| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Compiler.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/lang/Comparable.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/Deprecated.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/Compiler.html)    [**NO FRAMES**](http://docs.google.com/Compiler.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

## **java.lang**

Class Compiler

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **java.lang.Compiler**

public final class **Compiler**extends [Object](http://docs.google.com/java/lang/Object.html)

The Compiler class is provided to support Java-to-native-code compilers and related services. By design, the Compiler class does nothing; it serves as a placeholder for a JIT compiler implementation.

When the Java Virtual Machine first starts, it determines if the system property java.compiler exists. (System properties are accessible through getProperty, a method defined by the System class.) If so, it is assumed to be the name of a library (with a platform-dependent exact location and type); the loadLibrary method in class System is called to load that library. If this loading succeeds, the function named java\_lang\_Compiler\_start() in that library is called.

If no compiler is available, these methods do nothing.

**Since:** JDK1.0 **See Also:**[System.getProperty(java.lang.String)](http://docs.google.com/java/lang/System.html#getProperty(java.lang.String)), [System.getProperty(java.lang.String, java.lang.String)](http://docs.google.com/java/lang/System.html#getProperty(java.lang.String,%20java.lang.String)), [System.loadLibrary(java.lang.String)](http://docs.google.com/java/lang/System.html#loadLibrary(java.lang.String))

| **Method Summary** | |
| --- | --- |
| static [Object](http://docs.google.com/java/lang/Object.html) | [**command**](http://docs.google.com/java/lang/Compiler.html#command(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) any)            Examines the argument type and its fields and perform some documented operation. |
| static boolean | [**compileClass**](http://docs.google.com/java/lang/Compiler.html#compileClass(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> clazz)            Compiles the specified class. |
| static boolean | [**compileClasses**](http://docs.google.com/java/lang/Compiler.html#compileClasses(java.lang.String))([String](http://docs.google.com/java/lang/String.html) string)            Compiles all classes whose name matches the specified string. |
| static void | [**disable**](http://docs.google.com/java/lang/Compiler.html#disable())()            Cause the Compiler to cease operation. |
| static void | [**enable**](http://docs.google.com/java/lang/Compiler.html#enable())()            Cause the Compiler to resume operation. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Method Detail** |
| --- |

### compileClass

public static boolean **compileClass**([Class](http://docs.google.com/java/lang/Class.html)<?> clazz)

Compiles the specified class.

**Parameters:**clazz - a class. **Returns:**true if the compilation succeeded; false if the compilation failed or no compiler is available. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if clazz is null.

### compileClasses

public static boolean **compileClasses**([String](http://docs.google.com/java/lang/String.html) string)

Compiles all classes whose name matches the specified string.

**Parameters:**string - the name of the classes to compile. **Returns:**true if the compilation succeeded; false if the compilation failed or no compiler is available. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if string is null.

### command

public static [Object](http://docs.google.com/java/lang/Object.html) **command**([Object](http://docs.google.com/java/lang/Object.html) any)

Examines the argument type and its fields and perform some documented operation. No specific operations are required.

**Parameters:**any - an argument. **Returns:**a compiler-specific value, or null if no compiler is available. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if any is null.

### enable

public static void **enable**()

Cause the Compiler to resume operation.

### disable

public static void **disable**()

Cause the Compiler to cease operation.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/Compiler.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/lang/Comparable.html)   [**NEXT CLASS**](http://docs.google.com/java/lang/Deprecated.html) | [**FRAMES**](http://docs.google.com/index.html?java/lang/Compiler.html)    [**NO FRAMES**](http://docs.google.com/Compiler.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#tyjcwt) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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