

# RpmBuilder

## An RPM package builder.

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## 1. Overview

**RpmBuilder:** *An RPM package builder.*

This builder contains additional functionality in the Build workflow to generate the RPM's manifest and create the package. Builds the rpm type by default (which is a noarch spec file). Use normal Builder settings and the BuilderPackageIncludes, BuilderPackageExcludes, and BuilderPackageManifest settings below to customize.

This type can be added to a CruiseControl object for continuous integration.

## 2. Design

### Super Type Builder

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	RpmBuilder

## 3. Constraints

### 3.1. Allowed Child Dependencies

- BuilderBuildFile1
- BuilderBuildstamp1
- BuilderBuildTarget1
- BuilderExportDestination1
- BuilderImportMax1
- BuilderImportMin1
- BuilderNotificationList1
- BuilderPackageBuildtimePattern1
- [BuilderPackageExcludes](#) 1
- BuilderPackageExtension1
- BuilderPackageFilebase1
- [BuilderPackageIncludes](#) 1

- BuilderPackageInstallRank1
- BuilderPackageInstallroot1
- [BuilderPackageManifest](#) 1
- BuilderPackagePurgeRegex1
- BuilderPackageRequireBuildstamp1
- BuilderPackageSeparator1
- BuilderPackageType1
- BuilderPackageVendor1
- BuilderPackageVersion1
- BuilderScmBinding1
- BuilderScmConnection1
- BuilderScmLabel1
- BuilderScmModule1
- BuilderScmQuiet1
- BuilderScmUser1
- BuilderScmView1
- BuilderVersionBuild1
- BuilderVersionMajor1
- BuilderVersionMinor1
- BuilderVersionRelease1
- BuilderVersionTag1
- CruiseControlArtifact1
- CruiseControlInterval1
- CruiseControlMailHost1
- CruiseControlReturnAddress1
- RpmAutoreq1
- RpmCategory1
- RpmCopyright1
- RpmDefaultGroup1
- RpmDefaultUser1
- RpmDistribution1
- RpmLicense1
- RpmPackager1
- RpmProvides1
- RpmRequires1
- RpmUrl1
- RpmUseSudo1
- RpmVendor1

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. Defaults for Imported Attributes

Name	Default
cruiseControlInterval	300
packageExcludes	
packageExtension	noarch.rpm
packageIncludes	.*
packageManifest	manifest.txt
packageSeparator	-
packageType	rpm
rpmAutoreq	0
rpmCategory	none
rpmCopyright	none
rpmDefaultGroup	root
rpmDefaultUser	root
rpmDistribution	none
rpmLicense	none
rpmPackager	none
rpmProvides	
rpmRequires	
rpmUrl	none
rpmUseSudo	true

rpmVendor	none
versionRelease	1

## 5. Commands

View the available commands in the [User Reference](#).

## 6. Related Types

The following types are defined for use with RpmBuilder.

### 6.1. BuilderPackageExcludes

#### 6.1.1. Overview

**BuilderPackageExcludes:** *comma separated list of Ant-style paths relative to the basedir to exclude from the package*

Default: blank (nothing excluded)

#### 6.1.2. Design

##### Super Type

BuilderSetting

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

#### 6.1.3. Attributes

##### 6.1.3.1. Exported Attributes

Name	Property
packageExcludes	settingValue

### 6.2. BuilderPackageIncludes

#### 6.2.1. Overview

**BuilderPackageIncludes:** *comma separated list of Ant-style paths relative to the basedir to*

*include in the package*

Default: .\*

### 6.2.2. Design

**Super Type**  
BuilderSetting

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
packageIncludes	settingValue

## 6.3. BuilderPackageManifest

### 6.3.1. Overview

**BuilderPackageManifest:** *Package manifest file path*

Default: manifest.txt

### 6.3.2. Design

**Super Type**  
BuilderSetting

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
packageManifest	settingValue

