

MavenZip

Zip archive of Maven

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1. Overview

MavenZip: *Zip archive of Maven*

1.1. Intent

Automates the maven installation using the maven zip distribution.

1.2. Problem

Automating the build is only useful once the environment is setup, this module automates the maven installation which is a frequently a prerequisite and one-time installation requirement. This package module, when used as a dependency of a MavenBuilder deployment, will ensure that Maven is installed. Addressess following issues:

- Automates the maven package installation necessary for Continuous Integration when maven is needed.
- Can be used for any maven environment in order to bootstrap a build process

2. Design

Super Type

[PlatformZip](#)

A [PlatformZip](#) subtype which requires that the mavenPackageBase attribute is set correctly

Role	Concrete. (Objects can be created.)
Instance Names	Unique
Notification	false
Template Directory	
Data View	Children, proximity: 1
Logger Name	MavenZip

3. Constraints

3.1. Allowed Child Dependencies

- Package

3.2. Allowed Parent Dependencies

- [MavenBuilder](#)

Limit referrers to be objects of the [MavenBuilder](#) deployment type

4. Attributes

4.1. Exported Attributes

Name	Property	Description
mavenPackageBase	package-base	package base must be equal to the base directory of the maven installation root (MAVEN_HOME)

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. extract

Extract the package archive.

Extracts the distribution into the installation root, ensures that the package base and the base of the installation root are the same.

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>
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