| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/beans/IntrospectionException.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/beans//class-useIntrospectionException.html)    [**NO FRAMES**](http://docs.google.com/IntrospectionException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.beans.IntrospectionException**

| Packages that use [IntrospectionException](http://docs.google.com/java/beans/IntrospectionException.html) | |
| --- | --- |
| [**java.beans**](#3znysh7) | Contains classes related to developing *beans* -- components based on the JavaBeansTM architecture. |

| Uses of [IntrospectionException](http://docs.google.com/java/beans/IntrospectionException.html) in [java.beans](http://docs.google.com/java/beans/package-summary.html) | |
| --- | --- |

| Methods in [java.beans](http://docs.google.com/java/beans/package-summary.html) that throw [IntrospectionException](http://docs.google.com/java/beans/IntrospectionException.html) | |
| --- | --- |
| static [BeanInfo](http://docs.google.com/java/beans/BeanInfo.html) | **Introspector.**[**getBeanInfo**](http://docs.google.com/java/beans/Introspector.html#getBeanInfo(java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass)            Introspect on a Java Bean and learn about all its properties, exposed methods, and events. |
| static [BeanInfo](http://docs.google.com/java/beans/BeanInfo.html) | **Introspector.**[**getBeanInfo**](http://docs.google.com/java/beans/Introspector.html#getBeanInfo(java.lang.Class,%20java.lang.Class))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [Class](http://docs.google.com/java/lang/Class.html)<?> stopClass)            Introspect on a Java bean and learn all about its properties, exposed methods, below a given "stop" point. |
| static [BeanInfo](http://docs.google.com/java/beans/BeanInfo.html) | **Introspector.**[**getBeanInfo**](http://docs.google.com/java/beans/Introspector.html#getBeanInfo(java.lang.Class,%20int))([Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, int flags)            Introspect on a Java bean and learn about all its properties, exposed methods, and events, subject to some control flags. |
| void | **IndexedPropertyDescriptor.**[**setIndexedReadMethod**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html#setIndexedReadMethod(java.lang.reflect.Method))([Method](http://docs.google.com/java/lang/reflect/Method.html) readMethod)            Sets the method that should be used to read an indexed property value. |
| void | **IndexedPropertyDescriptor.**[**setIndexedWriteMethod**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html#setIndexedWriteMethod(java.lang.reflect.Method))([Method](http://docs.google.com/java/lang/reflect/Method.html) writeMethod)            Sets the method that should be used to write an indexed property value. |
| void | **PropertyDescriptor.**[**setReadMethod**](http://docs.google.com/java/beans/PropertyDescriptor.html#setReadMethod(java.lang.reflect.Method))([Method](http://docs.google.com/java/lang/reflect/Method.html) readMethod)            Sets the method that should be used to read the property value. |
| void | **PropertyDescriptor.**[**setWriteMethod**](http://docs.google.com/java/beans/PropertyDescriptor.html#setWriteMethod(java.lang.reflect.Method))([Method](http://docs.google.com/java/lang/reflect/Method.html) writeMethod)            Sets the method that should be used to write the property value. |

| Constructors in [java.beans](http://docs.google.com/java/beans/package-summary.html) that throw [IntrospectionException](http://docs.google.com/java/beans/IntrospectionException.html) | |
| --- | --- |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html) listenerMethodName)            Creates an EventSetDescriptor assuming that you are following the most simple standard design pattern where a named event "fred" is (1) delivered as a call on the single method of interface FredListener, (2) has a single argument of type FredEvent, and (3) where the FredListener may be registered with a call on an addFredListener method of the source component and removed with a call on a removeFredListener method. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String%5B%5D,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html)[] listenerMethodNames, [String](http://docs.google.com/java/lang/String.html) addListenerMethodName, [String](http://docs.google.com/java/lang/String.html) removeListenerMethodName)            Creates an EventSetDescriptor from scratch using string names. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.Class,%20java.lang.String,%20java.lang.Class,%20java.lang.String%5B%5D,%20java.lang.String,%20java.lang.String,%20java.lang.String))([Class](http://docs.google.com/java/lang/Class.html)<?> sourceClass, [String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [String](http://docs.google.com/java/lang/String.html)[] listenerMethodNames, [String](http://docs.google.com/java/lang/String.html) addListenerMethodName, [String](http://docs.google.com/java/lang/String.html) removeListenerMethodName, [String](http://docs.google.com/java/lang/String.html) getListenerMethodName)            This constructor creates an EventSetDescriptor from scratch using string names. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.String,%20java.lang.Class,%20java.lang.reflect.Method%5B%5D,%20java.lang.reflect.Method,%20java.lang.reflect.Method))([String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [Method](http://docs.google.com/java/lang/reflect/Method.html)[] listenerMethods, [Method](http://docs.google.com/java/lang/reflect/Method.html) addListenerMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) removeListenerMethod)            Creates an EventSetDescriptor from scratch using java.lang.reflect.Method and java.lang.Class objects. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.String,%20java.lang.Class,%20java.lang.reflect.Method%5B%5D,%20java.lang.reflect.Method,%20java.lang.reflect.Method,%20java.lang.reflect.Method))([String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [Method](http://docs.google.com/java/lang/reflect/Method.html)[] listenerMethods, [Method](http://docs.google.com/java/lang/reflect/Method.html) addListenerMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) removeListenerMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) getListenerMethod)            This constructor creates an EventSetDescriptor from scratch using java.lang.reflect.Method and java.lang.Class objects. |
| [**EventSetDescriptor**](http://docs.google.com/java/beans/EventSetDescriptor.html#EventSetDescriptor(java.lang.String,%20java.lang.Class,%20java.beans.MethodDescriptor%5B%5D,%20java.lang.reflect.Method,%20java.lang.reflect.Method))([String](http://docs.google.com/java/lang/String.html) eventSetName, [Class](http://docs.google.com/java/lang/Class.html)<?> listenerType, [MethodDescriptor](http://docs.google.com/java/beans/MethodDescriptor.html)[] listenerMethodDescriptors, [Method](http://docs.google.com/java/lang/reflect/Method.html) addListenerMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) removeListenerMethod)            Creates an EventSetDescriptor from scratch using java.lang.reflect.MethodDescriptor and java.lang.Class objects. |
| [**IndexedPropertyDescriptor**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html#IndexedPropertyDescriptor(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) propertyName, [Class](http://docs.google.com/java/lang/Class.html)<?> beanClass)            This constructor constructs an IndexedPropertyDescriptor for a property that follows the standard Java conventions by having getFoo and setFoo accessor methods, for both indexed access and array access. |
| [**IndexedPropertyDescriptor**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html#IndexedPropertyDescriptor(java.lang.String,%20java.lang.Class,%20java.lang.String,%20java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) propertyName, [Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [String](http://docs.google.com/java/lang/String.html) readMethodName, [String](http://docs.google.com/java/lang/String.html) writeMethodName, [String](http://docs.google.com/java/lang/String.html) indexedReadMethodName, [String](http://docs.google.com/java/lang/String.html) indexedWriteMethodName)            This constructor takes the name of a simple property, and method names for reading and writing the property, both indexed and non-indexed. |
| [**IndexedPropertyDescriptor**](http://docs.google.com/java/beans/IndexedPropertyDescriptor.html#IndexedPropertyDescriptor(java.lang.String,%20java.lang.reflect.Method,%20java.lang.reflect.Method,%20java.lang.reflect.Method,%20java.lang.reflect.Method))([String](http://docs.google.com/java/lang/String.html) propertyName, [Method](http://docs.google.com/java/lang/reflect/Method.html) readMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) writeMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) indexedReadMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) indexedWriteMethod)            This constructor takes the name of a simple property, and Method objects for reading and writing the property. |
| [**PropertyDescriptor**](http://docs.google.com/java/beans/PropertyDescriptor.html#PropertyDescriptor(java.lang.String,%20java.lang.Class))([String](http://docs.google.com/java/lang/String.html) propertyName, [Class](http://docs.google.com/java/lang/Class.html)<?> beanClass)            Constructs a PropertyDescriptor for a property that follows the standard Java convention by having getFoo and setFoo accessor methods. |
| [**PropertyDescriptor**](http://docs.google.com/java/beans/PropertyDescriptor.html#PropertyDescriptor(java.lang.String,%20java.lang.Class,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) propertyName, [Class](http://docs.google.com/java/lang/Class.html)<?> beanClass, [String](http://docs.google.com/java/lang/String.html) readMethodName, [String](http://docs.google.com/java/lang/String.html) writeMethodName)            This constructor takes the name of a simple property, and method names for reading and writing the property. |
| [**PropertyDescriptor**](http://docs.google.com/java/beans/PropertyDescriptor.html#PropertyDescriptor(java.lang.String,%20java.lang.reflect.Method,%20java.lang.reflect.Method))([String](http://docs.google.com/java/lang/String.html) propertyName, [Method](http://docs.google.com/java/lang/reflect/Method.html) readMethod, [Method](http://docs.google.com/java/lang/reflect/Method.html) writeMethod)            This constructor takes the name of a simple property, and Method objects for reading and writing the property. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/beans/IntrospectionException.html) | **Use** | [**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   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/beans//class-useIntrospectionException.html)    [**NO FRAMES**](http://docs.google.com/IntrospectionException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[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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