

# JAVA.LANG.CLASS.GETFIELD METHOD

[http://www.tutorialspoint.com/java/lang/class\\_getfield.htm](http://www.tutorialspoint.com/java/lang/class_getfield.htm)

Copyright © tutorialspoint.com

## Description

The **java.lang.Class.getField** returns a Field object that reflects the specified public member field of the class or interface represented by this Class object. The **name** parameter is a String specifying the simple name of the desired field.

## Declaration

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

```
public Field getField(String name) throws NoSuchFieldException, SecurityException
```

## Parameters

- **name** -- This is the field name.

## Return Value

This method returns the Field object of this class specified by name.

## Exception

- **NoSuchFieldException** -- If a field with the specified name is not found.
- **NullPointerException** -- If name is null
- **SecurityException** -- If a security manager, s, is present.

## Example

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

```
package com.tutorialspoint;

import java.lang.reflect.*;

public class ClassDemo {

    public static void main(String[] args) {

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

        System.out.println("Field =");

        try {
            // string field
            Field sField = cls.getField("string1");
            System.out.println("Public field found: " + sField.toString());
        }
        catch(NoSuchFieldException e) {
            System.out.println(e.toString());
        }
    }

    public ClassDemo() {
        // no argument constructor
    }

    public ClassDemo(String string1) {
        this.string1 = string1;
    }
}
```

```
}  
  
    public String string1 = "tutorialspoint";  
}
```

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

```
Field =  
Public field found: public java.lang.String ClassDemo.string1
```

Loading [Mathjax]/jax/output/HTML-CSS/jax.js