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

## **javax.management.remote**

Interface JMXConnectorProvider

public interface **JMXConnectorProvider**

A provider for creating JMX API connector clients using a given protocol. Instances of this interface are created by [JMXConnectorFactory](http://docs.google.com/javax/management/remote/JMXConnectorFactory.html) as part of its [newJMXConnector](http://docs.google.com/javax/management/remote/JMXConnectorFactory.html#newJMXConnector(javax.management.remote.JMXServiceURL,%20java.util.Map)) method.

**Since:** 1.5

| **Method Summary** | |
| --- | --- |
| [JMXConnector](http://docs.google.com/javax/management/remote/JMXConnector.html) | [**newJMXConnector**](http://docs.google.com/javax/management/remote/JMXConnectorProvider.html#newJMXConnector(javax.management.remote.JMXServiceURL,%20java.util.Map))([JMXServiceURL](http://docs.google.com/javax/management/remote/JMXServiceURL.html) serviceURL, [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),?> environment)            Creates a new connector client that is ready to connect to the connector server at the given address. |

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

### newJMXConnector

[JMXConnector](http://docs.google.com/javax/management/remote/JMXConnector.html) **newJMXConnector**([JMXServiceURL](http://docs.google.com/javax/management/remote/JMXServiceURL.html) serviceURL,  
 [Map](http://docs.google.com/java/util/Map.html)<[String](http://docs.google.com/java/lang/String.html),?> environment)  
 throws [IOException](http://docs.google.com/java/io/IOException.html)

Creates a new connector client that is ready to connect to the connector server at the given address. Each successful call to this method produces a different JMXConnector object.

**Parameters:**serviceURL - the address of the connector server to connect to.environment - a read-only Map containing named attributes to determine how the connection is made. Keys in this map must be Strings. The appropriate type of each associated value depends on the attribute.

**Returns:**a JMXConnector representing the new connector client. Each successful call to this method produces a different object. **Throws:** [NullPointerException](http://docs.google.com/java/lang/NullPointerException.html) - if serviceURL or environment is null. [IOException](http://docs.google.com/java/io/IOException.html) - It is recommended for a provider implementation to throw MalformedURLException if the protocol in the serviceURL is not recognized by this provider, JMXProviderException if this is a provider for the protocol in serviceURL but it cannot be used for some reason or any other IOException if the connection cannot be made because of a communication problem.

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

[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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