

Quattor/CDB component and template maintainers

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ELFms brainstorming

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Agenda

- NCM-components
 - <https://twiki.cern.ch/twiki/bin/view/ELFms/ComponentCernMaintainers>
 - propose a CERN policy for components bug fixing, testing, announcement, use of test/preprod/prod
- other templates such as:
 - prod/site/cern_cc/rpms/addons/*
 - prod/services/*
 - package lists: prod/os/*/rpms/*
 - + what about lists for rhes5 ?
 - prod/xen/*
- iptable pre-defined rules
- EPEL repository (pkg list and defaults, & upgrades)
- ...

NCM-components Maintainers

- <https://twiki.cern.ch/twiki/bin/view/ELFms/ComponentCernMaintainers>
 - Needs update ?
- Quattor community policy is: Anyone is welcome/encouraged to provide bug fixes to any component (ask access to SourceForge on quattor-discuss@lists.sourceforge.net)
 - cern-specific components (cern-db, cern-it-fio, cern-it-ps-solaris, glite, lcg-2) that can be shared should be moved to “core”
 - See <http://isscvs.cern.ch/cgi-bin/cvsweb.cgi/elfms/quattor/ncm-components/?cvsroot=elfms>

Ncm-component CDB templates

- Old schema (slc4/rhes4):
 - (40) `pro_software_component_XXX`
 - *Reminder: slc5/rhes5 config files should not include any “prod/pro_XXX” template*
- New schema:
 - (81) `prod/components/XXX/config.tpl` & `schema.tpl`
- Overlap: (14)
- Dec. 2008: (58)/(21)/(28)

prod/components/xxx/config.tpl

```
unique template components/grub/config;
```

```
include components/grub/schema;
```

```
"/software/packages"=pkg_repl("ncm-grub", "2.1.2-1", "noarch");
```

```
# standard component settings
```

```
"/software/components/grub/active" ?= true ;
```

```
"/software/components/grub/dispatch" ?= true ;
```

```
"/software/components/grub/dependencies/pre" = push( "spma" );
```

```
"/software/components/grub/register_change/0" = "/system/kernel/version";
```

```
# component specific settings
```

```
"/system/kernel/version" ?= undef ;
```

```
#CERN
```

```
"/software/components/grub/dispatch" = false ;
```

```
"/software/components/grub/dependencies/pre" = null;
```

Default version of a component

- Is defined in
`prod/components/xxx/config.tpl`
- For old schema, also in
`prod/pro_software_packages_defaults_cc_*`

Testing

- How to use /test, /preprod, /prod ?
 - To be discussed

Announcements

- Cern-quattor-announce@cern.ch
- Logs:
 - Can we use <https://cdbtrack.cern.ch/home> ?

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PAN “annotations”

- Will be consumable with panc v8.3
 - Timescale: ~soon first release available
 - But we are not ready: get rid of a lot of deprecated syntax
 - All templates to be corrected
 - All tools to be updated

```
@maintainer{
  name = Joe Bob
  email = joe.bob@example.org
}
@maintainer{
  name = Jane Doe
  email = jane.doe@example.org
}
template test;
...
```