**tag\_release.sh**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppSvnTagRelease#tag_release.sh)

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**Description**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppSvnTagRelease#Description)

This is a utility script that will do all the work of tagging a new version in the NCLADT Subversion repository. It will also provide an option to copy the tagged version to tags/latest\_stable so that users can have a common name to get the latest version of an application. Using a "latest\_stable" tag is recommended for all shared applications.

**Source Code**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppSvnTagRelease#SourceCode)

* [Browse code](https://collaborate.nws.noaa.gov/trac/ncladt/browser/ncladt/ladroot/apps/tag_release) - for viewing source code only, do not download the code from the Trac repository Browser interface.
* Subversion:
* svn checkout https://collaborate.nws.noaa.gov/svn/ncladt/ladroot/apps/tag\_release/trunk tag\_release

**Documentation**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppSvnTagRelease#Documentation)

This page provides the documentation for this application. Plain text documentation is provided with the application [here](https://collaborate.nws.noaa.gov/trac/ncladt/export/HEAD/ncladt/ladroot/apps/tag_release/trunk/doc/tag_release.txt).

**Installation**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppSvnTagRelease#Installation)

tag\_release.sh is normally installed in $LOCALAPPS\_RUN/bin. It can be installed anywhere, however, it is suggested to install in a place that is in all users PATH setting.

You can get just the script and install directly:

cd $LOCALAPPS\_RUN/bin

svn export https://collaborate.nws.noaa.gov/svn/ncladt/ladroot/apps/tag\_release/tags/latest\_stable/bin/tag\_release.sh

chmod +x tag\_release.sh

**Usage**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppSvnTagRelease#Usage)

tag\_release.sh [--force]

1. This script MUST be run from an application's trunk working copy.
2. The application must also have a tags directory already set up in the repository.
3. The application's trunk working copy must be fully up to date with the repository, i.e., there are no uncommitted changes in the working copy.

The script will attempt to do some validation and list out versions already in tags. The script will exit if it thinks there are outstanding changes that have not been committed. Bypass this check using the --force option. The script will prompt for a new version number and also prompt for confirmation before making changes to the repository. There will also be a prompt to confirm tagging to latest\_stable. This allows beta test versions to be tagged, but latest\_stable to remain unchanged as the last official version.

Note...tag\_release.sh cannot be used to initially tag awips1 versions (i.e., tags/awips1/<version>).

**Reporting Problems**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppSvnTagRelease#ReportingProblems)

Open a [new ticket](https://collaborate.nws.noaa.gov/trac/ncladt/newticket?component=AppSvnTagRelease). Please provide as much information as possible when opening a new ticket. Only the Summary and Description blocks need to be filled out. The component should be automatically set to AppSvnTagRelease if you use the link in this section. In the Description block, please also include your office ID and Region.

**Example Session**[**¶**](https://collaborate.nws.noaa.gov/trac/ncladt/wiki/AppSvnTagRelease#ExampleSession)

Normally the script is run with no arguments and prompts for a new version number. The new version number must not already exist in tags (sh$ represents shell prompt).

sh$ cd /localapps/dev/svn\_work

sh$ svn checkout https://collaborate.nws.noaa.gov/ladroot/apps/myApp/trunk myApp

sh$ cd myApp

#--- Make changes then commit.

sh$ svn commit -m "made changes in myApp so it is now ready to be tagged version 1.2."

#--- Now tag with a new version number

sh$ cd /localapps/dev/svn\_work/myApp

#--- Check that nothing is left as uncommitted.

sh$ svn status

#--- Tag it!

sh$ tag\_release.sh

Existing versions of myApp in tags:

1.0/

1.1/

awips1/

Enter new version tag: 1.2

Last chance to bail, really tag myApp as release 1.2 (yes/n)? yes

svn copy https://collaborate.nws.noaa.gov/svn/ncladt/ladroot/apps/myApp/trunk https://collaborate.nws.noaa.gov/svn/ncladt/ladroot/apps/myApp/tags/1.2 -m Created 1.2 version of myApp

Committed revision 173.

Additionally tag myApp 1.2 as tags/latest\_stable (yes/n)? yes

Info: https://collaborate.nws.noaa.gov/svn/ncladt/ladroot/apps/myApp/tags/latest\_stable does not exist, creating.

svn copy https://collaborate.nws.noaa.gov/svn/ncladt/ladroot/apps/myApp/tags/1.2 https://collaborate.nws.noaa.gov/svn/ncladt/ladroot/apps/myApp/tags/latest\_stable -m Copied myApp 1.2 to latest\_stable

Committed revision 174.

It appears your working copy has tags checked out. An 'svn update' is needed to

get the tags that were just created.

Run svn update now? (y/n)? y

A tags/1.2

A tags/1.2/doc

A tags/1.2/doc/myApp.txt

A tags/1.2/bin

A tags/1.2/bin/myApp.sh

Updated to revision 174.

sh$