

JAVA.LANG.CLASS.GETCONSTRUCTOR METHOD

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

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Description

The **java.lang.Class.getConstructor** method returns a Constructor object that reflects the specified public constructor of the class represented by this Class object. The **parameterTypes** parameter is an array of Class objects that identify the constructor's formal parameter types, in declared order.

Declaration

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

```
public Constructor<T> getConstructor(Class<?>... parameterTypes) throws  
NoSuchMethodException, SecurityException
```

Parameters

- **parameterTypes** -- This is the parameter array.

Return Value

This method returns the Constructor object of the public constructor that matches the specified parameterTypes.

Exception

- **NoSuchMethodException** -- If a matching method is not found.
- **SecurityException** -- If a security manager, s, is present.

Example

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

```
package com.tutorialspoint;  
  
import java.lang.reflect.*;  
  
public class ClassDemo {  
  
    public static void main(String[] args) {  
  
        try {  
            // returns the Constructor object of the public constructor  
            Class cls[] = new Class[] { String.class };  
            Constructor c = String.class.getConstructor(cls);  
            System.out.println(c);  
        }  
        catch(Exception e) {  
            System.out.println(e);  
        }  
    }  
}
```

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

```
public java.lang.String(java.lang.String)
```

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