

Table of Contents

HEP dependency meta-package Pilot Home Page.....	1
Description.....	2
The dependency meta-package, what is it?.....	2
Use cases.....	2
Objective and metrics.....	2
Planning.....	3
Constraints and milestones.....	3
Initial plan.....	3
Technical documentation.....	4
Installation Documentation.....	4
Configuration Instructions.....	4
Pilot Layout.....	5
Tasks and actions:.....	6
Results.....	7
Feedback from the experiments.....	7
Comments and issues from operations.....	7
Glasgow.....	7
Recommendation for Deployment in production.....	7
History.....	8

HEP dependency meta-package Pilot Home Page

- Start Date: 18 Jun 2009
 - End Date (tentative): 20 Aug 2009
 - Description: Pilot Service of dependency meta-package at FZK, OXFORD, GRIF, Glasgow
 - Coordinators: Antonio Retico, Oliver Keeble
 - Contact e-mail: HEP-meta-rpm@cern.ch
 - Status : Closed
 - Related meetings
-

Description

The dependency meta-package, what is it?

- Experiment software has dependencies
 - ◆ Many can be satisfied from the OS
 - ◆ Particularly, SL5 provides compat* rpms to enable SL4 applications to run on SL5
- A single metapackage will be used to install on SL5/64bit WNs which pulls in all necessary OS rpms
 - ◆ For SL4 32 and SL5 32/64 apps

Use cases

CMS (Andrea Sciaba' for Peter Elmer) :

- Preferable to use WN with interactive access (a PPS node at CERN would be OK)
- Can do tests at RAL and GRIF but fail to see the point

LHCb (Roberto):

- No problem to do a quick test

Atlas(Alessandro De Salvo)

- They can try the SW against whatever we propose
- In addition to that they want to download the rpm and try it in a local installation as well
- Observation: this covers requirements for SL5 only. Sites working with Cent)S and Ubuntu will still need explicit list in the VO ID card (they use it)

Alice(Patricia Mendez)

- She thought that Alice had no special requisites on OS
- would like to know exactly the packages specifically introduced for Alice
- cannot do special testing but it Alice is already running on SL5 at RAL

Objective and metrics

Planning

Constraints and milestones

Initial plan

Technical documentation

Installation Documentation

Configuration Instructions

Pilot Layout

Tasks and actions:

Actions for SA1 are tracked via the [TASK:XXXX](#) available from the [PPS task tracker](#)

Tasks for other participants are tracked here

Assigned to	Due date	Description	State	Closed	Notify
Main.CERN_PPS	2007-03-05	Example Action Item		2008-04-16 AntonioRetico	edit


Results

Feedback from the experiments

Comments and issues from operations

Glasgow

The SL5 meta package is installed on our cluster and if our experiments would like to test at our site I can open up the CE to accept requests.

<http://scotgrid.blogspot.com/2009/07/sl5-workers-mummerings.html> 

Recommendation for Deployment in production

Statement from WLCG

<https://twiki.cern.ch/twiki/bin/view/LCG/SL4toSL5wnMigration>

History

18-Jun-2009 : Activity started

18-Jun-2009 : experiments contacted

10-Jul-2009 : meta-package installed at GRIF

14-Jul-2009: meta-package installed at FZK and integrated into the Quattor templates

29-Jul-2009 : Pilot Home page created

30-Jul-2009 : Glasgow confirmed that the SL5 MP is installed at their cluster

This topic: LCG > PpsPilotHEPrpm

Topic revision: r5 - 2009-09-02 - unknown



Copyright &© 2008-2020 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback