quattor

Workshop on the use of quattor for grid configuration

CERN, 26/3/04

German Cancio

http://quattor.org

First steps

- Who takes minutes incl. action list?
- Introduction:
  - Who you are
  - what institute/project do you represent
  - What commitments you can make
  - What do you expect from this workshop
- Who is the chairman of this meeting? It can't be me. (Cal, DavidG?)
  - As requested: "Community driven, not CERN driven effort".
- The chairman will report the outcome back (via Kors / John) to the LCG GDB.

Today's objectives

- This is a **technical** meeting. Politics during coffee breaks, please.
- See what is the HEP tier1/2 sysadmin interests and commitments in adopting quattor
  - **A) for configuring LCG-2 services**, replacing EDG-LCFGng
  - B) for overall management of their fabric nodes. Is this true?
- For A): goals
  - Decide: *reimplement* existing LCFGng objects *or step back* and start from scratch, using LCG installation guides as a base
  - Global schema configuration model extensions/modifications agreed **and documented**
  - Template **guidelines** (ad-hoc conventions not sufficient)
- For B):
  - How to use/re-use existing (or future – CEL3) CERN system components
  - What other components are needed, as CERN doesn't provide all EDG provided.
- For both A and B:
  - Who **commits** to do what

CERN position

ELFms/quattor project position (CERN IT/FIO):

Virtuous circle: We are willing to put effort into the community..

We **will**…

- actively support quattor core usage outside CERN
- Remove identified site dependencies in the CERN maintained core (there is also UAM maintained core), and in identified configuration components provided by CERN
- Bugfixes and documented functionality (but help writing/refining documentation welcome – eg. installation guide!). Maybe training
- Coordinate functionality additions to core quattor, but particularly changes, with the community representative(s)

Our interest is in return to benefit of…

- Contributions. Specially, Grid components, but maybe extensions (like security, GUI's, or help in platform ports)
- Stabilized, portable, tested and worldwide deployed code ☺

CERN position (II)

We want to **avoid…**

- Forks or code branches emphazise

We can **not**…

- Replace local site expertise which needs to be built up. We can help you here.
- Get involved in Grid components, at least in 2004 (excepting WN and maybe, UI)
- Code on demand enhancements not needed at CERN. (But we consider backwards compatible patches)
- Port the software to non-CERN supported platforms. (Solaris is managed by a different IT team.)

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