

CAT Assistant Tool

Configuration Management Process

As this is an on-going project with new teams developing new or improving existing features each term, a simple configuration management process needs to be followed. This process can be tailored each term, depending on the number of teams working on the development.

.NET CVS Repository

The repository is located on the unix server called mrpeabody, which is a research server. You need a new account to access this machine (not your regular unix account). To request an account on mrpeabody, contact Dr. L. Chung or Dr. K. Cooper.

Once you have the new account, you can ssh to mrpeabody using PuTTY

Using csh, you can set the environment variable CVSROOT as follows:

```
setenv CVSROOT /CARE/CAT_CVS
```

Many tutorials are available on CVS. For example, <https://www.cvshome.org/docs/blandy.html>

Maintaining the integrity of the code base and documentation

Team members may check out files for less than one day. These files must be checked in by 10:00 p.m. the same day.

Team members may only check in files that have been compiled/tested with the entire code base. Note. The code in the repository must always compile and execute.

Each day after the checkin deadline, the configuration management lead checks out the code base, compiles, and tests the build. Errors are reported to the person who modified the file; the person who modified the file is responsible for correcting the build by the next day.

Making the most recent versions of the code base and documentation available

After each major revision to the tool and documentation, the new version needs to be made available to the community by posting it on the project website.