| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanServerBuilder.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/javax/management/MBeanServer.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/MBeanServerConnection.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/MBeanServerBuilder.html)    [**NO FRAMES**](http://docs.google.com/MBeanServerBuilder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.management**

Class MBeanServerBuilder

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.management.MBeanServerBuilder**

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

This class represents a builder that creates a default [MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) implementation. The JMX [MBeanServerFactory](http://docs.google.com/javax/management/MBeanServerFactory.html) allows applications to provide their custom MBeanServer implementation by providing a subclass of this class.

**Since:** 1.5 **See Also:**[MBeanServer](http://docs.google.com/javax/management/MBeanServer.html), [MBeanServerFactory](http://docs.google.com/javax/management/MBeanServerFactory.html)

| **Constructor Summary** | |
| --- | --- |
| [**MBeanServerBuilder**](http://docs.google.com/javax/management/MBeanServerBuilder.html#MBeanServerBuilder())()            Public default constructor. |

| **Method Summary** | |
| --- | --- |
| [MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) | [**newMBeanServer**](http://docs.google.com/javax/management/MBeanServerBuilder.html#newMBeanServer(java.lang.String,%20javax.management.MBeanServer,%20javax.management.MBeanServerDelegate))([String](http://docs.google.com/java/lang/String.html) defaultDomain, [MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) outer, [MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html) delegate)            This method creates a new MBeanServer implementation object. |
| [MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html) | [**newMBeanServerDelegate**](http://docs.google.com/javax/management/MBeanServerBuilder.html#newMBeanServerDelegate())()            This method creates a new MBeanServerDelegate for a new MBeanServer. |

| **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()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [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)) |

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

### MBeanServerBuilder

public **MBeanServerBuilder**()

Public default constructor.

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

### newMBeanServerDelegate

public [MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html) **newMBeanServerDelegate**()

This method creates a new MBeanServerDelegate for a new MBeanServer. When creating a new MBeanServer the [MBeanServerFactory](http://docs.google.com/javax/management/MBeanServerFactory.html) first calls this method in order to create a new MBeanServerDelegate.

Then it calls newMBeanServer(defaultDomain,outer,delegate) passing the delegate that should be used by the MBeanServer implementation.

Note that the passed delegate might not be directly the MBeanServerDelegate that was returned by this method. It could be, for instance, a new object wrapping the previously returned object.

**Returns:**A new [MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html).

### newMBeanServer

public [MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) **newMBeanServer**([String](http://docs.google.com/java/lang/String.html) defaultDomain,  
 [MBeanServer](http://docs.google.com/javax/management/MBeanServer.html) outer,  
 [MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html) delegate)

This method creates a new MBeanServer implementation object. When creating a new MBeanServer the [MBeanServerFactory](http://docs.google.com/javax/management/MBeanServerFactory.html) first calls newMBeanServerDelegate() in order to obtain a new [MBeanServerDelegate](http://docs.google.com/javax/management/MBeanServerDelegate.html) for the new MBeanServer. Then it calls newMBeanServer(defaultDomain,outer,delegate) passing the delegate that should be used by the MBeanServer implementation.

Note that the passed delegate might not be directly the MBeanServerDelegate that was returned by this implementation. It could be, for instance, a new object wrapping the previously returned delegate.

The outer parameter is a pointer to the MBeanServer that should be passed to the [MBeanRegistration](http://docs.google.com/javax/management/MBeanRegistration.html) interface when registering MBeans inside the MBeanServer. If outer is null, then the MBeanServer implementation must use its own this reference when invoking the [MBeanRegistration](http://docs.google.com/javax/management/MBeanRegistration.html) interface.

This makes it possible for a MBeanServer implementation to wrap another MBeanServer implementation, in order to implement, e.g, security checks, or to prevent access to the actual MBeanServer implementation by returning a pointer to a wrapping object.

**Parameters:**defaultDomain - Default domain of the new MBeanServer.outer - A pointer to the MBeanServer object that must be passed to the MBeans when invoking their [MBeanRegistration](http://docs.google.com/javax/management/MBeanRegistration.html) interface.delegate - A pointer to the MBeanServerDelegate associated with the new MBeanServer. The new MBeanServer must register this MBean in its MBean repository. **Returns:**A new private implementation of an MBeanServer.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/MBeanServerBuilder.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/javax/management/MBeanServer.html)   [**NEXT CLASS**](http://docs.google.com/javax/management/MBeanServerConnection.html) | [**FRAMES**](http://docs.google.com/index.html?javax/management/MBeanServerBuilder.html)    [**NO FRAMES**](http://docs.google.com/MBeanServerBuilder.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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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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