

AntZip

An Apache Ant Distribution Package

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1. Overview

AntZip: *An Apache Ant Distribution Package*

This type allows for the installation of Ant. Typically this is attached to an [AntBuilder](#) or subtype as a dependency to be used in the build process. Refer to objects/sample.xml for example package definitions to use in ProjectBuilder.

2. Design

Super Type
[PlatformZip](#)

Role	Concrete. (Objects can be created.)
Instance Names	Unique
Notification	false
Template Directory	<code>\${modules.dir}/AntZip/templates</code>
Data View	Children, proximity: 1
Logger Name	AntZip

3. Constraints

3.1. Allowed Child Dependencies

- Package

3.2. Allowed Parent Dependencies

- Assembly

3.3. Allowed Property Values

Property	Allowed Values	Default	Enforced
package-install-root	• <code>\${user.home}/ap</code>	• <code>\${user.home}/ap</code>	false
package-arch	• noarch	• noarch	false

4. Attributes

4.1. Exported Attributes

Name	Property	Description
ant_home	package-install-root	attribute used as Ant's ANT_HOME environment variable
ant_version	package-version	attribute mapped to the version of the apache ant package

5. Commands

Note:

Commandline options displayed in square brackets "[]" are optional. If an option expects arguments, then angle brackets are shown after the option "<>". Any default value is shown within the brackets.

5.1. assertPackageIsInstalled

Confirm the package process is installed.

Checks that bin/ant is available; if so, returns true.

Usage

```
assertPackageIsInstalled [-basedir <>] [-depot <>]
[-executable <>] [-installroot <>] [-name <>] [-nodeps]
[-nodir] [-nomodule] [-nopackageinstall] [-noproperties]
[-script <>] [-subdirs <>] [-type <>]
```

Options

Option	Description
basedir	<i>instance directory</i>
depot	<i>project depot</i>
executable	<i>executable to run</i>
installroot	<i>package installroot</i>
name	<i>object name</i>

nodeps	<i>do not install dependencies</i>
nodir	<i>do not create directories</i>
nomodule	<i>do not update module</i>
nopackageinstall	<i>do not install package</i>
noproperties	<i>do not update properties</i>
script	<i>script to execute</i>
subdirs	<i>directory list</i>
type	<i>object type</i>

5.2. extract

Extract the package archive.

Checks that the basename of the installroot is the same as the package base name; if not, fails.

Usage

```
extract [-base <>] -filename <> [-filtersfile <>]
-installroot <> -url <>
```

Options

Option	Description
base	<i>package base name</i>
filename	<i>the filename</i>
filtersfile	<i>filtersfile</i>
installroot	<i>the install root</i>
url	<i>the repo url</i>

5.3. finish

finishes the installation

Sets the files in the bin directory executable.

Usage

```
finish -filename <> [-filtersfile <>] [-filtersfile <>]
```

```
-installroot <> [-script <>] -url <>
```

Options

Option	Description
filename	<i>the filename</i>
filtersfile	<i>filtersfile</i>
filtersfile	<i>property file</i>
installroot	<i>the install root</i>
script	<i>script to execute</i>
url	<i>the repo url</i>