

L&B Status Report – End of Y2

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- Finalising support for native **CREAM** jobs
 - Handling jobs submitted through WMS
 - ▶ Direct and WMS submission now supported
 - Ready for integration with CREAM
- Continued development towards adopting the **messaging** infrastructure
 - Comprehensive **job history** for finished jobs
 - Message **anonymization** controlled by an authz rule or by a specific flag on registration
 - L&B can be configured by site admins to produce messages continuously for **“major” customers**; no need to refresh registrations periodically on user side.
- **Nagios** probe
- Community contribution: Extended support for **Torque** jobs
 - Building on previously introduced support for PBS job type

- Effort required for EMI-2 multi-platform release exceeded expectations.
 - Just a few changes required in actual code (mostly `bash` vs. `dash` differences in generation code)
 - Transition to **self-managed .spec files** and Debian `control` files
 - A lot of effort spent on adjusting to **EPEL** packaging policies.
 - ▶ Resulting in numerous **packaging changes**
 - Collecting and packaging **3rd party** dependencies for Debian.
- Multiplatform testing
 - Built on Czech NGI's **virtualized** environment
 - **Nightly tests** for all platform×scenario×RC combinations.
 - Nightly **performance tests** on the `_dev` project configuration to detect possible negative effects of development.

- EMI-2 *Matterhorn* introduces a **minor release**: L&B 3.2
 - Upgrade from EMI-1 fully tested and supported
 - Planned also for release with EMI-1 *Kebnekaise*, currently offering L&B 3.1
- Release task #23334 in state **certified, but**:
 - Certification successful for SL5 32-bit, SL5 64-bit, SL6 64-bit
 - Certification **not passed on Debian**:
 - ▶ Local builds and packaging OK, deployment & functionality tests OK but many run-time dependencies brought in with `alien`
 - ▶ ETICS builds failing (combination of ETICS problems and failing EMI deps)
- **Update expected** early
 - Finalising Debian support
 - Fixing bugs identified too late to fit in the initial EMI-2 release

- **Manpower** slightly reduced in favour of caNI PT
- Continued development
 - Adoption of **caNI**
 - GOCDB-based **authorisation**
 - Event input from EGI **messaging**
 - Investigate solutions to support **VM** status monitoring
 - Expected community-driven contributions
 - ▶ Multiple **authentication** mechanisms
 - ▶ Mobile user support
- Preparation for the post-EMI era
 - Independent packaging and **distribution** processes
 - Distribution repositories
 - Revising EMI **policies**, deciding what's applicable, **streamlining** the release process.

The End

Questions?