

JavaBin

A unix based self extracting java platform package

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1. Overview

JavaBin: *A unix based self extracting java platform package*

1.1. Intent

- Automate the Unix self extraction Sun Java installer. see: [unix based java installation](#).

2. Design

Super Type
bin

Role	Concrete. (Objects can be created.)
Instance Names	Unique
Notification	false
Template Directory	<code>\${modules.dir}/JavaBin/templates</code>
Data View	Children, proximity: 1
Logger Name	JavaBin

3. Constraints

3.1. Allowed Child Dependencies

- Package

3.2. Allowed Parent Dependencies

- Deployment

3.3. Allowed Property Values

Property	Allowed Values	Default	Enforced
package-install-rank	<ul style="list-style-type: none"> 1 	<ul style="list-style-type: none"> 1 	false
package-install-root	<ul style="list-style-type: none"> <code>\${user.home}/j2</code> <code>\${user.home}/jd</code> 	<ul style="list-style-type: none"> <code>\${user.home}/jd</code> 	false

package-repo-url	• <code>\${framework.pkg}</code>	• <code>\${framework.pkg}</code>	false
package-filetype	• bin	• bin	false
package-arch	• unix	• unix	false

4. Attributes

4.1. Exported Attributes

Name	Property
javaPackageBase	package-base

5. Commands

Note:

Commandline options displayed in square brackets "[]" are optional. If an option expects arguments, then angle brackets are shown after the option "<>". Any default value is shown within the brackets.

5.1. assertPackageIsInstalled

Confirm the package process is installed.

Check for the existence of the LICENSE file in the installation root to determine if the java installer had been executed previously.

Usage

```
assertPackageIsInstalled [-basedir <>] [-depot <>]
[-executable <>] [-installroot <>] [-name <>] [-nodeps]
[-nodir] [-nomodule] [-nopackageinstall] [-noproperties]
[-script <>] [-subdirs <>] [-type <>]
```

Options

Option	Description
basedir	<i>instance directory</i>
depot	<i>project depot</i>
executable	<i>executable to run</i>
installroot	<i>package installroot</i>

name	<i>object name</i>
nodeps	<i>do not install dependencies</i>
nodir	<i>do not create directories</i>
nomodule	<i>do not update module</i>
nopackageinstall	<i>do not install package</i>
noproperties	<i>do not update properties</i>
script	<i>script to execute</i>
subdirs	<i>directory list</i>
type	<i>object type</i>

5.2. extract

Extract the package archive.

execute the unix based sun java installer, gets around interactive prompting issues and terminal settings.

Usage

```
extract [-base <>] -filename <> [-filtersfile <>]
      -installroot <> -url <>
```

Options

Option	Description
base	<i>package base name</i>
filename	<i>the filename</i>
filtersfile	<i>filtersfile</i>
installroot	<i>the install root</i>
url	<i>the repo url</i>