Quality group report

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Outline

- These slides give a basic overview of the developers guidelines written by the quality group.
- I pick on some issues, but I deliberately not cover them all: for lack of time and also to encourage you to read the actual guide and refer to it as needed.

Contents of the guide

- The guide covers:
  - software packaging,
  - code management,
  - automatic build system,
  - environment,
  - interfaces,
  - documentation,
  - naming conventions,
  - Release and integration procedures.

More in detail

- Gives precise directives on
  - tree structure of the software modules, (where?)
  - conventions, (what to call your config files)
  - deployment details
- Describes the release procedure
  - End user and configuration documentation must be released 2 weeks before relase slot begins
  - LCFGng components and software built from CVS

How many RPMS for each package?

- RPMS:
  - Client
  - Server
  - Interface (public API)
  - Configuration
  - Development
- The interface RPM is versioned independently
- All of the fields in the spec file should be completed

Documentation

- In CVS
  - module-name/doc/userdoc
  - module-name/doc/apidoc
- Run time
  - $EDG_LOCATION/share/doc/module-name-version
- Man pages: a man page for every command
- README, INSTALL, AUTHOR, MAINTAINER, DEPENDENCIES files

On Daemons

- Should not use host credentials, but a time limited proxy of them
- Shouls have at least start, stop, status and restart methods. Must support "chkconfig"
- Log files go to
    - $EDG_LOCATION/var/log

and should be written so that they can be rotated.

And more...

- The dependencies of a module must be specified in a text file called DEPENDENCIES (in CVS). Must specify (and differentiate) between build dependencies and run time dependencies.
- Configuration file (.template) goes to
  - $EDG_LOCATION/etc (machine indep)
  - $EDG_LOCATION/var/etc (machine dep)

. DO NOT ASSUME THAT "EDG_LOCATION" EXISTS!!

What next?

- Read it...
- ...I need your comments!
- All the code has to abide by the directives described and it will be my task :-(to enforce it, apart from it being blocked at the release procedure if it doesn't compile and install from CVS