| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BeanContextMembershipEvent.html) | [**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 CLASS**](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html)   [**NEXT CLASS**](http://docs.google.com/java/beans/beancontext/BeanContextMembershipListener.html) | [**FRAMES**](http://docs.google.com/index.html?java/beans/beancontext/BeanContextMembershipEvent.html)    [**NO FRAMES**](http://docs.google.com/BeanContextMembershipEvent.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#3znysh7) | [CONSTR](#3dy6vkm) | [METHOD](#1t3h5sf) | DETAIL: [FIELD](#3rdcrjn) | [CONSTR](#lnxbz9) | [METHOD](#44sinio) |

## **java.beans.beancontext**

Class BeanContextMembershipEvent

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [java.util.EventObject](http://docs.google.com/java/util/EventObject.html)  
 [java.beans.beancontext.BeanContextEvent](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html)  
 **java.beans.beancontext.BeanContextMembershipEvent**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html)

public class **BeanContextMembershipEvent**extends [BeanContextEvent](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html)

A BeanContextMembershipEvent encapsulates the list of children added to, or removed from, the membership of a particular BeanContext. An instance of this event is fired whenever a successful add(), remove(), retainAll(), removeAll(), or clear() is invoked on a given BeanContext instance. Objects interested in receiving events of this type must implement the BeanContextMembershipListener interface, and must register their intent via the BeanContext's addBeanContextMembershipListener(BeanContextMembershipListener bcml) method.

**Since:** 1.2 **See Also:**[BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html), [BeanContextEvent](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html), [BeanContextMembershipListener](http://docs.google.com/java/beans/beancontext/BeanContextMembershipListener.html), [Serialized Form](http://docs.google.com/serialized-form.html#java.beans.beancontext.BeanContextMembershipEvent)

| **Field Summary** | |
| --- | --- |
| protected  [Collection](http://docs.google.com/java/util/Collection.html) | [**children**](http://docs.google.com/java/beans/beancontext/BeanContextMembershipEvent.html#children)            The list of children affected by this event notification. |

| **Fields inherited from class java.beans.beancontext.**[**BeanContextEvent**](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html) |
| --- |
| [propagatedFrom](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html#propagatedFrom) |

| **Fields inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [source](http://docs.google.com/java/util/EventObject.html#source) |

| **Constructor Summary** | |
| --- | --- |
| [**BeanContextMembershipEvent**](http://docs.google.com/java/beans/beancontext/BeanContextMembershipEvent.html#BeanContextMembershipEvent(java.beans.beancontext.BeanContext,%20java.util.Collection))([BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) bc, [Collection](http://docs.google.com/java/util/Collection.html) changes)            Contruct a BeanContextMembershipEvent |
| [**BeanContextMembershipEvent**](http://docs.google.com/java/beans/beancontext/BeanContextMembershipEvent.html#BeanContextMembershipEvent(java.beans.beancontext.BeanContext,%20java.lang.Object%5B%5D))([BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) bc, [Object](http://docs.google.com/java/lang/Object.html)[] changes)            Contruct a BeanContextMembershipEvent |

| **Method Summary** | |
| --- | --- |
| boolean | [**contains**](http://docs.google.com/java/beans/beancontext/BeanContextMembershipEvent.html#contains(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) child)            Is the child specified affected by the event? |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | [**iterator**](http://docs.google.com/java/beans/beancontext/BeanContextMembershipEvent.html#iterator())()            Gets the array of children affected by this event. |
| int | [**size**](http://docs.google.com/java/beans/beancontext/BeanContextMembershipEvent.html#size())()            Gets the number of children affected by the notification. |
| [Object](http://docs.google.com/java/lang/Object.html)[] | [**toArray**](http://docs.google.com/java/beans/beancontext/BeanContextMembershipEvent.html#toArray())()            Gets the array of children affected by this event. |

| **Methods inherited from class java.beans.beancontext.**[**BeanContextEvent**](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html) |
| --- |
| [getBeanContext](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html#getBeanContext()), [getPropagatedFrom](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html#getPropagatedFrom()), [isPropagated](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html#isPropagated()), [setPropagatedFrom](http://docs.google.com/java/beans/beancontext/BeanContextEvent.html#setPropagatedFrom(java.beans.beancontext.BeanContext)) |

| **Methods inherited from class java.util.**[**EventObject**](http://docs.google.com/java/util/EventObject.html) |
| --- |
| [getSource](http://docs.google.com/java/util/EventObject.html#getSource()), [toString](http://docs.google.com/java/util/EventObject.html#toString()) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Field Detail** |
| --- |

### children

protected [Collection](http://docs.google.com/java/util/Collection.html) **children**

The list of children affected by this event notification.

| **Constructor Detail** |
| --- |

### BeanContextMembershipEvent

public **BeanContextMembershipEvent**([BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) bc,  
 [Collection](http://docs.google.com/java/util/Collection.html) changes)

Contruct a BeanContextMembershipEvent

**Parameters:**bc - The BeanContext sourcechanges - The Children affected **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if changes is null

### BeanContextMembershipEvent

public **BeanContextMembershipEvent**([BeanContext](http://docs.google.com/java/beans/beancontext/BeanContext.html) bc,  
 [Object](http://docs.google.com/java/lang/Object.html)[] changes)

Contruct a BeanContextMembershipEvent

**Parameters:**bc - The BeanContext sourcechanges - The Children effected **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if changes associated with this event are null.

| **Method Detail** |
| --- |

### size

public int **size**()

Gets the number of children affected by the notification.

**Returns:**the number of children affected by the notification

### contains

public boolean **contains**([Object](http://docs.google.com/java/lang/Object.html) child)

Is the child specified affected by the event?

**Returns:**true if affected, false if not

### toArray

public [Object](http://docs.google.com/java/lang/Object.html)[] **toArray**()

Gets the array of children affected by this event.

**Returns:**the array of children affected

### iterator

public [Iterator](http://docs.google.com/java/util/Iterator.html) **iterator**()

Gets the array of children affected by this event.

**Returns:**the array of children effected

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/BeanContextMembershipEvent.html) | [**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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