



CERN Batch Accounting Status Update

March 2012





CES

BLAH

File

Local

APEL



Acct. LRMS File →Acct. Portal APEL Acct: Acct. Page Reports CERN IT Department

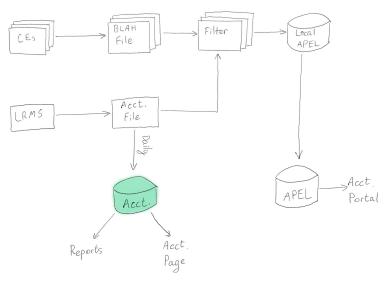
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2 - CERN Batch Accounting Status Update

PES

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PES

BLAH CES File Acct. LRMS File →Acct. Portal APEL Acct: Acct. Page Reports

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Old System:

- Systematic inconsistencies with data from other channels
- Several millions of unprocessed records in DB
- Can't keep up with current job rate: will never catch up

New System:

- Finish setup of monitoring and dashboards
- Ongoing SSM publishing tests with the APEL team
- Most components are in production
- Waiting for new APEL system to be in production





Questions?







Backup Slides

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- Streamlined architecture
- New DB
- New collectors (both LRMS & CE)
- New publisher (using the SSM)
- Improved packaging and monitoring
- Job information query toolkit

- Collectors and publishers in Python
- LSF C API wrapped up in Python module
- Local and CE jobs stored on 2 Oracle tables
- Publishing via APEL SSM (Stomp)
- Reports on Django Web application

