HP Connect to the MySQL Server

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Use the PHP mysqli\_connect() function to open a new connection to the MySQL server.

Open a Connection to the MySQL Server

Before we can access data in a database, we must open a connection to the MySQL server.

In PHP, this is done with the mysqli\_connect() function.

Syntax

mysqli\_connect(host,username,password,dbname);

|  |  |
| --- | --- |
| **Parameter** | **Description** |
| host | Optional. Either a host name or an IP address |
| username | Optional. The MySQL user name |
| password | Optional. The password to log in with |
| dbname | Optional. The default database to be used when performing queries |

**Note:** There are more available parameters, but the ones listed above are the most important.

In the following example we store the connection in a variable ($con) for later use in the script:

<?php  
// Create connection  
$con=mysqli\_connect("example.com","peter","abc123","my\_db");  
  
// Check connection  
if (mysqli\_connect\_errno($con))  
  {  
  echo "Failed to connect to MySQL: " . mysqli\_connect\_error();  
  }  
?>

Close a Connection

The connection will be closed automatically when the script ends. To close the connection before, use the mysqli\_close() function:

<?php  
$con=mysqli\_connect("example.com","peter","abc123","my\_db");  
  
// Check connection  
if (mysqli\_connect\_errno($con))  
  {  
  echo "Failed to connect to MySQL: " . mysqli\_connect\_error();  
  }  
  
mysqli\_close($con);  
?>