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

**Uses of Class**

**javax.swing.tree.AbstractLayoutCache.NodeDimensions**

| Packages that use [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | |
| --- | --- |
| [**javax.swing.plaf.basic**](#3znysh7) | Provides user interface objects built according to the Basic look and feel. |
| [**javax.swing.tree**](#2et92p0) | Provides classes and interfaces for dealing with javax.swing.JTree. |

| Uses of [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |

| Subclasses of [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) | |
| --- | --- |
| class | [**BasicTreeUI.NodeDimensionsHandler**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.NodeDimensionsHandler.html)            Class responsible for getting size of node, method is forwarded to BasicTreeUI method. |

| Fields in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) declared as [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | |
| --- | --- |
| protected  [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | **BasicTreeUI.**[**nodeDimensions**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#nodeDimensions)            Reponsible for telling the TreeState the size needed for a node. |

| Methods in [javax.swing.plaf.basic](http://docs.google.com/javax/swing/plaf/basic/package-summary.html) that return [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | |
| --- | --- |
| protected  [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | **BasicTreeUI.**[**createNodeDimensions**](http://docs.google.com/javax/swing/plaf/basic/BasicTreeUI.html#createNodeDimensions())()            Creates an instance of NodeDimensions that is able to determine the size of a given node in the tree. |

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

| Fields in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) declared as [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | |
| --- | --- |
| protected  [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | **AbstractLayoutCache.**[**nodeDimensions**](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.html#nodeDimensions)            Object responsible for getting the size of a node. |

| Methods in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) that return [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | |
| --- | --- |
| [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | **AbstractLayoutCache.**[**getNodeDimensions**](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.html#getNodeDimensions())()            Returns the object that renders nodes in the tree, and which is responsible for calculating the dimensions of individual nodes. |

| Methods in [javax.swing.tree](http://docs.google.com/javax/swing/tree/package-summary.html) with parameters of type [AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) | |
| --- | --- |
| void | **VariableHeightLayoutCache.**[**setNodeDimensions**](http://docs.google.com/javax/swing/tree/VariableHeightLayoutCache.html#setNodeDimensions(javax.swing.tree.AbstractLayoutCache.NodeDimensions))([AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) nd)            Sets the renderer that is responsible for drawing nodes in the tree. |
| void | **AbstractLayoutCache.**[**setNodeDimensions**](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.html#setNodeDimensions(javax.swing.tree.AbstractLayoutCache.NodeDimensions))([AbstractLayoutCache.NodeDimensions](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.html) nd)            Sets the renderer that is responsible for drawing nodes in the tree and which is threfore responsible for calculating the dimensions of individual nodes. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/swing/tree/AbstractLayoutCache.NodeDimensions.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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