

# NCM-YAIM

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# NCM-YAIM

- NCM component:
  - To configure `/etc/lcg-{quattor}-site-info.def`
  - To run YAIM `install_node`
  - To run YAIM `configure_node`
- For LCG-2.7 and gLite 3.0:  
`.../conf/YAIM_HOME = /opt/glite` or  
`/opt/edg`

# NCM-YAIM

- NCM component:
  - To configure /etc/lcg-{quattor}-site-info.def
  - To run YAIM install\_node
  - To run YAIM configure\_node
- For the following type of services:
  - **BDII**, **CE**, CE\_torque, **lcg-RB**, **lcg-CE**, lcg-CE\_torque, **glite-CE**, **glite-WMSLB**, **glite-FTS**, **glite-FTA**, LFC\_mysql, LFC\_oracle, **MON**, **PX**, **RB**, SE\_classic, SE\_castor, SE\_dcachec, SE\_dpm\_disk, SE\_dpm\_mysql, SE\_dpm\_oracle, TAR, **UI**, VOBOX, **VOMS**, **WN**, WN\_torque

# NCM-YAIM

- New functionality configurable in CDB:
  - **YAIM\_HOME** ? String  
to distinguish between LCG-2.7 and gLite 3.0  
(default /opt/edg)
  - **SITE\_INFO\_DEF\_FILE** ? String  
For a different name/path to the info.def file  
(default /etc/lcg-quattor-site-info.def)
  - **SECRET\_PASSWORDS** ? String  
File appended to **SITE\_INFO\_DEF\_FILE**: to  
avoid passwords in CDB (default = nothing)

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- **Extra** **? String{}**  
free format array that is appended to the info.def file, eg:  
.../extra/glite4path = “/opt/glite4”  
will appear in the info.def as:  
GLITE4PATH=“/opt/glite4”

# NCM-YAIM

- Users.conf & groups.conf:
  - Both files are mandatory with gLite 3.0
  - Check for a program:  
`/usr/libexec/create-YAIM-users_conf`  
and run it if exists, with users.conf file as arg
  - If no users.conf exists, copy default one
  - Same for groups.conf:  
`/usr/libexec/create-YAIM-groups_conf`

# NCM-YAIM

- New CDB entries for FTS:
  - .../FTA/xxx = “yyy” (free format)
  - .../FTS/xxx = “yyy”, where xxx:  
HOST\_ALIAS, DBURL, STATS\_GENERATION\_INTERVAL,  
SUBMIT\_VOMS\_ATTRIBUTES, ADMIN\_VOMS\_ATTRIBUTES,  
DB\_SQLPLUS\_CONNECTSTRING, DB\_USER,  
DB\_PASSWORD
- New vo\_base:
  - .../YAIM/VO  
but  
/system/vo still works

# NCM-YAIM

- Steer (again) run of `install_node` and `configure_node`:  
.../YAIM/install ? boolean  
.../YAIM/configure ? Boolean
- If set to no, just print the line (for copy & paste)
- Install not tested, not clear what to do in case of failure



# NCM\_YAIM

- Current version:  
ncm-yaim-0.2.0-4:
  - [http://swrep/swrep/i386\\_slc3/ncm-yaim-0.2.0-4.noarch.rpm](http://swrep/swrep/i386_slc3/ncm-yaim-0.2.0-4.noarch.rpm)
- In CVS:
  - Elfms/quattor/ncm-components/lcg-2/ncm-yaim
- New release (0.2.1-0) when gLite 3.0 installation finished at CERN (and possible feedback/bugs)
- Feedback & Suggestions are welcome:
  - Savannah
  - email: [Thorsten.Kleinwort@cern.ch](mailto:Thorsten.Kleinwort@cern.ch)
- Give me some time for implementation 😊