

PHP MySQL UPDATE Query

In this tutorial you'll learn how to update the records in a MySQL table using PHP.

Updating Database Table Data

The **UPDATE** statement is used to change or modify the existing records in a database table. This statement is typically used in conjunction with the **WHERE** clause to apply the changes to only those records that matches specific criteria.

The basic syntax of the **UPDATE** statement can be given with:

```
UPDATE table_name SET column1=value,  
column2=value2,... WHERE column_name=some_value
```

Let's make a SQL query using the **UPDATE** statement and **WHERE** clause, after that we will execute this query through passing it to the PHP **mysqli_query()** function to update the tables records. Consider the following *persons* table inside the *demo* database:

id	first_name	last_name	email
1	Peter	Parker	peterparker@mail.com
2	John	Rambo	johnrambo@mail.com
3	Clark	Kent	clarkkent@mail.com
4	John	Carter	johncarter@mail.com
5	Harry	Potter	harrypotter@mail.com

The PHP code in the following example will update the email address of a person in the persons table whose *id* is equal to 1.

Example

Procedural

Object Oriented

PDO

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```
<?php  
/* Attempt MySQL server connection. Assuming you are running MySQL  
server with default setting (user 'root' with no password) */  
$link = mysqli_connect("localhost", "root", "", "demo");  
  
// Check connection  
if($link === false){  
    die("ERROR: Could not connect. " . mysqli_connect_error());  
}
```

```
// Attempt update query execution
$sql = "UPDATE persons SET email='peterparker_new@mail.com' WHERE
id=1";
if(mysqli_query($link, $sql)){
    echo "Records were updated successfully.";
} else {
    echo "ERROR: Could not able to execute $sql. " .
mysqli_error($link);
}

// Close connection
mysqli_close($link);
?>
```

After update the persons table will look something like this:

id	first_name	last_name	email
1	Peter	Parker	peterparker_new@mail.com
2	John	Rambo	johnrambo@mail.com
3	Clark	Kent	clarkkent@mail.com
4	John	Carter	johncarter@mail.com
5	Harry	Potter	harrypotter@mail.com

Warning: The WHERE clause in the UPDATE statement specifies which record or records should be updated. If you omit the WHERE clause, all records will be updated.