

Standard-Connection

```
<?php
$host="localhost";
$user="";
$password="";
$db="";
$verbindung = mysql_connect ($host,$user, $password) or die (
"keine Verbindung zur Datenbank moeglich.");
mysql_select_db($db) or die ("Die Datenbank existiert nicht.");
?>
```

Query-Function

```
<?php
//ich zähle gerne die abfragen
$db_queries=0;
function db_query($query){
global $db_queries, $db_conn;
$result=mysql_query($query);
$db_queries++;
if(mysql_error()){
echo "<b>".$query."</b><br>\n".mysql_error();
$result=null;
}
return $result;
}
?>
```

Connection als Klasse

```
require_once('MysqlConnector.php');
$mysqlConnector = new MysqlConnector();
$mysqlConnector->PushData($server, $database, $username, $password);
$mysqlConnector->Open();
$result=$mysqlConnector->Query(
"SELECT * FROM Tabellename WHERE irgendwas IS NULL;");
$mysqlConnector->Close();
```

MysqlConnector.php

```
<?php
class
```

```

MysqlConnector    {
    var $db_connection = null;           // Database connection string
    var $db_server = null;               // Database server
    var $db_database = null;             // The database being connected to
    var $db_username = null;             // The database username
    var $db_password = null;             // The database password
    var $CONNECTED = false;
// Determines if connection is established

/** NewConnection Method
    * This method establishes a new connection to the database. */
    public function PushData($server, $database, $username, $password)
    {
        // Assign variables
        global $db_connection, $db_server, $db_database, $db_username,
$db_password;
        $db_server = $server;
        $db_database = $database;
        $db_username = $username;
        $db_password = $password;
    }

/** Open Method
    * This method opens the database connection (only call if closed!) */
    public function Open()
    {
        global $db_connection, $db_server, $db_database, $db_username,
$db_password, $CONNECTED;
        if (!$CONNECTED)
        {
            try
            {
                $db_connection = mysql_connect ($db_server, $db_username
, $db_password);
                mysql_select_db ($db_database);
                if (!$db_connection)
                {
                    throw new Exception(
'MySQL Connection Database Error: ' . mysql_error());
                }
            }
            else
            {
                $CONNECTED = true;
            }
        }
        catch (Exception $e)
        {
            echo $e->GetMessage();
        }
    }

```

```

        }
        else
        {
            return
        }
    }
    "Error: No connection has been established to the database. Cannot open connect
;
}

/** Close Method
    * This method closes the connection to the MySQL Database */
public function Close()
{
    global $db_connection, $CONNECTED;
    if ($CONNECTED)
    {
        mysql_close($db_connection);
        $CONNECTED = false;
    }
    else
    {
        return
    }
    "Error: No connection has been established to the database. Cannot close connect
;
}

/** Query Method
    * This method queries the Database with a given MySQL-String*/
public function Query($query)
{
    global $CONNECTED;
    if ($CONNECTED)
    {
        $result = mysql_query($query);
        if (!$result) {
            echo 'Could not run query: '.$query."<br>\n". mysql_error()
;
            exit;
        }else{
            return $result;
        }
    }else
    {
        return
    }
    "Error: No connection has been established to the database. Cannot query.";
}
}

```

```
}  
?>
```

Iteration über das Ergebnis

```
<?php  
while($row = mysql_fetch_row($result)){  
    echo row[0];  
}  
?>
```