

ZipBuilder

Simple builder to create a Zip file package of the "basedir" (deployment-basedir) in the "targetdir" (deployment-install-root) using the object name as file name and timestamp versioning

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1. Overview

ZipBuilder: Simple builder to create a Zip file package of the "basedir" (deployment-basedir) in the "targetdir" (deployment-install-root) using the object name as file name and timestamp versioning

2. Design

Super Type Builder

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

3. Constraints

3.1. Allowed Child Dependencies

- BuilderBuildFile1
- BuilderBuildstamp1
- BuilderBuildTarget1
- BuilderImportMax1
- BuilderImportMin1
- BuilderPackageBuildtimePattern1
- BuilderPackageExtension1
- BuilderPackageFilebase1
- BuilderPackageInstallRank1
- BuilderPackageInstallroot1
- BuilderPackageRequireBuildstamp1
- BuilderPackageSeparator1
- BuilderPackageType1
- BuilderPackageVendor1
- BuilderPackageVersion1
- BuilderPath1

- BuilderScmBinding1
- BuilderScmConnection1
- BuilderScmLabel1
- BuilderScmModule1
- BuilderScmUser1
- BuilderScmView1
- BuilderVersionBuild1
- BuilderVersionMajor1
- BuilderVersionMinor1
- BuilderVersionRelease1
- BuilderVersionTag1

1: These types have a *Singleton* constraint. Only one instance may be added as a resource.

3.2. Allowed Parent Dependencies

- [CruiseControl](#)
- Node
- Updater

4. Attributes

4.1. Exported Attributes

Name	Property
basedir	deployment-basedir
targetdir	deployment-install-root

4.2. Defaults for Imported Attributes

Name	Default
buildPath	/bin:/usr/bin
importMax	1
importMin	1
packageExtension	zip
packageFilebase	\${entity.name}
packageInstallRank	10

packageInstallroot	\${opts.basedir}
packageSeparator	-
packageType	zip
requireBuildstamp	false

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. Build

run the build cycle

Usage

```
Build [-buildstamp <${DSTAMP} ${TSTAMP}>]
```

5.1.1. Workflow

1. [runBuildScript](#)
2. repoImport

Options

Option	Description
buildstamp	<i>build identifier</i>

5.2. runBuildScript

runs the build script

Usage

```
runBuildScript [-basedir <>] [-buildfile <>] [-buildstamp <>] [-target <>] [-targetdir <>]
```

Execution	bash
Arguments	cd \${opts.basedir}; zip -r \${opts.targetdir}/\${entity.name}.zip .

Options

Option	Description
basedir	<i>directory where build resources reside</i>
buildfile	<i>build file to execute</i>
buildstamp	<i>build identifier</i>
target	<i>build target to evaluate</i>
targetdir	<i>directory build artifacts will be written</i>