

Using Eclipse to access a CVS repository

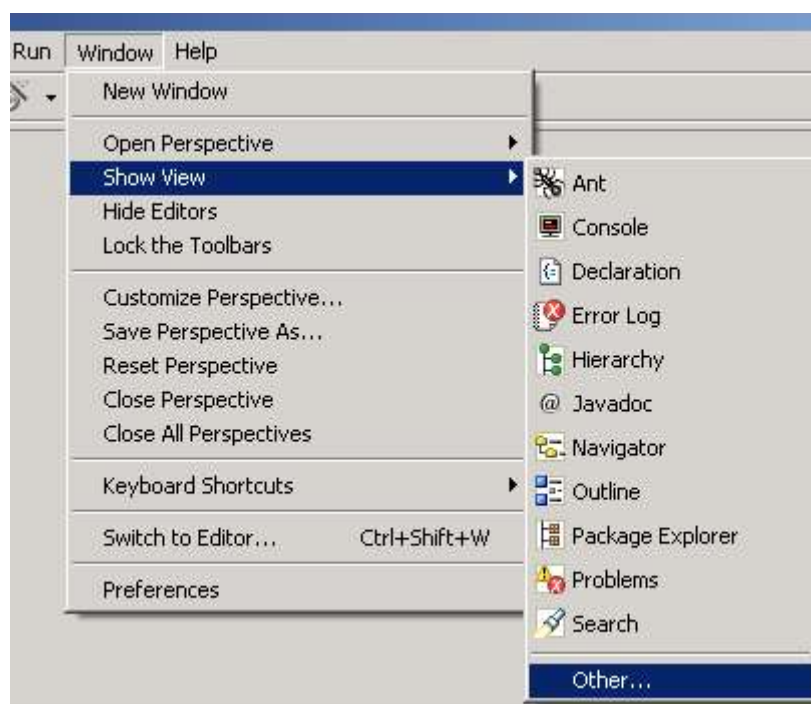
Author: Xavier Vilajosana

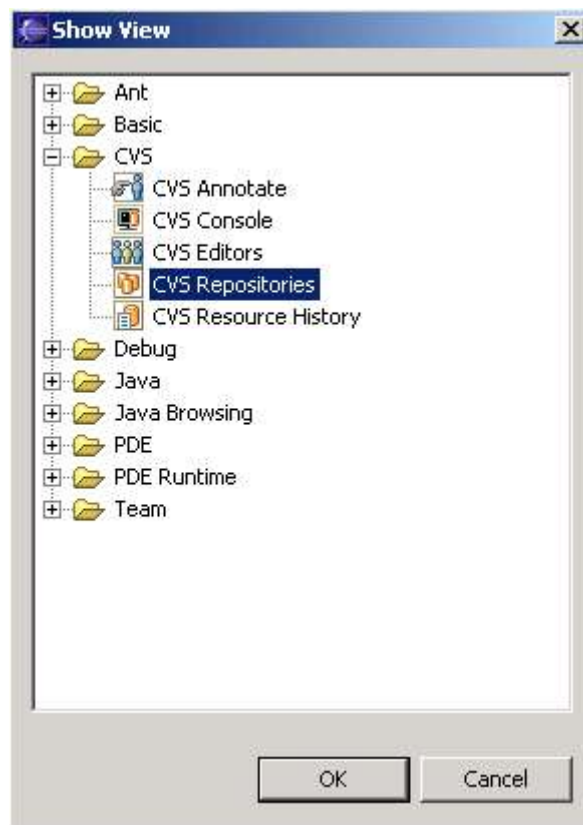
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1. How do I use eclipse to access a CVS repository?

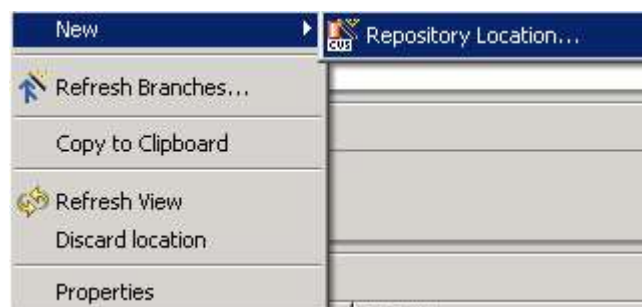
To access a CVS repository you must have a repository location. To create a new repository location follow these steps:

1. Open the CVS Repositories view (Window->Show View->Other...->CVS->CVS Repositories).





2. Right click in the CVS Repositories view and select New->CVS Repository Location...



3. Fill in the form detailing your CVS server's information.

Add CVS Repository

Add a new CVS Repository to the CVS Repositories view

Location

Host:

Repository path:

Authentication

User:

Password:

Connection

Connection type:

Use Default Port

Use Port:

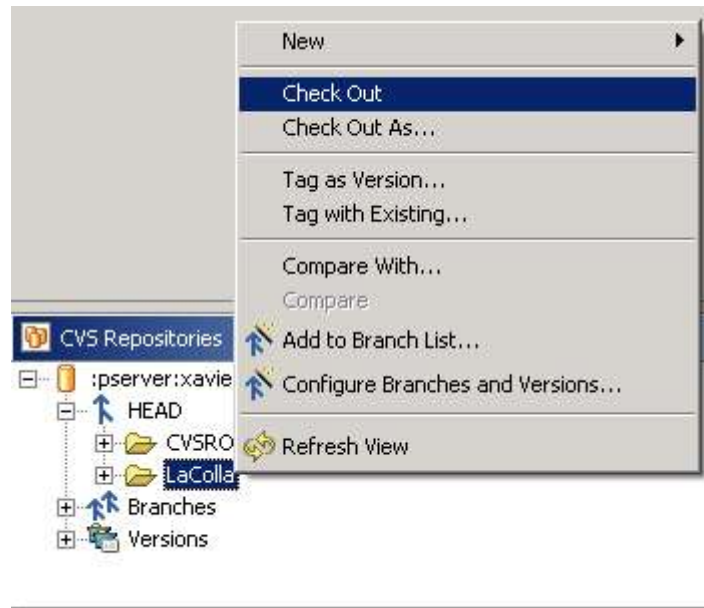
Validate Connection on Finish

4. Click "Finish".

2. Check out an existing project:

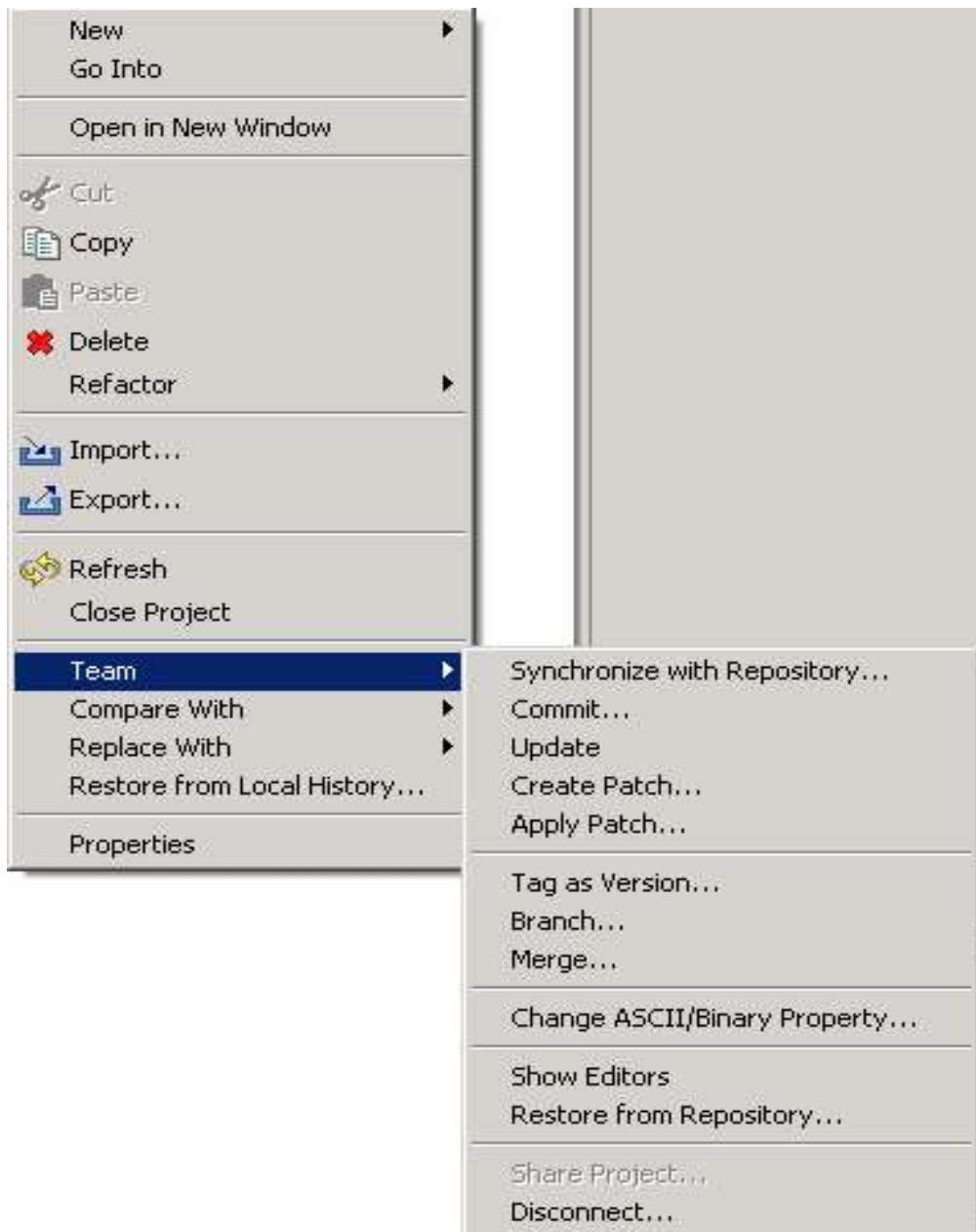
If there is an existing project in the CVS server, you will want to import it to your eclipse workspace.

1. Right click in the CVS HEAD project.
2. Click Check Out.



3. The project will appear in the projectsd workspace.

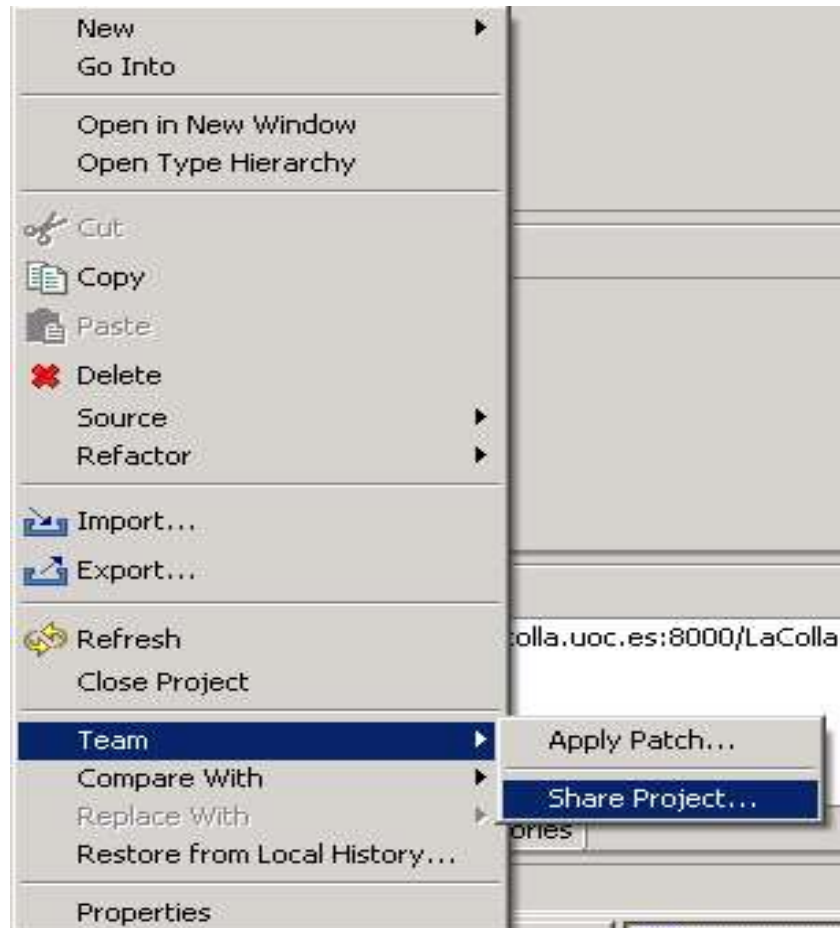
4. You could execute different commands on that project by a right click.



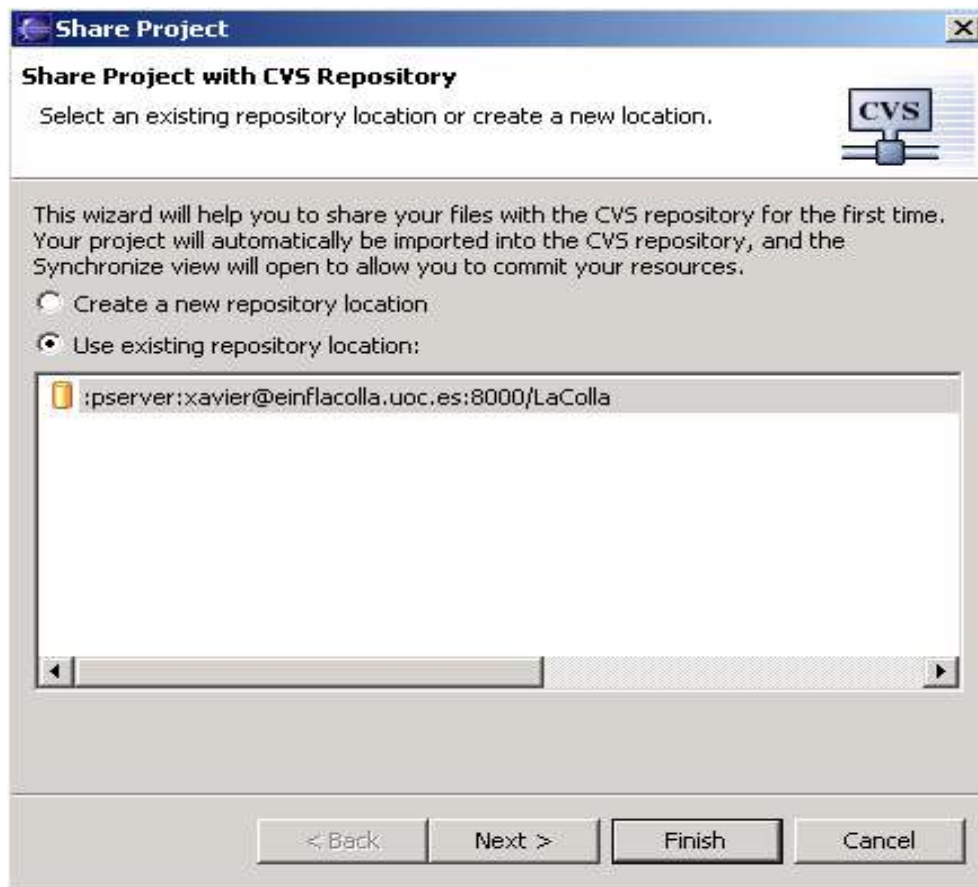
3. Share your local projects.

Once you have a repository location, you will want to share your projects by releasing them to the repository.

To share a project with a repository select Project->right click->Team->Share Project...



You will be prompted to select the repository with which you would like to share your project.



Once you have selected the repository click Finish.

3. Commit the local project:

The Synchronize view will appear. When releasing new projects, you can simply right click on the project and select Commit.

You will be prompted to enter a description.

Once you have entered a description of your release, your code will be released to the CVS server.

After you have shared your projects with a repository you can use the "Synchronize with Repository..." function to release code and to catch up with changes that others have made to the code in the repository.

See Project->right click->Team->Synchronize with Repository...

TIP: If commits to the repository fail, check your workspace/.metadata/.log file. If the following error is there, you should set the permissions on your CVS server directory to +x for everyone (this is a workaround).

```
4 org.eclipse.vcm.core.cvs 1 The CVS repository reported problems.
  1=====
4 org.eclipse.vcm.core.cvs 4 cvs server: failed to create lock directory
```

```
for `/home/cvs/CVSROOT/Emptydir' (/home/cvs/CVSROOT/Emptydir/#cvs.lock):  
Permission denied  
4 org.eclipse.vcm.core.cvs 4 cvs server: lock failed - giving up  
4 org.eclipse.vcm.core.cvs 4 cvs [server aborted]: lock failed - giving up  
1=====
```

4. References

http://www.eclipse.org/eclipse/faq/eclipse-faq.html#users_7