

AtgProjectUpdater

Updater type designed orchestrate the end-to-end build and deployment process

Table of contents

1 Overview.....	2
2 Design.....	2
3 Constraints.....	2
3.1 Allowed Child Dependencies.....	2
3.2 Allowed Parent Dependencies.....	2
4 Commands.....	2
4.1 Build.....	3
4.2 BuildAndUpdate.....	3
4.3 Change-Dependencies.....	4
4.4 Install.....	5
4.5 Update.....	5
4.6 dispatchCmd.....	6
5 Related Types.....	7
5.1 NotificationList.....	7
5.2 Requestor.....	7

1. Overview

[Open in Workbench](#)

AtgProjectUpdater: *Updater type designed orchestrate the end-to-end build and deployment process*

2. Design

Super Type Updater

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

3. Constraints

3.1. Allowed Child Dependencies

- [AtgDataUpdater](#) 1
- [AtgModuleUpdater](#) 1
- [NotificationList](#) 1
- [Requestor](#) 1

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

3.2. Allowed Parent Dependencies

- Node

4. 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.

4.1. Build

Build the project

Usage

```
Build -buildstamp <> [-command <Build>] [-resourcetype
<AtgModuleUpdater|AtgDataUpdater>]
```

4.1.1. Workflow

1. [dispatchCmd](#)

4.1.2. Success Handler

Email	
Subject	[\${context.type}:\${context.name} @ \${framework.node}] \${command.name} - SUCCESS
File	\${modules.dir}/Deployment/templates/notice.html

4.1.3. Options

Option	Description
buildstamp	<i>Unique build and deployment identifier</i>
command	<i>Build command</i>
resourcetype	<i>Builder type</i>

4.2. BuildAndUpdate

runs the build and deployment processes

Usage

```
BuildAndUpdate -buildstamp <>
```

4.2.1. Workflow

1. [Build](#)
2. [Change-Dependencies](#)
3. [Update](#)

4.2.2. Success Handler

Email	<code>\${entity.attribute.notificationList}</code>
Subject	<code>[\$(context.type):\$(context.name) @ \${framework.node}] \${command.name} - SUCCESS</code>
File	<code>\${modules.dir}/Deployment/templates/notice.html</code>

4.2.3. Error Handler

Notify	Email <code>\${entity.attribute.notificationList}</code> Subject <code>[\$(context.type):\$(context.name) @ \${framework.node}] \${command.name} - ERROR</code> File <code>\${modules.dir}/Deployment/templates/notice.htm</code>
Report	Workflow failed.

4.2.4. Options

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

4.3. Change-Dependencies

Queries model and then switches dependencies

Usage

```
Change-Dependencies -buildstamp <> [-command  
<Change-Dependencies>] [-resourcetype  
<AtgModuleUpdater|AtgDataUpdater>]
```

4.3.1. Workflow

1. [dispatchCmd](#)

4.3.2. Success Handler

Email	
Subject	
File	

4.3.3. Options

Option	Description
buildstamp	<i>build id</i>
command	<i>Build command</i>
resourcetype	<i>Builder type</i>

4.4. Install

Installs the object, and its modules

Usage

```
Install [-basedir <${entity.instance.dir}>] [-buildstamp <>]
[-depot <${context.depot}>] [-name <${context.name}>]
[-nodir] [-nodispatch] [-nomodule] [-noproperties] [-subdirs
<bin,conf,logs,var>] [-type <${context.type}>]
```

4.4.1. Options

Option	Description
basedir	<i>base directory</i>
buildstamp	<i>Unique build and deployment identifier (ignored)</i>
depot	<i>project depot</i>
name	<i>object name</i>
nodir	<i>do not create directories</i>
nodispatch	<i>do not dispatch Install action to child resources</i>
nomodule	<i>do not update module</i>
noproperties	<i>do not update properties</i>
subdirs	<i>directory list</i>
type	<i>object type</i>

4.5. Update

update the site

Usage

```
Update -buildstamp <null> [-command <Update>] [-resourcetype
<AtgModuleUpdater|AtgDataUpdater>]
```

4.5.1. Workflow

1. [dispatchCmd](#)

4.5.2. Success Handler

Email	
Subject	[\${context.type}:\${context.name}] @ \${framework.node} \${command.name} - SUCCESS
File	\${modules.dir}/Deployment/templates/notice.html

4.5.3. Options

Option	Description
buildstamp	<i>Unique identifier for the build and release</i>
command	<i>Update command</i>
resourcetype	<i>Type to update</i>

4.6. dispatchCmd

dispatches command to child

Usage

```
dispatchCmd [-buildstamp <>] -command <> [-keepgoing]
[-resourcename <.*>] [-resourceorder <[^.]*>] [-resourcetype
<[^.]*>] [-sortorder <ascending>]
```

4.6.1. Options

Option	Description
buildstamp	<i>Unique build and deployment identifier</i>
command	<i>command to dispatch</i>
keepgoing	<i>If true, all iterations of the called workflow will be executed, even if a task in one or more of them fails.</i>

resourcename	<i>resource name pattern</i>
resourceorder	<i>resource order name</i>
resourcetype	<i>resource type name</i>
sortorder	<i>order to sort resources</i>

5. Related Types

The following types are defined for use with AtgProjectUpdater.

5.1. NotificationList

5.1.1. Overview

[Open in Workbench](#)

NotificationList: *List of email addresses used by the project updater for workflow success/failure notification*

5.1.2. Design

Super Type Setting

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

5.1.3. Attributes

5.1.3.1. Exported Attributes

Name	Property
notificationList	settingValue

5.2. Requestor

5.2.1. Overview

[Open in Workbench](#)

Requestor: *Email address of a project's owner*

5.2.2. Design

Super Type Setting

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

5.2.3. Attributes

5.2.3.1. Exported Attributes

Name	Property
requestor	settingValue