

# ReleaseChecking

This page describes some of the checks that can/should be made on release candidates

- Check all applicable source files have AL headers
- Sigs and hashes are OK
- Sig is in KEYS file and in a PGP public directory
- SVN tag agrees with source archive (ignoring EOL as necessary)

## Check: JMeter SVN tree vs JMeter archive sources

TODO: simplify this checking process and extend to Windows.

For JMeter sources, need a Linux box, SVN (apache) and GIT (local).

Export the RC tags to a temporary directory.

```
cd /tmp
svn export http://svn.apache.org/repos/asf/jmeter/tags/v2_8_RC1 jmeter_v2_8_RC1
```

Initialize a GIT local repository

```
cd jmeter_v2_8_RC1/
git init
```

Add and commit all files from the svn export

```
git add *
git commit -m "SVN export to initial import"
```

Untar the JMeter sources tgz file into a temporary directory, and copy the contents in the git repo.

```
tar xzf /tmp/releases/jmeter_2_8/jmeter_v2_8_RC1/dist/apache-jmeter-2.8_src.tgz -C /tmp
cp -a /tmp/apache-jmeter-2.8/* /tmp/jmeter_v2_8_RC1/
```

Check the differences with the git diff command:

```
cd /tmp/jmeter_v2_8_RC1/
git diff
```

Samples Results:

```
diff --git a/bin/jmeter b/bin/jmeter
old mode 100755
new mode 100644
diff --git a/bin/jmeter-server b/bin/jmeter-server
old mode 100755
new mode 100644
diff --git a/docs/download_jmeter.cgi b/docs/download_jmeter.cgi
old mode 100755
new mode 100644
```

Here, differences is only the permission on some files (not matter in this case)

After all checks, you can remove the temporary directories.