

JAVA.LANG.COMPILER.COMPILECLASS METHOD

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

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Description

The **java.lang.Compiler.compileClass** method compiles the specified class.

Declaration

Following is the declaration for **java.lang.Compiler.compileClass** method

```
public static boolean compileClass(Class<?> clazz)
```

Parameters

- **clazz** -- This is a class.

Return Value

This method returns true if the compilation succeeded; false if the compilation failed or no compiler is available.

Exception

- **NullPointerException** -- if clazz is null.

Example

The following example shows the usage of java.lang.Compiler.compileClass method.

```
package com.tutorialspoint;

import java.lang.*;

public class CompilerDemo {

    public static void main(String[] args) {

        CompilerDemo cls = new CompilerDemo();
        CompilerDemo subcls = new SubClass1();

        // class CompilerDemo
        Class c = cls.getClass();
        System.out.println(c);

        // sub class SubClass1
        Class c1 = subcls.getClass();
        System.out.println(c1);

        /* returns false if the compilation failed or no compiler is
        available */
        boolean retval = Compiler.compileClass(c1);

        System.out.println("Return Value = " + retval);
    }
}

class SubClass1 extends CompilerDemo {
    // sub class
}
```

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

```
class CompilerDemo  
class SubClass1  
Return Value = false
```

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