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

## **java.awt.print**

Interface Pageable

**All Known Implementing Classes:** [Book](http://docs.google.com/java/awt/print/Book.html)

public interface **Pageable**

The Pageable implementation represents a set of pages to be printed. The Pageable object returns the total number of pages in the set as well as the [PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) and [Printable](http://docs.google.com/java/awt/print/Printable.html) for a specified page.

**See Also:**[PageFormat](http://docs.google.com/java/awt/print/PageFormat.html), [Printable](http://docs.google.com/java/awt/print/Printable.html)

| **Field Summary** | |
| --- | --- |
| static int | [**UNKNOWN\_NUMBER\_OF\_PAGES**](http://docs.google.com/java/awt/print/Pageable.html#UNKNOWN_NUMBER_OF_PAGES)            This constant is returned from the [getNumberOfPages](http://docs.google.com/java/awt/print/Pageable.html#getNumberOfPages()) method if a Pageable implementation does not know the number of pages in its set. |

| **Method Summary** | |
| --- | --- |
| int | [**getNumberOfPages**](http://docs.google.com/java/awt/print/Pageable.html#getNumberOfPages())()            Returns the number of pages in the set. |
| [PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) | [**getPageFormat**](http://docs.google.com/java/awt/print/Pageable.html#getPageFormat(int))(int pageIndex)            Returns the PageFormat of the page specified by pageIndex. |
| [Printable](http://docs.google.com/java/awt/print/Printable.html) | [**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. |

| **Field Detail** |
| --- |

### UNKNOWN\_NUMBER\_OF\_PAGES

static final int **UNKNOWN\_NUMBER\_OF\_PAGES**

This constant is returned from the [getNumberOfPages](http://docs.google.com/java/awt/print/Pageable.html#getNumberOfPages()) method if a Pageable implementation does not know the number of pages in its set.

**See Also:**[Constant Field Values](http://docs.google.com/constant-values.html#java.awt.print.Pageable.UNKNOWN_NUMBER_OF_PAGES)

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

### getNumberOfPages

int **getNumberOfPages**()

Returns the number of pages in the set. To enable advanced printing features, it is recommended that Pageable implementations return the true number of pages rather than the UNKNOWN\_NUMBER\_OF\_PAGES constant.

**Returns:**the number of pages in this Pageable.

### getPageFormat

[PageFormat](http://docs.google.com/java/awt/print/PageFormat.html) **getPageFormat**(int pageIndex)  
 throws [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html)

Returns the PageFormat of the page specified by pageIndex.

**Parameters:**pageIndex - the zero based index of the page whose PageFormat is being requested **Returns:**the PageFormat describing the size and orientation. **Throws:** [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) - if the Pageable does not contain the requested page.

### getPrintable

[Printable](http://docs.google.com/java/awt/print/Printable.html) **getPrintable**(int pageIndex)  
 throws [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html)

Returns the Printable instance responsible for rendering the page specified by pageIndex.

**Parameters:**pageIndex - the zero based index of the page whose Printable is being requested **Returns:**the Printable that renders the page. **Throws:** [IndexOutOfBoundsException](http://docs.google.com/java/lang/IndexOutOfBoundsException.html) - if the Pageable does not contain the requested page.

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

[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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