

YumRpm

Yum Package Type

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1. Overview

YumRpm: Yum Package Type

This package type maps the extract command to Yum's install/update commands. Basically, creating an instance of the type that sets the package-filename attribute to the RPM package name you want (e.g. "graphviz") will result in the extract command executing either Yum the install ("yum install graphviz") or update command ("yum update graphviz") depending on whether or not the package is already installed. Note that the get and finish commands are over-ridden to eliminate interactions with the ControlTier DAV repository since the package itself is in Yum's repository.

2. Design

Super Type

rpm

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

3. Constraints

3.1. Allowed Child Dependencies

- PackageSetting
- [YumUseSudo](#) 1

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

4. Attributes

4.1. Defaults for Imported Attributes

Name	Default	Description
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package-delete	false	
package-extract-script	\${modules.dir}/YumRpm/bin/extract.xml	
package-get-script		
package-isinstalled-script	\${modules.dir}/Package/bin/is-installed.xml	
yumUseSudo	true	The rpm and yum commands are run via sudo by default.

5. Commands

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

6. Related Types

The following types are defined for use with YumRpm.

6.1. YumSetting

6.1.1. Overview

YumSetting: *An Yum package setting.*

These settings set the corresponding attributes in the Yum Package type.

6.1.2. Design

Super Type Setting

Role	Abstract. (Objects cannot be created.)
Instance Names	Unique

6.1.3. Constraints

6.1.3.1. Allowed Parent Dependencies

- [YumRpm](#)

6.2. YumUseSudo

6.2.1. Overview

YumUseSudo: *Indicate whether sudo should be used to run the rpm and yum commands*

6.2.2. Design

Super Type

[YumSetting](#)

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

6.2.3. Attributes

6.2.3.1. Exported Attributes

Name	Property
yumUseSudo	settingValue