| | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/ComicStrip.html)   [**NEXT CLASS**](http://docs.google.com/Deer.html) | [**FRAMES**](http://docs.google.com/index.html?DatabaseManager.html)    [**NO FRAMES**](http://docs.google.com/DatabaseManager.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## Class DatabaseManager

[java.lang.Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true)  
 **DatabaseManager**

public class **DatabaseManager**extends [Object](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true)

Class that handles the connection with the database

| **Constructor Summary** | |
| --- | --- |
| [**DatabaseManager**](http://docs.google.com/DatabaseManager.html#DatabaseManager(java.lang.String,%20java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) driver, [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) url)            Constructor that takes the driver name and url |

| **Method Summary** | |
| --- | --- |
| [List](http://java.sun.com/javase/6/docs/api/java/util/List.html?is-external=true) | [**getListForQuery**](http://docs.google.com/DatabaseManager.html#getListForQuery(java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) query)            Method to execute a query and return a list of strings for the first returned row |
| [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) | [**getStringForQuery**](http://docs.google.com/DatabaseManager.html#getStringForQuery(java.lang.String))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) query)            Method to execute a query and return a string of the first result |
| static void | [**main**](http://docs.google.com/DatabaseManager.html#main(java.lang.String%5B%5D))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true)[] args) |
| void | [**testConnection**](http://docs.google.com/DatabaseManager.html#testConnection())()            Method for testing the connection |
| void | [**testQuery**](http://docs.google.com/DatabaseManager.html#testQuery(java.lang.String,%20int))([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) query, int numCols)            Method to test a query and print the results |

| **Methods inherited from class java.lang.**[**Object**](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true) |
| --- |
| [clone](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#clone()), [equals](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#equals(java.lang.Object)), [finalize](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#finalize()), [getClass](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#getClass()), [hashCode](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#hashCode()), [notify](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#notify()), [notifyAll](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#notifyAll()), [toString](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#toString()), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait()), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait(long)), [wait](http://java.sun.com/javase/6/docs/api/java/lang/Object.html?is-external=true#wait(long,%20int)) |

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

### DatabaseManager

public **DatabaseManager**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) driver,  
 [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) url)

Constructor that takes the driver name and url

**Parameters:**driver - the class that communicates with the databaseurl - the url of the database as a string

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

### testConnection

public void **testConnection**()

Method for testing the connection

### testQuery

public void **testQuery**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) query,  
 int numCols)

Method to test a query and print the results

**Parameters:**query - the query to executenumCols - the number of columns in the result

### getStringForQuery

public [String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) **getStringForQuery**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) query)

Method to execute a query and return a string of the first result

**Parameters:**query - the query to execute **Returns:**the first result of the query, or null if none

### getListForQuery

public [List](http://java.sun.com/javase/6/docs/api/java/util/List.html?is-external=true) **getListForQuery**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true) query)

Method to execute a query and return a list of strings for the first returned row

**Parameters:**query - the query to execute **Returns:**list of strings for the data in the first returned row, the list may be empty

### main

public static void **main**([String](http://java.sun.com/javase/6/docs/api/java/lang/String.html?is-external=true)[] args)

| | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-all.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | | |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/ComicStrip.html)   [**NEXT CLASS**](http://docs.google.com/Deer.html) | [**FRAMES**](http://docs.google.com/index.html?DatabaseManager.html)    [**NO FRAMES**](http://docs.google.com/DatabaseManager.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |