

AtgJBossModuleBuilder

A builder sub-type customized to facilitate building and packaging ATG modules for the JBoss application server

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1. Overview

AtgJBossModuleBuilder: *A builder sub-type customized to facilitate building and packaging ATG modules for the JBoss application server*

2. Design

Super Type

[AtgModuleBuilder](#)

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

3. Constraints

3.1. Allowed Child Dependencies

- AntBuilderAntArgs1
- AntBuilderAntOpts1
- AntZip1
- AtgAntHome1
- AtgDynamoHome1
- AtgDynamoRoot1
- AtgJavaHome1
- [AtgJBossHome](#) 1
- [AtgListenPort](#) 1
- [AtgPatchJar](#) 1
- [AtgPlatformInstaller](#) 1
- AtgRmiPort1
- BuilderAntHome1
- BuilderBuildFile1
- BuilderBuildstamp1
- BuilderBuildTarget1
- BuilderExportDestination1

- BuilderImportMax1
- BuilderImportMin1
- BuilderJavaHome1
- BuilderNotificationList1
- BuilderPackageExtension1
- BuilderPackageFilebase1
- BuilderPackageInstallroot1
- BuilderPackagePurgeRegex1
- BuilderPackageRequireBuildstamp1
- BuilderPackageSeparator1
- BuilderPackageType1
- BuilderPackageVersion1
- BuilderPath1
- BuilderScmBinding1
- BuilderScmConnection1
- BuilderScmLabel1
- BuilderScmModule1
- BuilderStageExtension1
- BuilderStageFilebase1
- BuilderVersionBuild1
- BuilderVersionMajor1
- BuilderVersionMinor1
- BuilderVersionRelease1
- BuilderVersionTag1
- CruiseControlInterval1
- CruiseControlMailHost1
- CruiseControlReturnAddress1
- JavaBin1
- JBossZip1

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
antArgs	
antOpts	
atgListenPort	8080
atgRmiPort	8860
buildAntHome	\${env.ANT_HOME}
buildFile	build.xml
buildPath	/bin:/usr/bin
buildTarget	all
cruiseControlInterval	300
importMax	100
importMin	1
javaHome	\${env.JAVA_HOME}
packageExtension	ear
packageFilebase	.*?
packageInstallroot	
packagePurgeRegex	^(?!\${entity.attribute.buildstamp}\$).*\$
packageSeparator	-
packageType	AtgEar
packageVersion	\${opts.buildstamp}
requireBuildstamp	false

scmBinding	svn
scmConnection	
scmLabel	
scmModule	

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. runBuildScript

runs the build script

Usage

```
runBuildScript [-anthome <>] [-basedir <>] [-buildfile <>]
[-buildstamp <>] [-buildtarget <>] [-dynamohome <>]
[-dynamoroot <>] [-javahome <>] [-targetdir <>]
```

Execution	bash
Arguments	<pre>export JAVA_HOME=\${opts.javahome} ANT_HOME=\${opts.anthome} ATG_HOME=\${opts.dynamohome} DYNAMO_HOME=\${opts.dynamohome} DYNAMO_ROOT=\${opts.dynamoroot} PATH=\${opts.javahome}/bin:\${opts.dynamohome}/bin:/usr/bin cd \${opts.basedir}; \${opts.anthome}/bin/ant -Dbuildstamp=\${opts.buildstamp} -f \${opts.buildfile} \${opts.buildtarget}</pre>

Options

Option	Description
anthome	<i>ANT_HOME setting</i>
basedir	<i>directory where build resources reside</i>
buildfile	<i>the build file to execute</i>
buildstamp	<i>the build identifier</i>
buildtarget	<i>the build target to evaluate</i>

dynamohome	<i>DYNAMO_HOME setting</i>
dynamoroot	<i>DYNAMO_ROOT setting</i>
javahome	<i>JAVA_HOME setting</i>
targetdir	<i>directory build artifacts will be written</i>

6. Related Types

The following types are defined for use with AtgJBossModuleBuilder.

6.1. AtgJBossHome

6.1.1. Overview

AtgJBossHome: *Location of the JBoss installation*

6.1.2. Design

Super Type

AtgBuilderSetting

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

6.1.3. Attributes

6.1.3.1. Exported Attributes

Name	Property
atgJBossHome	settingValue

6.2. AtgListenPort

6.2.1. Overview

AtgListenPort: *JBoss listen port*

6.2.2. Design

Super Type

AtgBuilderSetting

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

6.2.3. Attributes

6.2.3.1. Exported Attributes

Name	Property
atgListenPort	settingValue