

Basic java.sql Package Class Reference

B1: Date Class Methods

All Date Class Methods are shown in Table B.1.

Table B.1 Methods defined in the Date Class

Method	Function
toString()	Returns a String containing the date in the format “yyyy-mm-dd”
valueOf(String date)	Convert a String from the format “yyyy-mm-dd” to a Date object

B2: DriverManager Class Methods

Most DriverManager Class Methods are shown in Table B.2.

Table B.2 Methods defined in the DriverManager class

Method	Function
deregisterDriver(Driver dr)	Remove a Driver from the driver list
getConnection(String url, Properties login)	Attempt to establish a connection to the referenced database
getConnection(String url, String user, String pswd)	Attempt to establish a connection to the referenced database
getConnection(String url)	Attempt to establish a connection to the referenced database
getDriver(String url)	Locate an appropriate driver for the referenced URL from the driver list
getDrivers()	Get a list of all drivers currently loaded and registered
getLoginTimeout()	Get the maximum time (in seconds) a driver will wait for a connection
getLogStream()	Get the current PrintStream being used by the DriverManager
println(String msg)	Print a message to the current LogStream
registerDriver(Driver dr)	Add the driver to the driver list. This is normally done automatically when the driver is instantiated
setLoginTimeout(int seconds)	Set the maximum time (in seconds) that a driver can wait when attempting to connect to a database before giving up
setLogStream(PrintStream out)	Set the PrintStream to direct logging message to

B3: Time Class Methods

All Time Class Methods are shown in Table B.3.

Table B.3 Methods defined in the Time Class

Method	Function
toString()	Returns a String containing the time in the format “hh-mm-ss”
valueOf(String time)	Convert a String from the format “hh-mm-ss” to a Time object

B4: Timestamp Class Methods

All Timestamp Class Methods are shown in Table B.4.

Table B.4 Methods defined in the Timestamp Class

Method	Function
toString()	Returns a String containing the timestamp in the format “yyyy-mm-dd hh-mm-ss”
valueOf(String timestamp)	Convert a String from the format “yyyy-mm-dd hh-mm-ss” to a Timestamp object