

# Updater

## A site updater.

### 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 BuildAndUpdate.....	2
4.2 Change-Dependencies.....	3
4.3 Update.....	4
4.4 buildersBuild.....	4
4.5 runChangeDependencies.....	5
4.6 updateSites.....	5
5 Related Types.....	6
5.1 UpdaterDefaultPackageName.....	6
5.2 UpdaterSetting.....	6

## 1. Overview

**Updater:** *A site updater.*

## 2. Design

**Super Type**  
[Mediator](#)

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

## 3. Constraints

### 3.1. Allowed Child Dependencies

- [Builder](#)
- [Site](#)
- [UpdaterDefaultPackageName](#)

### 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. BuildAndUpdate

*runs the build and deployment processes*

## Usage

BuildAndUpdate -buildstamp <>

### 4.1.1. Workflow

1. [buildersBuild](#)
2. [Change-Dependencies](#)
3. [updateSites](#)

### 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. Error Handler

Notify	<b>Email</b> <b>Subject</b> \${modules.dir}/Deployment/templates/notice.html <b>File</b> \${modules.dir}/Deployment/templates/notice.html
Report	Workflow failed.

### 4.1.4. Options

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

## 4.2. Change-Dependencies

*Queries model and then switches dependencies*

### Usage

Change-Dependencies [-allowmultiple <false>] [-buildstamp  
<>] [-defaultPackageName <^\$>] [-deploymenttype  
<Deployment>] [-failIfNotReplaced <true>] [-packagetype  
<Package>] [-version <>]

### 4.2.1. Workflow

1. [runChangeDependencies](#)

### 4.2.2. Options

Option	Description
<code>allowmultiple</code>	<i>if true, allow multiple matches via regex</i>
<code>buildstamp</code>	<i>build identifier</i>
<code>defaultPackageName</code>	<i>default package name regex</i>
<code>deploymenttype</code>	<i>type of deployment</i>
<code>failIfNotReplaced</code>	<i>if true, fails if any packages don't have a matching replacement</i>
<code>packagetype</code>	<i>package type</i>
<code>version</code>	<i>package version</i>

### 4.3. Update

*update the site*

#### Usage

Update

### 4.3.1. Workflow

1. [updateSites](#)

### 4.3.2. Success Handler

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

### 4.4. buildersBuild

*runs the builders*

## Usage

```
buildersBuild -buildstamp <> [-command <Build>]
[-resourcetype <[^\.]*Builder>]
```

### 4.4.1. Options

Option	Description
buildstamp	
command	<i>command to dispatch</i>
resourcetype	<i>type to dispatch</i>

### 4.5. runChangeDependencies

*queries model and then switches a set of dependencies*

#### Usage

```
runChangeDependencies [-allowmultiple <false>] [-buildstamp
<>] [-defaultPackageName <^$>] [-deploymenttype
<Deployment>] [-failIfNotReplaced <true>] [-packagetype
<Package>] -version <>
```

### 4.5.1. Options

Option	Description
allowmultiple	<i>if true, allow multiple matches when default regex is included</i>
buildstamp	<i>build identifier</i>
defaultPackageName	<i>default package name regex</i>
deploymenttype	<i>type of deployments to modify</i>
failIfNotReplaced	<i>if true, fails if any packages don't have a matching replacement</i>
packagetype	<i>type of packages to change</i>
version	<i>version of packages to change to</i>

### 4.6. updateSites

*runs the update cycle for the Site*

**Usage**

```
updateSites [-buildstamp <>] [-command <Update>]
[-resourcetype <[^\.]*Site>]
```

**4.6.1. Options**

Option	Description
buildstamp	<i>ignored</i>
command	<i>command to dispatch</i>
resourcetype	<i>type to dispatch</i>

**5. Related Types**

The following types are defined for use with Updater.

**5.1. UpdaterDefaultPackageName****5.1.1. Overview**

**UpdaterDefaultPackageName:** *An Updater setting to configure a default package name used by Change-Dependencies*

**5.1.2. Design****Super Type**

[UpdaterSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

**5.1.3. Attributes****5.1.3.1. Exported Attributes**

Name	Property
defaultPackageName	settingValue

**5.2. UpdaterSetting**

### 5.2.1. Overview

**UpdaterSetting:** *An updater setting*

### 5.2.2. Design

#### Super Type Setting

Role	<b>Abstract.</b> (Objects cannot be created.)
Instance Names	<b>Unique</b>

### 5.2.3. Attributes