| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/SizeRequirements.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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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/swing//class-useSizeRequirements.html)    [**NO FRAMES**](http://docs.google.com/SizeRequirements.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.swing.SizeRequirements**

| Packages that use [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | |
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| [**javax.swing**](#3znysh7) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |
| [**javax.swing.text**](#2et92p0) | Provides classes and interfaces that deal with editable and noneditable text components. |
| [**javax.swing.text.html**](#tyjcwt) | Provides the class HTMLEditorKit and supporting classes for creating HTML text editors. |

| Uses of [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
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| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | |
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| static [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **SizeRequirements.**[**getAlignedSizeRequirements**](http://docs.google.com/javax/swing/SizeRequirements.html#getAlignedSizeRequirements(javax.swing.SizeRequirements%5B%5D))([SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children)            Determines the total space necessary to align a set of components. |
| static [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **SizeRequirements.**[**getTiledSizeRequirements**](http://docs.google.com/javax/swing/SizeRequirements.html#getTiledSizeRequirements(javax.swing.SizeRequirements%5B%5D))([SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children)            Determines the total space necessary to place a set of components end-to-end. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | |
| --- | --- |
| static int[] | **SizeRequirements.**[**adjustSizes**](http://docs.google.com/javax/swing/SizeRequirements.html#adjustSizes(int,%20javax.swing.SizeRequirements%5B%5D))(int delta, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children)            Adjust a specified array of sizes by a given amount. |
| static void | **SizeRequirements.**[**calculateAlignedPositions**](http://docs.google.com/javax/swing/SizeRequirements.html#calculateAlignedPositions(int,%20javax.swing.SizeRequirements,%20javax.swing.SizeRequirements%5B%5D,%20int%5B%5D,%20int%5B%5D))(int allocated, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) total, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children, int[] offsets, int[] spans)            Creates a bunch of offset/span pairs specifying how to lay out a set of components with the specified alignments. |
| static void | **SizeRequirements.**[**calculateAlignedPositions**](http://docs.google.com/javax/swing/SizeRequirements.html#calculateAlignedPositions(int,%20javax.swing.SizeRequirements,%20javax.swing.SizeRequirements%5B%5D,%20int%5B%5D,%20int%5B%5D))(int allocated, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) total, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children, int[] offsets, int[] spans)            Creates a bunch of offset/span pairs specifying how to lay out a set of components with the specified alignments. |
| static void | **SizeRequirements.**[**calculateAlignedPositions**](http://docs.google.com/javax/swing/SizeRequirements.html#calculateAlignedPositions(int,%20javax.swing.SizeRequirements,%20javax.swing.SizeRequirements%5B%5D,%20int%5B%5D,%20int%5B%5D,%20boolean))(int allocated, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) total, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children, int[] offsets, int[] spans, boolean normal)            Creates a set of offset/span pairs specifying how to lay out a set of components with the specified alignments. |
| static void | **SizeRequirements.**[**calculateAlignedPositions**](http://docs.google.com/javax/swing/SizeRequirements.html#calculateAlignedPositions(int,%20javax.swing.SizeRequirements,%20javax.swing.SizeRequirements%5B%5D,%20int%5B%5D,%20int%5B%5D,%20boolean))(int allocated, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) total, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children, int[] offsets, int[] spans, boolean normal)            Creates a set of offset/span pairs specifying how to lay out a set of components with the specified alignments. |
| static void | **SizeRequirements.**[**calculateTiledPositions**](http://docs.google.com/javax/swing/SizeRequirements.html#calculateTiledPositions(int,%20javax.swing.SizeRequirements,%20javax.swing.SizeRequirements%5B%5D,%20int%5B%5D,%20int%5B%5D))(int allocated, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) total, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children, int[] offsets, int[] spans)            Creates a set of offset/span pairs representing how to lay out a set of components end-to-end. |
| static void | **SizeRequirements.**[**calculateTiledPositions**](http://docs.google.com/javax/swing/SizeRequirements.html#calculateTiledPositions(int,%20javax.swing.SizeRequirements,%20javax.swing.SizeRequirements%5B%5D,%20int%5B%5D,%20int%5B%5D))(int allocated, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) total, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children, int[] offsets, int[] spans)            Creates a set of offset/span pairs representing how to lay out a set of components end-to-end. |
| static void | **SizeRequirements.**[**calculateTiledPositions**](http://docs.google.com/javax/swing/SizeRequirements.html#calculateTiledPositions(int,%20javax.swing.SizeRequirements,%20javax.swing.SizeRequirements%5B%5D,%20int%5B%5D,%20int%5B%5D,%20boolean))(int allocated, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) total, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children, int[] offsets, int[] spans, boolean forward)            Creates a set of offset/span pairs representing how to lay out a set of components end-to-end. |
| static void | **SizeRequirements.**[**calculateTiledPositions**](http://docs.google.com/javax/swing/SizeRequirements.html#calculateTiledPositions(int,%20javax.swing.SizeRequirements,%20javax.swing.SizeRequirements%5B%5D,%20int%5B%5D,%20int%5B%5D,%20boolean))(int allocated, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) total, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children, int[] offsets, int[] spans, boolean forward)            Creates a set of offset/span pairs representing how to lay out a set of components end-to-end. |
| static [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **SizeRequirements.**[**getAlignedSizeRequirements**](http://docs.google.com/javax/swing/SizeRequirements.html#getAlignedSizeRequirements(javax.swing.SizeRequirements%5B%5D))([SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children)            Determines the total space necessary to align a set of components. |
| static [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **SizeRequirements.**[**getTiledSizeRequirements**](http://docs.google.com/javax/swing/SizeRequirements.html#getTiledSizeRequirements(javax.swing.SizeRequirements%5B%5D))([SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] children)            Determines the total space necessary to place a set of components end-to-end. |

| Uses of [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) | |
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| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) that return [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | |
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| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BoxView.**[**baselineRequirements**](http://docs.google.com/javax/swing/text/BoxView.html#baselineRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculates the size requirements for this BoxView by examining the size of each child view. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BoxView.**[**calculateMajorAxisRequirements**](http://docs.google.com/javax/swing/text/BoxView.html#calculateMajorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculates the size requirements for the major axis axis. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **TableView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/TableView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate the requirements for the minor axis. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BoxView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/BoxView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculates the size requirements for the minor axis axis. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **FlowView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/FlowView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate equirements along the minor axis. |

| Methods in [javax.swing.text](http://docs.google.com/javax/swing/text/package-summary.html) with parameters of type [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | |
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| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BoxView.**[**baselineRequirements**](http://docs.google.com/javax/swing/text/BoxView.html#baselineRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculates the size requirements for this BoxView by examining the size of each child view. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BoxView.**[**calculateMajorAxisRequirements**](http://docs.google.com/javax/swing/text/BoxView.html#calculateMajorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculates the size requirements for the major axis axis. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **TableView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/TableView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate the requirements for the minor axis. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BoxView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/BoxView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculates the size requirements for the minor axis axis. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **FlowView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/FlowView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate equirements along the minor axis. |
| protected  void | **TableView.**[**layoutColumns**](http://docs.google.com/javax/swing/text/TableView.html#layoutColumns(int,%20int%5B%5D,%20int%5B%5D,%20javax.swing.SizeRequirements%5B%5D))(int targetSpan, int[] offsets, int[] spans, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html)[] reqs)            Lays out the columns to fit within the given target span. |

| Uses of [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) | |
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| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) that return [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | |
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| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BlockView.**[**calculateMajorAxisRequirements**](http://docs.google.com/javax/swing/text/html/BlockView.html#calculateMajorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate the requirements of the block along the major axis (i.e. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BlockView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/html/BlockView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate the requirements of the block along the minor axis (i.e. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **ParagraphView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/html/ParagraphView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate the needs for the paragraph along the minor axis. |

| Methods in [javax.swing.text.html](http://docs.google.com/javax/swing/text/html/package-summary.html) with parameters of type [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | |
| --- | --- |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BlockView.**[**calculateMajorAxisRequirements**](http://docs.google.com/javax/swing/text/html/BlockView.html#calculateMajorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate the requirements of the block along the major axis (i.e. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **BlockView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/html/BlockView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate the requirements of the block along the minor axis (i.e. |
| protected  [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) | **ParagraphView.**[**calculateMinorAxisRequirements**](http://docs.google.com/javax/swing/text/html/ParagraphView.html#calculateMinorAxisRequirements(int,%20javax.swing.SizeRequirements))(int axis, [SizeRequirements](http://docs.google.com/javax/swing/SizeRequirements.html) r)            Calculate the needs for the paragraph along the minor axis. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/SizeRequirements.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/swing//class-useSizeRequirements.html)    [**NO FRAMES**](http://docs.google.com/SizeRequirements.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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