



The Quattor Release Process

10/07 - Universidad Autónoma de Madrid

Marco Emilio Poggi – *CERN-IT/INFN-CNAF*

Marco.Emilio.Poggi@cern.ch



- Where are we now?
- Next release
- Code maturity tags
- Automatic documentation refreshing
- Open issues
- Orphans' lottery

- No much progress since the last workshop:
 - + So, the framework is mature ;-)
 - + But, still room for improvements!
 - + ETICS integration on hold

- Ideas:
 - + Enforce “code maturity” tags
 - + Automatic documentation refreshing

- Update or full? It depends on the current status
 - + I propose to apply anyway the full workflow:
 - **PRE-ALERT**, **CODE-FREEZE**, **ISSUED**
 - + I see many changes, especially AII, blockdevices & Co. Please, report
 - + The status page still need manual editing: please, update information under your responsibility
 - + New NCM components to be added?
 - checklines, filesystems, fsprobe, httpd, pine, postgresql, runlevel, sshkeys, sudo, syslog[ng], tomcat, xen
- To be issued during November 2007
- SL(C)3: No longer at CERN.
 - + Still used? Drop support?

- Idea: special tag in Quattor's CVS repository
 - + Format still to be decided: (I remember something like)
 - `STABLE-x.y.z`
 - + *bug #28557*: OBSOLETE tag for Quattor cvs modules
 - `OBSOLETE=1`: print default message: "Component is obsolete"
 - `OBSOLETE=ncm-foo`: print "Component is obsoleted by ncm-foo"
 - `OBSOLETE=` this component is obsolete as only needed for outdated LCG
 - `make rpm` always fails
 - + Enforce maturity tags when building release
 - Only include STABLE modules
 - + Expose information in the HTML documentation

- Idea: Have a CVS checkout on a server, then periodically
 - + Update
 - + Run the tool `gencompswebdoc`
 - Need to generate a column for *maturity* tags
 - Please maintain the tool:
 - List is unsorted :-(
 - provide links to summaries of open bugs in Savannah, e.g.
 - https://savannah.cern.ch/bugs/index.php?go_report=Apply&gi

□ Developers' convention document

+ Best practices and guidelines

→ *Do's & dont's*

→ *bug #23236*: RFC: Perl coding style document

→ Example by Lionel Cons @

<http://cons.web.cern.ch/cons/perl/guide/>

+ Application templates

+ Quality assessment of the code base

→ Lionel Cons's "lint for perl" based on

<http://perldoc.perl.org/B/Lint.html>

→ Enforce checks

- Failure: no CVS check-in allowed via `quattor-build-tools`
- Formally forbid by-passing, unless catastrophes ;-)

- Orphans:
 - + `ncm-checklines`, `ncm-portmap`, `ncm-serialclient`, `ncm-slocate`, `ncm-sysctl`
 - + `ncm-template`
- Adopter please subscribe
- Open negotiation for “eager” volunteers ;-)
 - + Choose what you want
 - Once satisfied can un-subscribe
- Remaining items go into lottery
- Unadopted items flagged as UNMAINTAINED
 - + No longer distributed until an adopter comes in

 **quattor**

<http://quattor.org/>