

WP1: Factorizing the core

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- SVN updates: Pilot, BigPanDAmon. Git
- LSST-induced Pilot change
- RPM build system



SVN updates, Git

- Pilot SVN
 - Introduced the trunk/branches/tags structure
- BigPanDAmon SVN
 - Refactored BigPanDAmon package
 - Started tagging
- PandaWMS GitHub project
 - <https://github.com/PanDAWMS>

LSST needs for changes in Pilot

- Configurable PanDA server URL (with ports)
- Output-less jobs

- **BigPanDAinstanceInstallation#Packaging**
- PanDA ecosystem grows, need to standardize deployment process for the components of a PanDA instances
 - ➔ Refrain from “svn up” updates, provide RPMs
 - ✓ PanDA server
 - ✓ BigPanDAMon family
- Using python distutils
 - Currently manual build and SVN tagging, distribution via CERN AFS

Big/Mega PanDA RPM build system

➤ **BigPanDAinstanceInstallation#Packaging**

➤ Using python distutils

- **In progress:** adopting build system of Dashboard/COSMIC using Koji at CERN
 - Automatic tagging, pylint & jslint code check
 - RPM repository to be available outside CERN: based on aipanda004 machine
 - **Aim:** from a SVN commit to built RPM in 5 minutes tops and 1 executed command

Thank you for your attention!



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