

# Mercurial Cheat Sheet

Mercurial commands and configuration in the DCDT project.

## Global Configuration

The .hgrc file is for Mercurial configuration. On Windows it is in the .hg directory in the top level of a local repository clone, and on Linux/Mac it is in file ~/.hgrc.

In Windows, Mercurial is also configured with %USERPROFILE%\Mercurial.ini.

You can setup authentication rules for all googlecode repositories in your global .hgrc file like this:

```
[auth]
googlecode.schemes=https
googlecode.prefix = code.google.com
googlecode.username = <your username>
googlecode.password = <your password>
```

Since development is done on a personal branch, changesets initially need to be pushed to one's personal repository, but also need a facility to easily pull from the main DCDT repository, and this can be done with this configuration in <DCDT local root>/.hg/hgrc file:

```
[paths]
default = https://code.google.com/r/<your clone>/
dcdt = https://code.google.com/p/direct-certificate-discovery-tool/
```

## Interacting with the main repository

Pull from the main repository after every changeset is pushed to it, in order to make sure your workspace/clone doesn't fall behind:

```
hg pull dcdt
```

Push to the main repository after all code reviews are completed:

```
hg push -r <revision[s]> dcdt
```