

JAVA.LANG.PACKAGE CLASS

http://www.tutorialspoint.com/java/lang/java_lang_package.htm

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Introduction

The **java.lang.Package** class contains version information about the implementation and specification of a Java package.

Class declaration

Following is the declaration for **java.lang.Package** class:

```
public class Package
    extends Object
    implements AnnotatedElement
```

Class methods

S.N.	Method & Description
1	<u><A extends Annotation> A getAnnotationClass < A > annotationClass</u> This method returns this element's annotation for the specified type if such an annotation is present, else null.
2	<u>Annotation[] getAnnotations</u> This method returns all annotations present on this element.
3	<u>Annotation[] getDeclaredAnnotations</u> This method returns all annotations that are directly present on this element.
4	<u>String getImplementationTitle</u> This method returns the title of this package.
5	<u>String getImplementationVendor</u> This method returns the name of the organization, vendor or company that provided this implementation.
6	<u>String getImplementationVersion</u> This method returns the version of this implementation.
7	<u>String getName</u> This method returns the name of this package.

8

[static Package *getPackageStringname*](#)

This method find a package by name in the callers ClassLoader instance.

9

[static Package\[\] *getPackages*](#)

This method get all the packages currently known for the caller's ClassLoader instance.

10

[String *getSpecificationTitle*](#)

This method return the title of the specification that this package implements.

11

[String *getSpecificationVendor*](#)

This method return the name of the organization, vendor, or company that owns and maintains the specification of the classes that implement this package.

12

[String *getSpecificationVersion*](#)

This method returns the version number of the specification that this package implements.

13

[int *hashCode*](#)

This method return the hash code computed from the package name.

14

[boolean *isAnnotationPresentClass* < ?*extendsAnnotation* > *annotationClass*](#)

This method returns true if an annotation for the specified type is present on this element, else false.

15

[boolean *isCompatibleWithStringdesired*](#)

This method compare this package's specification version with a desired version.

16

[boolean *isSealed*](#)

This method returns true if this package is sealed.

17

[boolean *isSealedURLurl*](#)

This method returns true if this package is sealed with respect to the specified code source url.

18

[String *toString*](#)

This method returns the string representation of this Package.

Methods inherited

This class inherits methods from the following classes:

- `java.lang.Object`

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