

Quattor: core modules status update

6th Quattor Workshop

Nikhef - Amsterdam

10/2008

Presented by Marco Emilio Poleggi –INFN-CNAF

- ◆ CDB
 - See dedicated presentation
- ◆ PAN Compiler
 - Entitlement feature
 - Leaner logging options
- ◆ Generic
 - Developers' conventions and perl coding style document [#23236]: *it's evolving :-)*

◆ CAF

- Adding the ability to log to syslog, as well as old-style logs [Luis].
- New module, Process.pm, which wraps LC::Process and allows to log the commands run, at the verbose level [Luis]
- Reporter: restored singleton behavior [^m'e]
- ReporterMany: new class allowing multiple reporter objects [^m'e]
- RepLogger updated to use CAF::ReporterMany [^m'e]
- New module, FileWriter, for wrapping file writing operations [Luis]

- ◆ LC updated to the latest Lionel's releases. To be polled frequently for new releases.

◆ Fixes and new features:

- Added new `getUnescapedName()` and `unescape()` [Luis].
- Fixed the constructor of `EDG::WP4::CCM::Configuration` to get rid of taint warnings [Luis].

◆ Wish list:

- De-privilege CCM execution [#17673]. **No progress.**
- Add flag for disabling CCM updates [#21170]. **No progress.**

◆ cdispd.

- Redirected output to avoid selinux-related problems [Veronique]
- Wish list:
 - request for something like `/etc/noncm` [#43246].

◆ ncd.

- NCM::Check extended with 'noaction' option for overriding the global flag [^m'e]
- Sanitized the component's name on NCD::ComponentProxy so that it runs without warnings with -t [Luis]
- Making NCD/* inherit from CAF::ReporterMany, which keeps them thread-safe [Luis].
- Wish list:
 - should run in perl "taint" mode - CDB-supplied data cannot be trusted [#37445]

◆ template

- No changes

quattor *NCM components*

- ◆ No framework's changes.
- ◆ More control on [Luis]:
 - component execution via `CAF::Process`
 - File handling via `CAF::FileWriter`

- ◆ All extensions [Luis]
 - hooks
 - templates for filesystem layouts in /site/filesystems
 - minimal All configuration for site/ and os/i386_sl3/
 - new description for hard disks and RAID controllers, with its validation functions
 - support for "bridges" on /system/network/interfaces.

◆ SPMA/rpmt

- Tolerate warning messages in the rpm query, without stopping execution, unless rc<>0 [German]
- Wish list:
 - *spma just warns for failing RPM scripts [#41881]*

◆ SWRepSOAP

- Archive and unarchive commands, template command now ignores archived packages

- ◆ Pangraph + cdb-tpl-view ready for namespaces and navigation via panc logging information
- ◆ Checkdeps
- ◆ QuatView
- ◆ Tools review: see Stephen's presentation.

 quattor

<http://quattor.org>