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

## **javax.sql**

Interface XADataSource

**All Superinterfaces:** [CommonDataSource](http://docs.google.com/javax/sql/CommonDataSource.html)

public interface **XADataSource**extends [CommonDataSource](http://docs.google.com/javax/sql/CommonDataSource.html)

A factory for XAConnection objects that is used internally. An object that implements the XADataSource interface is typically registered with a naming service that uses the Java Naming and Directory InterfaceTM (JNDI).

**Since:** 1.4

| **Method Summary** | |
| --- | --- |
| [XAConnection](http://docs.google.com/javax/sql/XAConnection.html) | [**getXAConnection**](http://docs.google.com/javax/sql/XADataSource.html#getXAConnection())()            Attempts to establish a physical database connection that can be used in a distributed transaction. |
| [XAConnection](http://docs.google.com/javax/sql/XAConnection.html) | [**getXAConnection**](http://docs.google.com/javax/sql/XADataSource.html#getXAConnection(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) user, [String](http://docs.google.com/java/lang/String.html) password)            Attempts to establish a physical database connection, using the given user name and password. |

| **Methods inherited from interface javax.sql.**[**CommonDataSource**](http://docs.google.com/javax/sql/CommonDataSource.html) |
| --- |
| [getLoginTimeout](http://docs.google.com/javax/sql/CommonDataSource.html#getLoginTimeout()), [getLogWriter](http://docs.google.com/javax/sql/CommonDataSource.html#getLogWriter()), [setLoginTimeout](http://docs.google.com/javax/sql/CommonDataSource.html#setLoginTimeout(int)), [setLogWriter](http://docs.google.com/javax/sql/CommonDataSource.html#setLogWriter(java.io.PrintWriter)) |

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

### getXAConnection

[XAConnection](http://docs.google.com/javax/sql/XAConnection.html) **getXAConnection**()  
 throws [SQLException](http://docs.google.com/java/sql/SQLException.html)

Attempts to establish a physical database connection that can be used in a distributed transaction.

**Returns:**an XAConnection object, which represents a physical connection to a data source, that can be used in a distributed transaction **Throws:** [SQLException](http://docs.google.com/java/sql/SQLException.html) - if a database access error occurs [SQLFeatureNotSupportedException](http://docs.google.com/java/sql/SQLFeatureNotSupportedException.html) - if the JDBC driver does not support this method**Since:** 1.4

### getXAConnection

[XAConnection](http://docs.google.com/javax/sql/XAConnection.html) **getXAConnection**([String](http://docs.google.com/java/lang/String.html) user,  
 [String](http://docs.google.com/java/lang/String.html) password)  
 throws [SQLException](http://docs.google.com/java/sql/SQLException.html)

Attempts to establish a physical database connection, using the given user name and password. The connection that is returned is one that can be used in a distributed transaction.

**Parameters:**user - the database user on whose behalf the connection is being madepassword - the user's password **Returns:**an XAConnection object, which represents a physical connection to a data source, that can be used in a distributed transaction **Throws:** [SQLException](http://docs.google.com/java/sql/SQLException.html) - if a database access error occurs [SQLFeatureNotSupportedException](http://docs.google.com/java/sql/SQLFeatureNotSupportedException.html) - if the JDBC driver does not support this method**Since:** 1.4

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

[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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