TagTheRelease

Creating the Tag

Prerequisites:

1) Remove any vestigial references to org.apache.maven.plugins maven-pluto-plugin. This was caused by an incorrect *<groupId>* that appeared a while back in the Pluto POM. Once you remove these references, they shouldn't come back:

- Delete this directory: ~/.m2/repository/org/apache/maven/plugins/maven-pluto-plugin
- Remove any reference to pluto-maven-plugin in ~/.m2/repository/org/apache/maven/plugins/maven-metadata-local.xml
- Make sure the following is in settings.xml in ~/.m2/repository:

```
    <pluginGroups>
          <pluginGroup>org.apache.pluto</pluginGroup>
    </pluginGroups>
```

The Maven 2 release plugin is used to create the tag. The Maven 2 assembly plugin is used to create the binary and source distributions.

⚠ TODO: fix paths

With Maven 2, creating the tag and creating the distributions occur *at the same time*. When the `release` plugin is run, be sure to activate the `assembly` profile (using `-Passembly,build-assemblies` on the command line). When the `assembly` and `build-assemblies` profiles are activated, the distributions will be generated in `assembly/target/assembly/out`.

The release plugin will (not in this exact order, but close):

- Check to make sure you don't have any uncommitted changes in your working copy.
- Check to make sure you have an up-to-date working copy.
- Check to make sure you don't have any dependencies on any SNAPSHOT artifacts.
- Prompt you for the version you are releasing (e.g. if trunk is `1.1.0-SNAPSHOT`, you are releasing `1.1.0`).
- Prompt you for the next version in the development cycle (e.g. if you are releasing `1.1.0` then the next version is probably `1.1.1-SNAPSHOT`).
- Update the POM's with the proper version numbers.
- Create the tag in SVN.
- Build the distributions (as long as the `assembly` profile is activated)
- Run `mvn deploy` and `mvn site-deploy`

  1. Make sure you have an up-to-date copy of trunk checked out, and that you don't have any pending changes.

```
svn up
svn st
```

2. Run `mvn -Passembly,build-assemblies release:prepare`

3. Run `mvn -Passembly release:perform`

You should see your new tag appear under tags. You should see a commit that look something like:

```
esm@clue:~$ svn log https://svn.apache.org/repos/asf/portals/pluto/tags --limit 1
------------------------------------------------------------------------
r506076 | esm | 2007-02-11 12:29:23 -0500 (Sun, 11 Feb 2007) | 1 line

[maven-scm] copy for tag pluto-1.1.0
------------------------------------------------------------------------
```

4. Binaries will be in `assembly/target/assembly/out`