

AntBuilder

A simple Builder to interface with Ant

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1. Overview

AntBuilder: *A simple Builder to interface with Ant*

This type goes beyond Builder in allowing an AntZip dependency which can be installed via #Deploy. It also allows a custom-installed Ant and/or custom-installed Java for each AntBuilder. The number of available settings is much higher. It also provides integration with the CruiseControl and Hudson types in order to generate configuration files for those services.

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	AntBuilder

3. Constraints

3.1. Allowed Child Dependencies

- [AntBuilderAntArgs](#) 1
- [AntBuilderAntOpts](#) 1
- [AntZip](#) 1
- [BuilderAntHome](#) 1
- BuilderAutoUpdate1
- BuilderBuildFile1
- BuilderBuildstamp1
- BuilderBuildTarget1
- BuilderImportMax1
- BuilderImportMin1
- [BuilderJavaHome](#) 1
- BuilderNotificationList1
- BuilderPackageBuildtimePattern1

- BuilderPackageExtension1
- BuilderPackageFilebase1
- BuilderPackageInstallRank1
- BuilderPackageInstallRank1
- BuilderPackageInstallroot1
- BuilderPackagePurgeRegex1
- BuilderPackageRequireBuildstamp1
- BuilderPackageSeparator1
- BuilderPackageType1
- BuilderPackageVendor1
- BuilderPackageVersion1
- [BuilderPath](#) 1
- BuilderScmBinding1
- BuilderScmConnection1
- BuilderScmLabel1
- BuilderScmModule1
- BuilderScmUser1
- BuilderScmView1
- BuilderVersionBuild1
- BuilderVersionMajor1
- BuilderVersionMinor1
- BuilderVersionRelease1
- BuilderVersionTag1
- CruiseControlArtifact1
- CruiseControlInterval1
- CruiseControlMailHost1
- CruiseControlReturnAddress1
- HudsonPollSpec1

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

3.2. Allowed Parent Dependencies

- [CruiseControl](#)
- [Hudson](#)
- 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
antArgs	
antOpts	
autoUpdate	false
buildAntHome	\${env.ANT_HOME}
buildFile	build.xml
buildPath	/bin:/usr/bin
buildTarget	all
cruiseControlInterval	300
hudsonPollSpec	* / 5 * * * *
importMax	1
importMin	1
javaHome	\${env.JAVA_HOME}
packageBuildtimePattern	yyyyMMdd'T'HHmmss
packageExtension	war
packageFilebase	.*?
packageInstallRank	10
packagePurgeRegex	^(?!^\${entity.attribute.buildstamp}\$).*
packageSeparator	-
packageType	war
requireBuildstamp	false

scmBinding	CVS
scmLabel	
scmUser	\${user.name}

5. Commands

View the available commands in the [User Reference](#).

6. Related Types

The following types are defined for use with AntBuilder.

6.1. AntBuilderAntArgs

6.1.1. Overview

AntBuilderAntArgs: *Ant Args like ANT_ARGS environment variable*

6.1.2. Design

Super Type
BuilderSetting

Role	Concrete. (Objects can be created.)
Instance Names	Unique

6.1.3. Attributes

6.1.3.1. Exported Attributes

Name	Property
antArgs	settingValue

6.2. AntBuilderAntOpts

6.2.1. Overview

AntBuilderAntOpts: *Ant Opts like ANT_OPTS environment variable*

6.2.2. Design**Super Type**
BuilderSetting

Role	Concrete. (Objects can be created.)
Instance Names	Unique

6.2.3. Attributes**6.2.3.1. Exported Attributes**

Name	Property
antOpts	settingValue

6.3. BuilderAntHome**6.3.1. Overview**

BuilderAntHome: *Ant instance that should be used*

6.3.2. Design**Super Type**
BuilderSetting

Role	Concrete. (Objects can be created.)
Instance Names	Unique

6.3.3. Attributes**6.3.3.1. Exported Attributes**

Name	Property
buildAntHome	settingValue

6.4. BuilderJavaHome**6.4.1. Overview**

BuilderJavaHome: *Java instance that ant should use*

6.4.2. Design

Super Type
BuilderSetting

Role	Concrete. (Objects can be created.)
Instance Names	Unique

6.4.3. Attributes

6.4.3.1. Exported Attributes

Name	Property
javaHome	settingValue

6.5. BuilderPath

6.5.1. Overview

BuilderPath: *Path that should be used*

6.5.2. Design

Super Type
BuilderSetting

Role	Concrete. (Objects can be created.)
Instance Names	Unique

6.5.3. Attributes

6.5.3.1. Exported Attributes

Name	Property
buildPath	settingValue