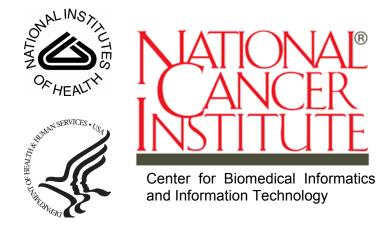
PROTEXPRESS 1.0

A Guide for Creating Install/Upgrade Packages



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About This Guide

This guide details the steps to be performed to create a new install/upgrade distribution package.

Purpose & Overview

This purpose of this guide is to list the steps required to create a new install/upgrade package for protExpress. The distributions are created based off a tag name in Subversion.

Chapter 1 How to use the ANT Script

Script Location

This is an ANT script, located in SVN at: https://gforge.nci.nih.gov/svnroot/gpsxar/trunk/software/create_distribution.

Download the script to a local folder. This folder will be referred to as <DOWNLOAD_LOCATION>.

Steps

Once the script is successfully downloaded, navigate to the <DOWNLOAD LOCATION>.

- 1. Open the file named "build.properties" for editing:
 - i. svn.project.url Should point to the SVN location for protExpress.
 - ii. svn.project.tag This should be a valid tag name in SVN. If this value is left blank (value not specified), then the distribution package is created off the **trunk** in SVN.
 - iii. svn.project.version protExpress version. This value is appended to the output distribution package names.
 - iv. dist.filename The value specified is a part of the output distribution package names.
- 2. Modify the properties, as appropriate. Save and close the file.
- 3. Open a new command window. Navigate to <DOWNLOAD LOCATION>
- 4. Execute the ant script's default goal (**distribution:create**) by typing the following statement at the command prompt, and executing it.

ant

- 5. The script does the following:
 - i. Download the files from the specified tag name (or from the trunk, if the project tag name is not specified).
 - ii. Invoke the BDA team developed ant script to create the distribution packages.
 - iii. Copy the BDA script generated packages to <DOWNLOAD_LOCATION>/output/dist folder. This folder contains 4 files:
 - 1. Installer package(s) Two copies of the installer, with the following filenames:

Note: The two copies are essentially the same, only the name is different.

a. <dist.filename> Install <svn.project.version>.zip, and

- b. <dist.filename>_Install_<svn.project.version>_<svn.pr oject.tag>.zip
- c. Example: protExpress_Install_1.0.zip and protExpress_Install_1.0_PROTEXPRESS_1_0_GA. zip.

Note: Both the above mentioned files are the same, with different names.

- 2. Upgrade package(s) Two copies of the upgrade package, with the following filenames:
 - a. <dist.filename>_Upgrade_<svn.project.version>.zip, and
 - b. <dist.filename>_ Upgrade _<svn.project.version>_<svn.project.tag>.zip
 - c. Example: protExpress_Upgrade_1.0.zip and protExpress_ Upgrade __1.0_PROTEXPRESS_1_0_GA.zip

Note: Both the above mentioned files are the same, with different names.