

How do I set up a CVS repository and access it from Eclipse and the isCOBOL IDE?

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Saved From: <http://support.veryant.com/support/phpkb/question.php?ID=86>

Question:

I'd like to set up a CVS repository and access it from Eclipse/isCOBOL IDE to use the Team development and project sharing features.

Can you point me in the right direction?

Answer:

Here are the actual commands I ran on Ubuntu Linux:

```
sudo apt-get install cvs
sudo apt-get install xinetd
mkdir /usr/local/cvsroot
chgrp cvsusers /usr/local/cvsroot
chmod g+w /usr/local/cvsroot
cvs -d /usr/local/cvsroot init
export CVSEEDITOR=vi
export CVSROOT=/usr/local/cvsroot
```

I had a directory named test_project with some files in it so I ran:

```
cvs import test_project initial start
```

And to set up the client/server functionality I edited the cvspserver file:

```
sudo vi /etc/xinetd.d/cvspserver
```

and added the following lines:

```
service cvspserver
{
    port = 2401
    socket_type = stream
    protocol = tcp
    user = root
    wait = no
    type = UNLISTED
    server = /usr/bin/cvs
    server_args = -f --allow-root /usr/local/cvsroot pserver
    disable = no
}
```

Then I restarted the xinetd daemon:

```
sudo /etc/init.d/xinetd stop
sudo /etc/init.d/xinetd start
```

- Open the "CVS Repository Exploring" Perspective
- Right-click and add a new CVS Repository
- Put the following in the Host field:
:pserver:bagside@bagvapp:/usr/local/cvsroot
and it automatically populates the other fields.

The above assumes that you have created a group called "cvsusers" and you have added each of the users to this group.

If you already have a "devel" group with the correct users then you could change "cvsusers" to "devel" in the above commands.

There is a Wikipedia article at: http://en.wikipedia.org/wiki/Concurrent_Versions_System

You can read the pdf version of "Version Management with CVS by Per Cederqvist et al" at <http://ftp.gnu.org/non-gnu/cvs/source/feature/1.12.13/cederqvist-1.12.13.pdf>