

# ElementsProjectBuilder

## Builds and manages projects that use the Elements modules library

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## 1. Overview

**ElementsProjectBuilder:** *Builds and manages projects that use the Elements modules library*

## 2. Design

**Super Type**  
ProjectBuilder

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	ElementsProjectBuilder

## 3. Constraints

### 3.1. Allowed Child Dependencies

- BuilderBuildFile1
- BuilderBuildTarget1
- BuilderScmBinding1
- BuilderScmConnection1
- BuilderScmLabel1
- BuilderScmModule1
- BuilderStageExtension1
- BuilderStageFilebase1
- ProjectBuilderDefaults1
- ProjectBuilderDocBase1
- ProjectBuilderForrestHome1
- ProjectBuilderOrganizationDescription1
- ProjectBuilderOrganizationName1
- ProjectBuilderOrganizationURL1
- ProjectBuilderProjectDescription1
- ProjectBuilderProjectName1
- ProjectBuilderProjectURL1

- ProjectBuilderTemplateDir1

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

### 3.2. Allowed Parent Dependencies

- Node

## 4. Attributes

### 4.1. Exported Attributes

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

### 4.2. Defaults for Imported Attributes

Name	Default
buildFile	\${modules.dir}/ElementsProjectBuilder/lib/build.xml
buildTarget	all
defaults	\${modules.dir}/ElementsProjectBuilder/templates/defaults.properties
docbase	\${env.CTIER_ROOT}/src/doc
forresthme	\${env.FORREST_HOME}
organizationDescription	ControlTier Open Source project
organizationName	Open.ControlTier
organizationURL	http://open.controltier.com
projectDescription	Elements Module Library
projectName	elements
projectURL	http://open.controltier.com
scmBinding	svn
stageextension	jar
stagefilebase	*

templateDir	\${modules.dir}/ElementsProjectBuilder/templates
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## 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 ElementsProjectBuilder.

### 6.1. ElementsProjectBuilderSetting

#### 6.1.1. Overview

**ElementsProjectBuilderSetting:** *A ElementsProjectBuilder setting.*

#### 6.1.2. Design

##### Super Type Setting

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

#### 6.1.3. Constraints

##### 6.1.3.1. Allowed Parent Dependencies

- Builder

### 6.2. ElementsProjectBuilderDefaults

#### 6.2.1. Overview

**ElementsProjectBuilderDefaults:** *file containing project defaults properties*

#### 6.2.2. Design

##### Super Type

### [ElementsProjectBuilderSetting](#)

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

#### 6.2.3. Attributes

##### 6.2.3.1. Exported Attributes

Name	Property
defaults	settingValue

### 6.3. ElementsProjectBuilderTemplateDir

#### 6.3.1. Overview

**ElementsProjectBuilderTemplateDir:** *file containing project template files*

#### 6.3.2. Design

##### Super Type

[ElementsProjectBuilderSetting](#)

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

#### 6.3.3. Attributes

##### 6.3.3.1. Exported Attributes

Name	Property
templateDir	settingValue