

JAVA.LANG.CLASS.GETCOMPONENTTYPE METHOD

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

Copyright © tutorialspoint.com

Description

The **java.lang.Class.getComponentType** method returns the Class representing the component type of an array. If this class does not represent an array class this method returns null.

Declaration

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

```
public Class<?> getComponentType()
```

Parameters

- NA

Return Value

This method returns the Class representing the component type of this class if this class is an array.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ClassDemo {

    public static void main(String[] args) {

        String[] arr = new String[] {"admin"};

        // returns the Class representing the component type
        Class arrClass = arr.getClass();
        Class componentType = arrClass.getComponentType();
        if (componentType != null) {
            System.out.println("ComponentType = " + componentType.getName());
        }
        else {
            System.out.println("ComponentType is null");
        }
    }
}
```

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

```
ComponentType = java.lang.String
```

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