

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

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	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

