

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

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

6.1.3. Attributes

6.1.3.1. Exported Attributes

Name	Property
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packageExcludes	settingValue
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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	Concrete. (Objects can be created.)
Instance Names	Unique

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

6.3.3. Attributes

6.3.3.1. Exported Attributes

Name	Property
packageManifest	settingValue