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Uses of Class

org.apache.commons.collections4.list.AbstractLinkedList.Node

* Packages that use [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)

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| * Package | * Description |
| * [org.apache.commons.collections4.list](#3znysh7) | * This package contains implementations of the [List](https://docs.oracle.com/javase/7/docs/api/java/util/List.html?is-external=true) interface. |

### Uses of [**AbstractLinkedList.Node**](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html) in [**org.apache.commons.collections4.list**](http://docs.google.com/org/apache/commons/collections4/list/package-summary.html)Fields in [org.apache.commons.collections4.list](http://docs.google.com/org/apache/commons/collections4/list/package-summary.html) declared as [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)

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| * + Modifier and Type | * + Field and Description |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html)> | * + AbstractLinkedList.LinkedListIterator.[current](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html#current) The last node that was returned by [AbstractLinkedList.LinkedListIterator.next()](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html#next--) or [AbstractLinkedList.LinkedListIterator.previous()](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html#previous--). |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> | * + AbstractLinkedList.Node.[next](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html#next) A pointer to the node after this node |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html)> | * + AbstractLinkedList.LinkedListIterator.[next](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html#next) The node that will be returned by [AbstractLinkedList.LinkedListIterator.next()](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html#next--). |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> | * + AbstractLinkedList.Node.[previous](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html#previous) A pointer to the node before this node |

* + Methods in [org.apache.commons.collections4.list](http://docs.google.com/org/apache/commons/collections4/list/package-summary.html) that return [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)

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| * + Modifier and Type | * + Method and Description |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> | * + AbstractLinkedList.[createHeaderNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#createHeaderNode--)() Creates a new node with previous, next and element all set to null. |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> | * + AbstractLinkedList.[createNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#createNode-E-)([E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html) value) Creates a new node with the specified properties. |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html)> | * + NodeCachingLinkedList.[createNode](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html#createNode-E-)([E](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html) value) Creates a new node, either by reusing one from the cache or creating a new one. |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html)> | * + AbstractLinkedList.LinkedListIterator.[getLastNodeReturned](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.LinkedListIterator.html#getLastNodeReturned--)() Gets the last node returned. |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> | * + AbstractLinkedList.Node.[getNextNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html#getNextNode--)() Gets the next node. |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> | * + AbstractLinkedList.[getNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#getNode-int-boolean-)(int index, boolean endMarkerAllowed) Gets the node at a particular index. |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html)> | * + NodeCachingLinkedList.[getNodeFromCache](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html#getNodeFromCache--)() Gets a node from the cache. |
| * + protected [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> | * + AbstractLinkedList.Node.[getPreviousNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html#getPreviousNode--)() Gets the previous node. |

* + Methods in [org.apache.commons.collections4.list](http://docs.google.com/org/apache/commons/collections4/list/package-summary.html) with parameters of type [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)

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| * + Modifier and Type | * + Method and Description |
| * + protected void | * + AbstractLinkedList.[addNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#addNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> nodeToInsert, [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> insertBeforeNode) Inserts a new node into the list. |
| * + protected void | * + AbstractLinkedList.[addNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#addNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> nodeToInsert, [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> insertBeforeNode) Inserts a new node into the list. |
| * + protected void | * + CursorableLinkedList.[addNode](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html#addNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> nodeToInsert, [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> insertBeforeNode) Inserts a new node into the list. |
| * + protected void | * + CursorableLinkedList.[addNode](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html#addNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> nodeToInsert, [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> insertBeforeNode) Inserts a new node into the list. |
| * + protected void | * + AbstractLinkedList.[addNodeAfter](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#addNodeAfter-org.apache.commons.collections4.list.AbstractLinkedList.Node-E-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> node, [E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html) value) Creates a new node with the specified object as its value and inserts it after node. |
| * + protected void | * + AbstractLinkedList.[addNodeBefore](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#addNodeBefore-org.apache.commons.collections4.list.AbstractLinkedList.Node-E-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> node, [E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html) value) Creates a new node with the specified object as its value and inserts it before node. |
| * + protected void | * + NodeCachingLinkedList.[addNodeToCache](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html#addNodeToCache-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html)> node) Adds a node to the cache, if the cache isn't full. |
| * + protected void | * + CursorableLinkedList.[broadcastNodeChanged](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html#broadcastNodeChanged-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> node) Informs all of my registered cursors that the specified element was changed. |
| * + protected void | * + CursorableLinkedList.[broadcastNodeInserted](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html#broadcastNodeInserted-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> node) Informs all of my registered cursors that the specified element was just added to my list. |
| * + protected void | * + CursorableLinkedList.[broadcastNodeRemoved](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html#broadcastNodeRemoved-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> node) Informs all of my registered cursors that the specified element was just removed from my list. |
| * + protected void | * + CursorableLinkedList.Cursor.[nodeChanged](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.Cursor.html#nodeChanged-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.Cursor.html)> node) Handle event from the list when a node has changed. |
| * + protected void | * + CursorableLinkedList.Cursor.[nodeInserted](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.Cursor.html#nodeInserted-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.Cursor.html)> node) Handle event from the list when a node has been added. |
| * + protected void | * + CursorableLinkedList.Cursor.[nodeRemoved](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.Cursor.html#nodeRemoved-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.Cursor.html)> node) Handle event from the list when a node has been removed. |
| * + protected void | * + AbstractLinkedList.[removeNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#removeNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> node) Removes the specified node from the list. |
| * + protected void | * + CursorableLinkedList.[removeNode](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html#removeNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> node) Removes the specified node from the list. |
| * + protected void | * + NodeCachingLinkedList.[removeNode](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html#removeNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/NodeCachingLinkedList.html)> node) Removes the node from the list, storing it in the cache for reuse if the cache is not yet full. |
| * + protected void | * + AbstractLinkedList.Node.[setNextNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html#setNextNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> next) Sets the next node. |
| * + protected void | * + AbstractLinkedList.Node.[setPreviousNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html#setPreviousNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> previous) Sets the previous node. |
| * + protected void | * + AbstractLinkedList.[updateNode](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html#updateNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-E-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html)> node, [E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.html) value) Updates the node with a new value. |
| * + protected void | * + CursorableLinkedList.[updateNode](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html#updateNode-org.apache.commons.collections4.list.AbstractLinkedList.Node-E-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html)> node, [E](http://docs.google.com/org/apache/commons/collections4/list/CursorableLinkedList.html) value) Updates the node with a new value. |

* + Constructors in [org.apache.commons.collections4.list](http://docs.google.com/org/apache/commons/collections4/list/package-summary.html) with parameters of type [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)

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| * + Constructor and Description |
| * + [Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html#Node-org.apache.commons.collections4.list.AbstractLinkedList.Node-org.apache.commons.collections4.list.AbstractLinkedList.Node-E-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> previous, [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> next, [E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html) value) Constructs a new node. |
| * + [Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html#Node-org.apache.commons.collections4.list.AbstractLinkedList.Node-org.apache.commons.collections4.list.AbstractLinkedList.Node-E-)([AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> previous, [AbstractLinkedList.Node](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)<[E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html)> next, [E](http://docs.google.com/org/apache/commons/collections4/list/AbstractLinkedList.Node.html) value) Constructs a new node. |

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