

JAVA.LANG.CLASS.GETANNOTATIONS METHOD

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

Copyright © tutorialspoint.com

Description

The **java.lang.Class.getAnnotations** method returns all annotations present on this element. It returns an array of length zero if this element has no annotations. The caller of this method is free to modify the returned array; it will have no effect on the arrays returned to other callers.

Declaration

Following is the declaration for **java.lang.Class.getAnnotations** method

```
public Annotation[] getAnnotations()
```

Parameters

- NA

Return Value

This method returns all annotations present on this element.

Exception

- NA

Example

The following example shows the usage of java.lang.Class.getAnnotations method.

```
package com.tutorialspoint;

import java.lang.annotation.Annotation;

public class ClassDemo {

    public static void main(String []args) {

        ClassDemo cls = new ClassDemo();
        Class c = cls.getClass();

        Annotation[] a = c.getAnnotations();
        if(a.length != 0) {
            for(Annotation val : a) {
                System.out.println(val.toString());
            }
        }
        else {
            System.out.println("Annotations is not present...");
        }
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
Annotations is not present...
```

```
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```