

NAME

DBUtil

SYNOPSIS

```
use DBUtil;

use DBUtil qw(:all);
```

DESCRIPTION

DBUtil module provides the following functions:

DBConnect, DBDisconnect, DBFetchSchemaTableNames, DBSQLToTextFile, DBSetupDescribeSQL, DBSetupSelectSQL

DBUtil package uses Perl DBI for interacting with MySQL Oracle, and PostgreSQL databases.

FUNCTIONS

DBConnect

```
$DBHandle = DBConnect($DBDriver, $DBName, $DBHost, $DBUser, $DBPassword);
```

Connects to a database using specified parameters and returns a *DBHandle*.

DBDisconnect

```
DBDisconnect($DBHandle);
```

Disconnects from a database specified by *DBHandle*.

DBFetchSchemaTableNames

```
@SchemaTableNames = DBFetchSchemaTableNames($DBDriver, $DBHandle,
                                              $SchemaName);
```

Returns an array of all the table names in a database *SchemaName*.

DBSetupDescribeSQL

```
$DescribeSQL = DBSetupDescribeSQL($DBDriver, $TableName, [$SchemaName]);
```

Sets up and returns a SQL statement to describe a table for MySQL, Oracle or PostgreSQL.

DBSetupSelectSQL

```
$SelectSQL = DBSetupSelectSQL($DBDriver, $TableName, $SchemaName);
```

Sets up and returns a SQL statement to retrieve all columns from a table for MySQL, Oracle, or PostgreSQL.

DBSQLToTextFile

```
$Status = DBSQLToTextFile($DBHandle, $SQL, \*TEXTFILE, $OutDelim,
                          $OutQuote, [$ExportDataLabels, $ExportLOBs,
                          $ReplaceNullStr]);
```

Executes a *SQL* statement and export all data into a text file.

AUTHOR

Manish Sud <msud@san.rr.com>

COPYRIGHT

Copyright (C) 2018 Manish Sud. All rights reserved.

This file is part of MayaChemTools.

MayaChemTools is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version.