| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/BoundedRangeModel.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-useBoundedRangeModel.html)    [**NO FRAMES**](http://docs.google.com/BoundedRangeModel.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Interface**

**javax.swing.BoundedRangeModel**

| Packages that use [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | |
| --- | --- |
| [**javax.swing**](#3znysh7) | Provides a set of "lightweight" (all-Java language) components that, to the maximum degree possible, work the same on all platforms. |

| Uses of [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) | |
| --- | --- |

| Classes in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that implement [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | |
| --- | --- |
| class | [**DefaultBoundedRangeModel**](http://docs.google.com/javax/swing/DefaultBoundedRangeModel.html)            A generic implementation of BoundedRangeModel. |

| Fields in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) declared as [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | |
| --- | --- |
| protected  [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | **JProgressBar.**[**model**](http://docs.google.com/javax/swing/JProgressBar.html#model)            The object that holds the data for the progress bar. |
| protected  [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | **JScrollBar.**[**model**](http://docs.google.com/javax/swing/JScrollBar.html#model)            The model that represents the scrollbar's minimum, maximum, extent (aka "visibleAmount") and current value. |
| protected  [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | **JSlider.**[**sliderModel**](http://docs.google.com/javax/swing/JSlider.html#sliderModel)            The data model that handles the numeric maximum value, minimum value, and current-position value for the slider. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) that return [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | |
| --- | --- |
| [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | **JTextField.**[**getHorizontalVisibility**](http://docs.google.com/javax/swing/JTextField.html#getHorizontalVisibility())()            Gets the visibility of the text field. |
| [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | **JProgressBar.**[**getModel**](http://docs.google.com/javax/swing/JProgressBar.html#getModel())()            Returns the data model used by this progress bar. |
| [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | **JSlider.**[**getModel**](http://docs.google.com/javax/swing/JSlider.html#getModel())()            Returns the BoundedRangeModel that handles the slider's three fundamental properties: minimum, maximum, value. |
| [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | **JScrollBar.**[**getModel**](http://docs.google.com/javax/swing/JScrollBar.html#getModel())()            Returns data model that handles the scrollbar's four fundamental properties: minimum, maximum, value, extent. |

| Methods in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | |
| --- | --- |
| void | **JProgressBar.**[**setModel**](http://docs.google.com/javax/swing/JProgressBar.html#setModel(javax.swing.BoundedRangeModel))([BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) newModel)            Sets the data model used by the JProgressBar. |
| void | **JSlider.**[**setModel**](http://docs.google.com/javax/swing/JSlider.html#setModel(javax.swing.BoundedRangeModel))([BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) newModel)            Sets the BoundedRangeModel that handles the slider's three fundamental properties: minimum, maximum, value. |
| void | **JScrollBar.**[**setModel**](http://docs.google.com/javax/swing/JScrollBar.html#setModel(javax.swing.BoundedRangeModel))([BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) newModel)            Sets the model that handles the scrollbar's four fundamental properties: minimum, maximum, value, extent. |

| Constructors in [javax.swing](http://docs.google.com/javax/swing/package-summary.html) with parameters of type [BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) | |
| --- | --- |
| [**JProgressBar**](http://docs.google.com/javax/swing/JProgressBar.html#JProgressBar(javax.swing.BoundedRangeModel))([BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) newModel)            Creates a horizontal progress bar that uses the specified model to hold the progress bar's data. |
| [**JSlider**](http://docs.google.com/javax/swing/JSlider.html#JSlider(javax.swing.BoundedRangeModel))([BoundedRangeModel](http://docs.google.com/javax/swing/BoundedRangeModel.html) brm)            Creates a horizontal slider using the specified BoundedRangeModel. |

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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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