| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MethodDescriptor.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/beans/Introspector.html)   [**NEXT CLASS**](http://docs.google.com/java/beans/ParameterDescriptor.html) | [**FRAMES**](http://docs.google.com/index.html?java/beans/MethodDescriptor.html)    [**NO FRAMES**](http://docs.google.com/MethodDescriptor.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#17dp8vu) |

## **java.beans**

Class MethodDescriptor

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

public class **MethodDescriptor**extends [FeatureDescriptor](http://docs.google.com/java/beans/FeatureDescriptor.html)

A MethodDescriptor describes a particular method that a Java Bean supports for external access from other components.

| **Constructor Summary** | |
| --- | --- |
| [**MethodDescriptor**](http://docs.google.com/java/beans/MethodDescriptor.html#MethodDescriptor(java.lang.reflect.Method))([Method](http://docs.google.com/java/lang/reflect/Method.html) method)            Constructs a MethodDescriptor from a Method. |
| [**MethodDescriptor**](http://docs.google.com/java/beans/MethodDescriptor.html#MethodDescriptor(java.lang.reflect.Method,%20java.beans.ParameterDescriptor%5B%5D))([Method](http://docs.google.com/java/lang/reflect/Method.html) method, [ParameterDescriptor](http://docs.google.com/java/beans/ParameterDescriptor.html)[] parameterDescriptors)            Constructs a MethodDescriptor from a Method providing descriptive information for each of the method's parameters. |

| **Method Summary** | |
| --- | --- |
| [Method](http://docs.google.com/java/lang/reflect/Method.html) | [**getMethod**](http://docs.google.com/java/beans/MethodDescriptor.html#getMethod())()            Gets the method that this MethodDescriptor encapsualtes. |
| [ParameterDescriptor](http://docs.google.com/java/beans/ParameterDescriptor.html)[] | [**getParameterDescriptors**](http://docs.google.com/java/beans/MethodDescriptor.html#getParameterDescriptors())()            Gets the ParameterDescriptor for each of this MethodDescriptor's method's parameters. |

| **Methods inherited from class java.beans.**[**FeatureDescriptor**](http://docs.google.com/java/beans/FeatureDescriptor.html) |
| --- |
| [attributeNames](http://docs.google.com/java/beans/FeatureDescriptor.html#attributeNames()), [getDisplayName](http://docs.google.com/java/beans/FeatureDescriptor.html#getDisplayName()), [getName](http://docs.google.com/java/beans/FeatureDescriptor.html#getName()), [getShortDescription](http://docs.google.com/java/beans/FeatureDescriptor.html#getShortDescription()), [getValue](http://docs.google.com/java/beans/FeatureDescriptor.html#getValue(java.lang.String)), [isExpert](http://docs.google.com/java/beans/FeatureDescriptor.html#isExpert()), [isHidden](http://docs.google.com/java/beans/FeatureDescriptor.html#isHidden()), [isPreferred](http://docs.google.com/java/beans/FeatureDescriptor.html#isPreferred()), [setDisplayName](http://docs.google.com/java/beans/FeatureDescriptor.html#setDisplayName(java.lang.String)), [setExpert](http://docs.google.com/java/beans/FeatureDescriptor.html#setExpert(boolean)), [setHidden](http://docs.google.com/java/beans/FeatureDescriptor.html#setHidden(boolean)), [setName](http://docs.google.com/java/beans/FeatureDescriptor.html#setName(java.lang.String)), [setPreferred](http://docs.google.com/java/beans/FeatureDescriptor.html#setPreferred(boolean)), [setShortDescription](http://docs.google.com/java/beans/FeatureDescriptor.html#setShortDescription(java.lang.String)), [setValue](http://docs.google.com/java/beans/FeatureDescriptor.html#setValue(java.lang.String,%20java.lang.Object)) |

| **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)) |

| **Constructor Detail** |
| --- |

### MethodDescriptor

public **MethodDescriptor**([Method](http://docs.google.com/java/lang/reflect/Method.html) method)

Constructs a MethodDescriptor from a Method.

**Parameters:**method - The low-level method information.

### MethodDescriptor

public **MethodDescriptor**([Method](http://docs.google.com/java/lang/reflect/Method.html) method,  
 [ParameterDescriptor](http://docs.google.com/java/beans/ParameterDescriptor.html)[] parameterDescriptors)

Constructs a MethodDescriptor from a Method providing descriptive information for each of the method's parameters.

**Parameters:**method - The low-level method information.parameterDescriptors - Descriptive information for each of the method's parameters.

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

### getMethod

public [Method](http://docs.google.com/java/lang/reflect/Method.html) **getMethod**()

Gets the method that this MethodDescriptor encapsualtes.

**Returns:**The low-level description of the method

### getParameterDescriptors

public [ParameterDescriptor](http://docs.google.com/java/beans/ParameterDescriptor.html)[] **getParameterDescriptors**()

Gets the ParameterDescriptor for each of this MethodDescriptor's method's parameters.

**Returns:**The locale-independent names of the parameters. May return a null array if the parameter names aren't known.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MethodDescriptor.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*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#1t3h5sf) | [METHOD](#17dp8vu) |

[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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