

# SubversionMigration

## Moved to Subversion

Cocoon CVS repositories are moved into the [Apache Subversion Repository](#). This page is meant to collect information about this move, and help people configure their SVN clients.

## Committers warning

By default, svn client [saves the credentials in your hardisk](#) in plain text in `~/.subversion/auth/svn.simple/*`.

If you want to disable the credential caching permanently, edit the runtime config file (in \*NIX `~/.subversion/config`) and add:

```
[auth]
store-auth-creds = no
```

## Repository Details

See also <http://marc.theaimsgroup.com/?l=xml-cocoon-dev&m=109111483816838&w=2>.

There were two active CVS repositories, **cocoon-2.1** and **cocoon-2.2**. Former had two branches, **BRANCH\_2\_1\_X** and **HEAD**. Latter has only **HEAD**.

cocoon-2.1's **BRANCH\_2\_1\_X** was started out of **RELEASE\_2\_1\_5** tag, and has one release, tagged as **RELEASE\_2\_1\_5\_1**. cocoon-2.1's **HEAD** contains code of cocoon-2.2-dev, next minor version of Cocoon.

cocoon-2.2's **HEAD**, despite its name, actually contains experimental code for the new Cocoon kernel which might grow into the foundation of Cocoon's "real blocks".

When CVS repositories were migrated into the Subversion, naming confusion was resolved, by clearly marking what is where. Thus,

- cocoon-2.1 **HEAD** became trunk, and contains 2.2-dev,
- cocoon-2.1 **BRANCH\_2\_1\_X** is branch with same name and contains 2.1.6-dev,
- cocoon-2.2 **HEAD** became **new-kernel** branch and contains experimental code.

## Practice SVN repository

The practice repository found at <http://svn.apache.org/repos/test/> can be used to test your SVN client. This URL is read-only.

For committers, a writable test repository is available at <https://svn.apache.org/repos/test/>. To generate a password, ssh to minotaur.apache.org and run the following command:

```
svnpasswd username
```

This will ask you for a subversion password. This is the user and password you can use when checking in code.

To switch from the http to the https repository use

```
svn sw --relocate http://svn.apache.org/repos/test https://svn.apache.org/repos/test
```

## Subversion clients

(please list your favorite clients here)

- [Subversion Commandline](#) (many platforms). A convenient installer for macosx can be found at <http://metissian.com/projects/macosx/subversion/>
- [TortoiseSVN](#) (Win32)
- [Subclipse](#) (Win32, Linux, MacOS X)
- [RapidSVN](#) (Win32, Linux)
- [JSVN](#) (Java)

## Quirks with some clients

If you get: "unknown url scheme" then recompile your svn client with ssl support. On linux use


```
./configure --with-ssl
```

## Use recent version of Subclipse

The latest versions of Subclipse are hidden in the depth of the menus at their website. At <http://subclipse.tigris.org/servlets/ProjectDocumentList?folderID=2240> find the latest builds.

## Subclipse

### Installation

Find the latest Subclipse plugin at <http://subclipse.tigris.org/update>. In order to install it, choose [Help - Software Updates - Install/Update] and then "Search for new features to install" and "Add Update Site". Enter "<http://subclipse.tigris.org/update>" there. (Tested with with Eclipse 3.0 – [ReinhardPoetz](#))

### Subclipse HTTPS support

Currently the certificate for svn.apache.org is self-signed. Subclipse doesn't offer a possibility to accept it. A workaround is using the command-line client of SVN and accept the untrusted certificate permanently at your first connection, then Subclipse will be happy.

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## Subversion resources

- A [fast introduction](#)
- Free online and opensource book: [Version control with Subversion](#)
- [Version Control System Comparison](#)
- Subversion: a compelling alternative to CVS by Peter Burkholder (Colorado SAGE) [Presentation](#)