required deployment steps

- setup VO's primary storage
- configure VO's L&B servers and RB's to use it
  - JP assignment can't be done per-job (current implementation only)
- setup one or more JP index servers

## L&B to JP data feed

- non blocking, “store and forward” mode using maildir files
- enable job registration export in L&B server
- export full L&B logs of finished jobs
  - periodically run `glite-lb-purge` in dump-enabled mode
  - supply generated dump files to `glite-lb-dump_exporter`
- run `glite-jp-importer` daemon
  - handles both job registrations and full dumps
  - periodically attempts to deliver them to JP
  - will be eventually merged to generalised interlogger

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## RB to JP feed

- specialised `glite_jpimporter_upload_files` library call
- run `glite-jp-importer`

## IT/CZ cluster testing

- running servers
  - JP-enabled L&B: `scientific.civ.zcu.cz:9000`
  - JP primary storage: `umbar.ics.muni.cz:8901`
  - JP index servers created ad-hoc
- **Start sending jobs now, please.**

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## Integration

- **non-trivial configuration of several co-operating programs**
  - documented in `org.glite.jp.client`
- Who is our ITeam contact person?

## Further data sources

- DGAS: grab resource usage record
- CREAM: handle also non-WMS jobs

## Basic UI support

- query index server(s) to find jobs according to user's criteria
  - e.g. my jobs that failed on this CE in February 2006
- retrieve further job attributes from primary storage
  - e.g. how long were the jobs queued
- assisted resubmission of the same jobs
  - i.e. retrieve JDL and input sandbox files, allow editing them, and resubmit

**Working prototype by the end of EGEE?**