

AtgBuilder

General purpose ATG application builder

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1. Overview

AtgBuilder: *General purpose ATG application builder*

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	AtgBuilder

3. Constraints

3.1. Allowed Child Dependencies

- [BuilderImportPackagePattern](#) 1
- BuilderSetting

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

3.2. Allowed Parent Dependencies

- AtgCruiseControl
- [AtgUpdater](#)
- Node

4. Attributes

4.1. Exported Attributes

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

4.2. Defaults for Imported Attributes

Name	Default
importPackagePattern	^[a-z,A-Z].*)-([0-9]+\.[0-9]+\.[0-9]+).(*)\$
packageSeparator	-
scmUpdate	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. runBuildScript

runs the build script

Usage

```
runBuildScript [-antArgs <>] [-anthome <>] [-antOpts <>]
[-basedir <>] [-buildfile <>] [-buildstamp <>] [-dynamohome
<>] [-dynamoroot <>] [-javahome <>] [-path <>] [-target <>]
[-targetdir <>]
```

Options

Option	Description
antArgs	<i>ANT_ARGS setting</i>
anthome	<i>Ant installation to use for build</i>
antOpts	<i>ANT_OPTS setting</i>
basedir	<i>directory where build resources reside</i>
buildfile	<i>build file to execute</i>
buildstamp	<i>build identifier</i>
dynamohome	<i>DYNAMO_HOME setting</i>
dynamoroot	<i>DYNAMO_ROOT setting</i>
javahome	<i>Java installation to use for build</i>

path	<i>System path to use for build</i>
target	<i>build target to evaluate</i>
targetdir	<i>directory build artifacts will be written</i>

5.2. Import

Imports packages from staging/incoming location

Usage

```
Import -buildstamp <> [-import_pattern <>] [-max <1>] [-min <1>]
```

Options

Option	Description
buildstamp	<i>buildstamp of package(s) to import</i>
import_pattern	<i>pattern matching scheme for importing packages</i>
max	<i>maximum number of packages to import per matched package base</i>
min	<i>minimum number of packages to import per matched package base</i>

6. Related Types

The following types are defined for use with AtgBuilder.

6.1. BuilderScmUpdate

6.1.1. Overview

BuilderScmUpdate: *execute scm update instead of checkout if module appears to be checked out already. If false and module appears to be checked out then fail*

6.1.2. Design

Super Type

BuilderSetting

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

6.1.3.1. Exported Attributes

Name	Property
scmUpdate	settingValue

6.2. BuilderImportPackagePattern

6.2.1. Overview

BuilderImportPackagePattern: *ATG Dynamo Live Config Directory Creation List setting*

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
importPackagePattern	settingValue