| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.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?javax/print/attribute/standard//class-usePresentationDirection.html)    [**NO FRAMES**](http://docs.google.com/PresentationDirection.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.print.attribute.standard.PresentationDirection**

| Packages that use [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | |
| --- | --- |
| [**javax.print.attribute.standard**](#3znysh7) | Package javax.print.attribute.standard contains classes for specific printing attributes. |

| Uses of [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) | |
| --- | --- |

| Fields in [javax.print.attribute.standard](http://docs.google.com/javax/print/attribute/standard/package-summary.html) declared as [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | |
| --- | --- |
| static [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | **PresentationDirection.**[**TOBOTTOM\_TOLEFT**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#TOBOTTOM_TOLEFT)            Pages are laid out in columns starting at the top right, proceeeding towards the bottom & left. |
| static [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | **PresentationDirection.**[**TOBOTTOM\_TORIGHT**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#TOBOTTOM_TORIGHT)            Pages are laid out in columns starting at the top left, proceeeding towards the bottom & right. |
| static [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | **PresentationDirection.**[**TOLEFT\_TOBOTTOM**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#TOLEFT_TOBOTTOM)            Pages are laid out in rows starting at the top right, proceeeding towards the left & bottom. |
| static [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | **PresentationDirection.**[**TOLEFT\_TOTOP**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#TOLEFT_TOTOP)            Pages are laid out in rows starting at the bottom right, proceeeding towards the left & top. |
| static [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | **PresentationDirection.**[**TORIGHT\_TOBOTTOM**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#TORIGHT_TOBOTTOM)            Pages are laid out in rows starting at the top left, proceeeding towards the right & bottom. |
| static [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | **PresentationDirection.**[**TORIGHT\_TOTOP**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#TORIGHT_TOTOP)            Pages are laid out in rows starting at the bottom left, proceeeding towards the right & top. |
| static [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | **PresentationDirection.**[**TOTOP\_TOLEFT**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#TOTOP_TOLEFT)            Pages are laid out in columns starting at the bottom right, proceeeding towards the top & left. |
| static [PresentationDirection](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html) | **PresentationDirection.**[**TOTOP\_TORIGHT**](http://docs.google.com/javax/print/attribute/standard/PresentationDirection.html#TOTOP_TORIGHT)            Pages are laid out in columns starting at the bottom left, proceeeding towards the top & right. |

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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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