

Master source tree:

/hg/code/  
/hg/test/  
/hg/doc/  
etc.

Development branches  
(we should have a naming convention for these, e.g.):

2011-06-06/new-gui

Use cases: 1. make a new development branch if you have a long-lived or shared piece of development to do.

2. during development, and especially when you believe your development branch is shipping-quality, merge changes from the master source tree onto the development branch.

3. When development is finished and tested, merge back to master source tree.



Ideally, the master source tree is always ready to ship. The idea of a "freeze" is deprecated. (but while you have a project with only one or two developers, you might want to just develop on masters without making dev branches).



Version branches.  
version/0.0  
version/0.1

**Use Mercurial named branches for both development branches and version branches.**

A version is a tree which meets some predefined spec. There is a 'plan' which describes the future versions (e.g. in reference to some requirements).

Use cases: 1. make a version branch when you believe the master sources meet the spec.

2. when fixing a defect on a release, fix in the version branch. Merge back to masters when fixed.

3. only have multiple 'live' version branches if strictly necessary.



Releases go in the googlecode downloads system.

e.g. ccf-homogenization-0.1.3.tgz  
AFAIK this is independent of the Hg repository.