

Package

An interface to a software package.

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1. Overview

Package: *An interface to a software package.*

1.1. Documentation

Documentation is available on the ControlTier Wiki: [Core Type Guide - Package](#)

2. Design

Super Type [Managed-Entity](#)

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

3. Constraints

3.1. Allowed Child Dependencies

- [PackageSetting](#)

3.2. Allowed Parent Dependencies

- [Deployment](#)
- [Node](#)

3.3. Allowed Property Values

Property	Allowed Values	Default	Enforced
package-vendor	• default	• default	false

4. Attributes

4.1. Defaults for Imported Attributes

Name	Default	Description
package-create-script	<code>\${modules.dir}/Package/bin/creat</code>	script to execute for create command
package-delete	true	Boolean value: determines whether to delete the package after processing
package-extract-script	<code>\${modules.dir}/Package/bin/extra</code>	script to execute for extract command
package-finish-script		script to execute for finish command
package-get-script	<code>\${modules.dir}/Package/bin/get.x</code>	script to execute for get command
package-isinstalled-exec		executable to run for <code>assertPackageIsInstalled</code> command.
package-isinstalled-script	<code>\${modules.dir}/Package/bin/is-ins</code>	script to execute for <code>assertPackageIsInstalled</code> command
package-isuninstalled-exec		executable to run for <code>assertPackageIsUninstalled</code> command
package-isuninstalled-script	<code>\${modules.dir}/Package/bin/is-un</code>	script to execute for <code>assertPackageIsUninstalled</code> command
package-prepare-script		script to execute for prepare command
package-purge-script	<code>\${modules.dir}/Package/bin/purg</code>	script to execute for purge command
package-remove-script	<code>\${modules.dir}/Package/bin/remc</code>	script to execute for remove command
package-unpack	true	Boolean value: determines whether to extract the package archive (implemented in extract command of subtypes)

package-upload-script	\${modules.dir}/Package/bin/uplo	script to execute for upload command
package-verified-executable		executable to run for assertPackageIsVerified command
package-verified-script	\${modules.dir}/Package/bin/is-ve	script to execute for assertPackageIsVerified command

5. Commands

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

6. Related Types

The following types are defined for use with Package.

6.1. PackageCommandExecutable

6.1.1. Overview

PackageCommandExecutable: *The executable used by a Package command*

6.1.2. Design

Super Type
[PackageSetting](#)

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

6.1.3. Constraints

6.1.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> ant bash cmd.exe sh 	<ul style="list-style-type: none"> bash 	false

settingType	<ul style="list-style-type: none"> • ant • bat • sh 	<ul style="list-style-type: none"> • sh 	false
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6.2. PackageCommandScript

6.2.1. Overview

PackageCommandScript: *The script used by a Package command*

6.2.2. Design

Super Type

[PackageSetting](#)

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

6.2.3. Constraints

6.2.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingType	<ul style="list-style-type: none"> • ant • batch • sh 	<ul style="list-style-type: none"> • sh 	false

6.3. PackageCreateScript

6.3.1. Overview

PackageCreateScript: *The script used by create command*

6.3.2. Design

Super Type

[PackageCommandScript](#)

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

6.3.3. Constraints

6.3.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	• <code>\${module.dir}/b</code>	false

6.3.4. Attributes

6.3.4.1. Exported Attributes

Name	Property
package-create-script	settingValue

6.4. PackageDelete

6.4.1. Overview

PackageDelete: *Boolean which determines whether to delete the package after processing*

6.4.2. Design

Super Type
[PackageSetting](#)

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

6.4.3. Attributes

6.4.3.1. Exported Attributes

Name	Property
package-delete	settingValue

6.5. PackageExtractScript

6.5.1. Overview

PackageExtractScript: *The script used by extract command*

6.5.2. Design

Super Type

[PackageCommandScript](#)

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

6.5.3. Constraints

6.5.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	• <code>\${module.dir}/b</code>	false

6.5.4. Attributes

6.5.4.1. Exported Attributes

Name	Property
package-extract-script	settingValue

6.6. PackageFiltersfile

6.6.1. Overview

PackageFiltersfile: *The filtersfile used during finish*

6.6.2. Design

Super Type

[PackageSetting](#)

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

6.6.3. Constraints

6.6.3.1. Allowed Parent Dependencies

- [Package](#)

6.6.3.2. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${entity.proper</code> • <code>\${module.dir}/t</code> 	• <code>\${module.dir}/t</code>	true

6.6.4. Attributes

6.6.4.1. Exported Attributes

Name	Property
package-filtersfile	settingValue

6.7. PackageFinishScript

6.7.1. Overview

PackageFinishScript: *The script used during finish*

6.7.2. Design

Super Type

[PackageCommandScript](#)

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

6.7.3. Constraints

6.7.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	• <code>\${module.dir}/b</code>	false

	<ul style="list-style-type: none"> • <code> \${module.dir} /b</code> 	
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6.7.4. Attributes

6.7.4.1. Exported Attributes

Name	Property
package-finish-script	settingValue

6.8. PackageGetScript

6.8.1. Overview

PackageGetScript: *The script used by get command*

6.8.2. Design

Super Type

[PackageCommandScript](#)

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

6.8.3. Constraints

6.8.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code> \${module.dir} /b</code> • <code> \${module.dir} /b</code> • <code> \${module.dir} /b</code> 	• <code> \${module.dir} /b</code>	false

6.8.4. Attributes

6.8.4.1. Exported Attributes

Name	Property
package-get-script	settingValue

6.9. PackageIsInstalledExecutable

6.9.1. Overview

PackageIsInstalledExecutable: *The executable used during assertPackageIsInstalled*

6.9.2. Design

Super Type

[PackageCommandExecutable](#)

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

6.9.3. Attributes

6.9.3.1. Exported Attributes

Name	Property
package-isinstalled-executable	settingValue

6.10. PackageIsInstalledScript

6.10.1. Overview

PackageIsInstalledScript: *The script used during assertPackageIsInstalled*

6.10.2. Design

Super Type

[PackageCommandScript](#)

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

6.10.3. Constraints

6.10.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	• <code>\${module.dir}/b</code>	• <code>\${module.dir}/b</code>	false

	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 		
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6.10.4. Attributes

6.10.4.1. Exported Attributes

Name	Property
package-isinstalled-script	settingValue

6.11. PackageIsUnInstalledExecutable

6.11.1. Overview

PackageIsUnInstalledExecutable: *The executable used during `assertPackageIsUnInstalled`*

6.11.2. Design

Super Type

[PackageCommandExecutable](#)

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

6.11.3. Attributes

6.11.3.1. Exported Attributes

Name	Property
package-isuninstalled-executable	settingValue

6.12. PackageIsUnInstalledScript

6.12.1. Overview

PackageIsUnInstalledScript: *The script used during `assertPackageIsUnInstalled`*

6.12.2. Design

Super Type

[PackageCommandScript](#)

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

6.12.3. Constraints

6.12.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> 	false

6.12.4. Attributes

6.12.4.1. Exported Attributes

Name	Property
package-isuninstalled-script	settingValue

6.13. PackageIsVerifiedExecutable

6.13.1. Overview

PackageIsVerifiedExecutable: *The executable used during assertPackageIsVerified*

6.13.2. Design

Super Type

[PackageCommandExecutable](#)

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

6.13.3. Attributes

6.13.3.1. Exported Attributes

Name	Property
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package-verified-executable	settingValue
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6.14. PackageIsVerifiedScript

6.14.1. Overview

PackageIsVerifiedScript: *The script used during assertPackageIsVerified*

6.14.2. Design

Super Type

[PackageCommandScript](#)

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

6.14.3. Constraints

6.14.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	• <code>\${module.dir}/b</code>	false

6.14.4. Attributes

6.14.4.1. Exported Attributes

Name	Property
package-verified-script	settingValue

6.15. PackagePrepareScript

6.15.1. Overview

PackagePrepareScript: *The script used during prepare*

6.15.2. Design

Super Type

[PackageCommandScript](#)

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

6.15.3. Constraints

6.15.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	• <code>\${module.dir}/b</code>	false

6.15.4. Attributes

6.15.4.1. Exported Attributes

Name	Property
package-prepare-script	settingValue

6.16. PackagePurgeScript

6.16.1. Overview

PackagePurgeScript: *The script used by purge command*

6.16.2. Design

Super Type

[PackageCommandScript](#)

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

6.16.3. Constraints

6.16.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
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settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> 	false
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6.16.4. Attributes

6.16.4.1. Exported Attributes

Name	Property
package-purge-script	settingValue

6.17. PackageRemoveScript

6.17.1. Overview

PackageRemoveScript: *The script used by remove command*

6.17.2. Design

Super Type

[PackageCommandScript](#)

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

6.17.3. Constraints

6.17.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> 	false

6.17.4. Attributes

6.17.4.1. Exported Attributes

Name	Property
package-remove-script	settingValue

6.18. PackageSetting

6.18.1. Overview

PackageSetting: *A generic configuration setting for a package*

6.18.2. Design

Super Type Setting

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

6.18.3. Constraints

6.18.3.1. Allowed Parent Dependencies

- [Package](#)

6.19. PackageUnpack

6.19.1. Overview

PackageUnpack: *Boolean which determines whether the package will be unpacked*

6.19.2. Design

Super Type [PackageSetting](#)

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

6.19.3. Attributes

6.19.3.1. Exported Attributes

Name	Property
package-unpack	settingValue

6.20. PackageUploadScript

6.20.1. Overview

PackageUploadScript: *The script used by upload command*

6.20.2. Design

Super Type

[PackageCommandScript](#)

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

6.20.3. Constraints

6.20.3.1. Allowed Property Values

Property	Allowed Values	Default	Enforced
settingValue	<ul style="list-style-type: none"> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> • <code>\${module.dir}/b</code> 	• <code>\${module.dir}/b</code>	false

6.20.4. Attributes

6.20.4.1. Exported Attributes

Name	Property
package-upload-script	settingValue