ReleaseManagement

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* get your gpg key into a file called KEYS at

  https://svn.apache.org/repos/asf/excalibur/trunk/KEYS

* copy this file to

  /www/www.apache.org/dist/excalibur

  ie

  wget https://svn.apache.org/repos/asf/excalibur/trunk/KEYS
  scp KEYS minotaur.apache.org:/www/www.apache.org/dist/excalibur

* update project.xml. Probably need to change the version numbers.
  Commit the changes.

  cd ~/svn/excalibur/trunk
  vim instrument/project.xml
  vim instrument-manager/project.xml
  vim instrument-client/project.xml
  svn commit -m 'prepare for releases'

  or something like that.

* optional: temporary get rid of your gpg passphrase

  gpg --edit-key <YOUR ID>
  > key <YOURKEY>
  > passwd
  <YOUR PASSPHRASE>
  <enter>
  <enter>
  yes
  quit
  yes

  or something like that.

* make sure you're using the latest version of the Sun JDK 1.3 to build the distributions.
  Otherwise subtle incompatibility issues may arise later. Exceptions are packages which
  utilize JDK1.4 logging like excalibur-framework-impl. Those need to be built using JDK1.4.

* build distributions, tag svn, and deploy them using

  maven multiproject:install
  cd instrument
  maven excalibur:release
  cd ../instrument-manager
  maven excalibur:release
  cd ../instrument-client
  maven excalibur:release

  The way the script works is if you have the string "RC" or the string "dev"
  in the version then it assumes it is a release candidate
  and deploys to your own personal account
  (/home/${user}/public_html/dist) otherwise it deploys to
  main area (/www/www.apache.org/dist).

  To deploy the artifacts you add something like the following
  into your ~/build.properties or you can specify it on command
  line.

  maven.username=donaldp
  maven.privatekey=C:\Documents and Settings\Peter\Application Data\SSH\UserKeys\PeterHome
```

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   The goal to deploy artifacts is "excalibur:deploy", tagging
   repo is "excalibur:tagRelease" and releasing (which tags and
   deploys) is "excalibur:release". See maven.xml file(s).

   With the newer maven releases JSCH is used in the deploy plugin,
   and ssh agent forwarding and the like won't work. To get around
   this, you will probably need to specify

   maven.repo.default.passphrase=XXXX

   either on the commandline r in ~/build.properties.

* optional: restore your gpg passphrase

   gpg --edit-key <YOUR ID>
   > key <YOURKEY>
   > passwd
   <YOUR PASSPHRASE>
   <YOUR PASSPHRASE>
   quit
   yes

   or something like that.

* ask for feedback on dev@excalibur

* probably go through several iterations of the above as some
   last-minute bugs are hammered out

* call for a PMC vote to release the files

* if the vote passes, change the version numbers to final and
   rerun the build process. With no "RC" in the version name
   the files should end up at

   http://www.apache.org/dist/excalibur/

* send out announcements to the appropriate mailing lists
```

see also: http://wiki.apache.org/avalon/AvalonReleaseManagerHowto. It has sample announcements and the like. Don't pay attention to the rest of the process though :-D