



CVS USER GUIDE

Document identifier: **LCG-03-TYP-nnnn**

EDMS id: **no edms ref**

Version:

Date:

Section: **misc**

Document status: **DRAFT**

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File: **cvsguide**

Abstract: A simple documentation about using CVS in LCG.

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1. OBJECTIVES OF THIS DOCUMENT

Help Using of CVS areas in LCG. This documentation must be read by all LCG deployment group and by developer working on LCG development.

2. GENERAL INFORMATIONS

For all people used to access lcgdeploy and lcg-middleware before 30 of March everything has change. We have in LCG deployment group 2 differents repository. One for deployment (place where configuration, documentations and set of rpms in LCFGng format is store) and another one for develloperment. To access a CVS server there is 3 environment variables to set, CVSROOT, CVS_RSH and CVSEDITOR. CVS_RSH must be set to ssh and CVSEDITOR to your favorite editor (if you do not set it set it, vi is the default one).

- For Develloperment the name of the cvs repository is lcgware your CVSROOT is :

:ext:YOUR_AFS_LOGIN@isscvs.cern.ch:/local/repos/lcgware

- For Deployment the name of the cvs repository is lcgdeploy your CVSROOT is :

:ext:YOUR_AFS_LOGIN@lcgdeploy.cvs.cern.ch:/cvs/lcgdeploy



3. ACCESS

If you need a write access ask it to Louis.poncet@cern.ch or Carlos.Osuna.Escamilla@cern.ch. Instead of rewriting the documentation from CVS cern group I prefer to give you urls of documentations for accessing cvs repository on cern cvs.

For accessing developement :

Our CVSROOT is `CVSROOT=:ext:YOUR_AFS_LOGIN@isscvs.cern.ch:/local/reps/lcgware`

The documentation to have all details for your settings (you need to read this) :

<http://cvs.web.cern.ch/cvs/howto.html#accessing>

For accessing deployment :

`CVSROOT=:ext:YOUR_AFS_LOGIN@lcgdeploy.cvs.cern.ch:/cvs/lcgdeploy`

The documentation to have all details for your settings (you need to read it) :

<http://lcgcv.s.web.cern.ch/lcgcv.s/howto.html#accessing-clients>

4. AND HOW TO USE CVS ?

This part is only a short memo (thanks to Yannick Patois all simple infos are welcome) :

Creating a module:

`cvs import -m "My comments" ModuleName Author TagName` (Note: This command will probably be reserved to administrators).

Checkout a module:

`cvs checkout ModuleName` (With a tag name: `cvs checkout -r TagName ModuleName`)

Updating a module:

`cvs update -PA`

Tagging a release:

`cvs tag TagName`

Adding a file:

`cvs add FileName`

Removing a file:

`cvs remove FileName`

Differences:

`cvs diff`

Developers Logs:

`cvs rdiff`

Checking freshness:

`cvs release`

Updating a file:

`cvs commit -m "my comments" FileName`

Info

from a file: `cvs status FileName`