

TomcatAntBuilder

Ant builder with specialized defaults for Tomcat applications

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1. Overview

TomcatAntBuilder: *Ant builder with specialized defaults for Tomcat applications*

This type provides the following features over the [AntBuilder](#) type:

- catalinaHome is set as an attribute, with the default being the CATALINA_HOME environment variable.
- catalinaHome can also be set via the BuilderCatalinaHome setting.
- The catalina.home property is passed to ant by default via the antOpts attribute.
- The default package type is set to war.

Other than these defaults, functionality is identical to [AntBuilder](#).

2. Design

Super Type
[AntBuilder](#)

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

3. Constraints

3.1. Allowed Child Dependencies

- AntBuilderAntArgs1
- AntBuilderAntOpts1
- [AntZip](#) 1
- BuilderAntHome1
- BuilderAutoUpdate1
- BuilderBuildFile1
- BuilderBuildstamp1
- BuilderBuildTarget1
- [BuilderCatalinaHome](#) 1

- BuilderImportMax1
- BuilderImportMin1
- BuilderJavaHome1
- BuilderNotificationList1
- BuilderPackageBuildtimePattern1
- BuilderPackageExtension1
- BuilderPackageFilebase1
- BuilderPackageInstallRank1
- BuilderPackageInstallRank1
- BuilderPackageInstallroot1
- BuilderPackageRequireBuildstamp1
- BuilderPackageSeparator1
- BuilderPackageType1
- BuilderPackageVendor1
- BuilderPackageVersion1
- BuilderPath1
- BuilderScmBinding1
- BuilderScmConnection1
- BuilderScmLabel1
- BuilderScmModule1
- BuilderScmUser1
- BuilderScmView1
- BuilderVersionBuild1
- BuilderVersionMajor1
- BuilderVersionMinor1
- BuilderVersionRelease1
- BuilderVersionTag1
- CruiseControlInterval1
- CruiseControlMailHost1
- CruiseControlReturnAddress1
- [JavaBin](#) 1
- [TomcatZip](#) 1

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	-Dcatalina.home=\${entity.attribute.catalinaHome}
autoUpdate	false
buildAntHome	\${env.ANT_HOME}
buildFile	build.xml
buildPath	/bin:/usr/bin
buildTarget	all
catalinaHome	\${env.CATALINA_HOME}
cruiseControlInterval	300
importMax	1
importMin	1
javaHome	\${env.JAVA_HOME}
packageExtension	war
packageFilebase	.*?
packageInstallRank	10
packageSeparator	-
packageType	war
requireBuildstamp	false

scmBinding	CVS
scmLabel	
scmUser	\${user.name}

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.

6. Related Types

The following types are defined for use with TomcatAntBuilder.

6.1. BuilderCatalinaHome

6.1.1. Overview

BuilderCatalinaHome: *The value of CATALINA_HOME to use for the build*

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
catalinaHome	settingValue