| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/IndexOutOfBoundsException.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/lang//class-useIndexOutOfBoundsException.html)    [**NO FRAMES**](http://docs.google.com/IndexOutOfBoundsException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.lang.IndexOutOfBoundsException**

| Packages that use [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) | |
| --- | --- |
| [**java.awt**](#3znysh7) | Contains all of the classes for creating user interfaces and for painting graphics and images. |
| [**java.awt.print**](#2et92p0) | Provides classes and interfaces for a general printing API. |
| [**java.lang**](#tyjcwt) | Provides classes that are fundamental to the design of the Java programming language. |
| [**javax.management.relation**](#3dy6vkm) | Provides the definition of the Relation Service. |

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

| Methods in [java.awt](http://docs.google.com/java/awt/package-summary.html) that throw [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) | |
| --- | --- |
| [Cursor](http://docs.google.com/java/awt/Cursor.html) | **Toolkit.**[**createCustomCursor**](http://docs.google.com/java/awt/Toolkit.html#createCustomCursor(java.awt.Image,%20java.awt.Point,%20java.lang.String))([Image](http://docs.google.com/java/awt/Image.html) cursor, [Point](http://docs.google.com/java/awt/Point.html) hotSpot, [String](http://docs.google.com/java/lang/String.html) name)            Creates a new custom cursor object. |

| Uses of [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) in [java.awt.print](http://docs.google.com/java/awt/print/package-summary.html) | |
| --- | --- |

| Methods in [java.awt.print](http://docs.google.com/java/awt/print/package-summary.html) that throw [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) | |
| --- | --- |
| [PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) | **Pageable.**[**getPageFormat**](http://docs.google.com/java/awt/print/Pageable.html#getPageFormat(int))(int pageIndex)            Returns the PageFormat of the page specified by pageIndex. |
| [PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) | **Book.**[**getPageFormat**](http://docs.google.com/java/awt/print/Book.html#getPageFormat(int))(int pageIndex)            Returns the [PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) of the page specified by pageIndex. |
| [Printable](http://docs.google.com/java/awt/print/Printable.html) | **Pageable.**[**getPrintable**](http://docs.google.com/java/awt/print/Pageable.html#getPrintable(int))(int pageIndex)            Returns the Printable instance responsible for rendering the page specified by pageIndex. |
| [Printable](http://docs.google.com/java/awt/print/Printable.html) | **Book.**[**getPrintable**](http://docs.google.com/java/awt/print/Book.html#getPrintable(int))(int pageIndex)            Returns the [Printable](http://docs.google.com/java/awt/print/Printable.html) instance responsible for rendering the page specified by pageIndex. |
| void | **Book.**[**setPage**](http://docs.google.com/java/awt/print/Book.html#setPage(int,%20java.awt.print.Printable,%20java.awt.print.PageFormat))(int pageIndex, [Printable](http://docs.google.com/java/awt/print/Printable.html) painter, [PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) page)            Sets the PageFormat and the Painter for a specified page number. |

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

| Subclasses of [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) in [java.lang](http://docs.google.com/java/lang/package-summary.html) | |
| --- | --- |
| class | [**ArrayIndexOutOfBoundsException**](http://docs.google.com/java/lang/ArrayIndexOutOfBoundsException.html)            Thrown to indicate that an array has been accessed with an illegal index. |
| class | [**StringIndexOutOfBoundsException**](http://docs.google.com/java/lang/StringIndexOutOfBoundsException.html)            Thrown by String methods to indicate that an index is either negative or greater than the size of the string. |

| Uses of [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html) | |
| --- | --- |

| Methods in [javax.management.relation](http://docs.google.com/javax/management/relation/package-summary.html) that throw [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) | |
| --- | --- |
| void | **RoleList.**[**add**](http://docs.google.com/javax/management/relation/RoleList.html#add(int,%20javax.management.relation.Role))(int index, [Role](http://docs.google.com/javax/management/relation/Role.html) role)            Inserts the role specified as an element at the position specified. |
| void | **RoleUnresolvedList.**[**add**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html#add(int,%20javax.management.relation.RoleUnresolved))(int index, [RoleUnresolved](http://docs.google.com/javax/management/relation/RoleUnresolved.html) role)            Inserts the unresolved role specified as an element at the position specified. |
| boolean | **RoleList.**[**addAll**](http://docs.google.com/javax/management/relation/RoleList.html#addAll(int,%20javax.management.relation.RoleList))(int index, [RoleList](http://docs.google.com/javax/management/relation/RoleList.html) roleList)            Inserts all of the elements in the RoleList specified into this list, starting at the specified position, in the order in which they are returned by the Iterator of the RoleList specified. |
| boolean | **RoleUnresolvedList.**[**addAll**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html#addAll(int,%20javax.management.relation.RoleUnresolvedList))(int index, [RoleUnresolvedList](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html) roleList)            Inserts all of the elements in the RoleUnresolvedList specified into this list, starting at the specified position, in the order in which they are returned by the Iterator of the RoleUnresolvedList specified. |
| boolean | **RoleList.**[**addAll**](http://docs.google.com/javax/management/relation/RoleList.html#addAll(javax.management.relation.RoleList))([RoleList](http://docs.google.com/javax/management/relation/RoleList.html) roleList)            Appends all the elements in the RoleList specified to the end of the list, in the order in which they are returned by the Iterator of the RoleList specified. |
| boolean | **RoleUnresolvedList.**[**addAll**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html#addAll(javax.management.relation.RoleUnresolvedList))([RoleUnresolvedList](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html) roleList)            Appends all the elements in the RoleUnresolvedList specified to the end of the list, in the order in which they are returned by the Iterator of the RoleUnresolvedList specified. |
| void | **RoleList.**[**set**](http://docs.google.com/javax/management/relation/RoleList.html#set(int,%20javax.management.relation.Role))(int index, [Role](http://docs.google.com/javax/management/relation/Role.html) role)            Sets the element at the position specified to be the role specified. |
| void | **RoleUnresolvedList.**[**set**](http://docs.google.com/javax/management/relation/RoleUnresolvedList.html#set(int,%20javax.management.relation.RoleUnresolved))(int index, [RoleUnresolved](http://docs.google.com/javax/management/relation/RoleUnresolved.html) role)            Sets the element at the position specified to be the unresolved role specified. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/lang/IndexOutOfBoundsException.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*** |
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[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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