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

## **javax.sql**

Interface CommonDataSource

**All Known Subinterfaces:** [ConnectionPoolDataSource](http://docs.google.com/javax/sql/ConnectionPoolDataSource.html), [DataSource](http://docs.google.com/javax/sql/DataSource.html), [XADataSource](http://docs.google.com/javax/sql/XADataSource.html)

public interface **CommonDataSource**

Interface that defines the methods which are common between DataSource, XADataSource and ConnectionPoolDataSource.

| **Method Summary** | |
| --- | --- |
| int | [**getLoginTimeout**](http://docs.google.com/javax/sql/CommonDataSource.html#getLoginTimeout())()            Gets the maximum time in seconds that this data source can wait while attempting to connect to a database. |
| [PrintWriter](http://docs.google.com/java/io/PrintWriter.html) | [**getLogWriter**](http://docs.google.com/javax/sql/CommonDataSource.html#getLogWriter())()            Retrieves the log writer for this DataSource object. |
| void | [**setLoginTimeout**](http://docs.google.com/javax/sql/CommonDataSource.html#setLoginTimeout(int))(int seconds)            Sets the maximum time in seconds that this data source will wait while attempting to connect to a database. |
| void | [**setLogWriter**](http://docs.google.com/javax/sql/CommonDataSource.html#setLogWriter(java.io.PrintWriter))([PrintWriter](http://docs.google.com/java/io/PrintWriter.html) out)            Sets the log writer for this DataSource object to the given java.io.PrintWriter object. |

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

### getLogWriter

[PrintWriter](http://docs.google.com/java/io/PrintWriter.html) **getLogWriter**()  
 throws [SQLException](http://docs.google.com/java/sql/SQLException.html)

Retrieves the log writer for this DataSource object.

The log writer is a character output stream to which all logging and tracing messages for this data source will be printed. This includes messages printed by the methods of this object, messages printed by methods of other objects manufactured by this object, and so on. Messages printed to a data source specific log writer are not printed to the log writer associated with the java.sql.DriverManager class. When a DataSource object is created, the log writer is initially null; in other words, the default is for logging to be disabled.

**Returns:**the log writer for this data source or null if logging is disabled **Throws:** [SQLException](http://docs.google.com/java/sql/SQLException.html) - if a database access error occurs**Since:** 1.4 **See Also:**[setLogWriter(java.io.PrintWriter)](http://docs.google.com/javax/sql/CommonDataSource.html#setLogWriter(java.io.PrintWriter))

### setLogWriter

void **setLogWriter**([PrintWriter](http://docs.google.com/java/io/PrintWriter.html) out)  
 throws [SQLException](http://docs.google.com/java/sql/SQLException.html)

Sets the log writer for this DataSource object to the given java.io.PrintWriter object.

The log writer is a character output stream to which all logging and tracing messages for this data source will be printed. This includes messages printed by the methods of this object, messages printed by methods of other objects manufactured by this object, and so on. Messages printed to a data source- specific log writer are not printed to the log writer associated with the java.sql.DriverManager class. When a DataSource object is created the log writer is initially null; in other words, the default is for logging to be disabled.

**Parameters:**out - the new log writer; to disable logging, set to null **Throws:** [SQLException](http://docs.google.com/java/sql/SQLException.html) - if a database access error occurs**Since:** 1.4 **See Also:**[getLogWriter()](http://docs.google.com/javax/sql/CommonDataSource.html#getLogWriter())

### setLoginTimeout

void **setLoginTimeout**(int seconds)  
 throws [SQLException](http://docs.google.com/java/sql/SQLException.html)

Sets the maximum time in seconds that this data source will wait while attempting to connect to a database. A value of zero specifies that the timeout is the default system timeout if there is one; otherwise, it specifies that there is no timeout. When a DataSource object is created, the login timeout is initially zero.

**Parameters:**seconds - the data source login time limit **Throws:** [SQLException](http://docs.google.com/java/sql/SQLException.html) - if a database access error occurs.**Since:** 1.4 **See Also:**[getLoginTimeout()](http://docs.google.com/javax/sql/CommonDataSource.html#getLoginTimeout())

### getLoginTimeout

int **getLoginTimeout**()  
 throws [SQLException](http://docs.google.com/java/sql/SQLException.html)

Gets the maximum time in seconds that this data source can wait while attempting to connect to a database. A value of zero means that the timeout is the default system timeout if there is one; otherwise, it means that there is no timeout. When a DataSource object is created, the login timeout is initially zero.

**Returns:**the data source login time limit **Throws:** [SQLException](http://docs.google.com/java/sql/SQLException.html) - if a database access error occurs.**Since:** 1.4 **See Also:**[setLoginTimeout(int)](http://docs.google.com/javax/sql/CommonDataSource.html#setLoginTimeout(int))

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