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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 conjugation 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 |
              Rambo
                       | johnrambo@mail.com
  2 John
 3 | Clark
              Kent
                       | clarkkent@mail.com
              Carter
                       | johncarter@mail.com |
| 4 | John
  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
                                                                             ± Download
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                         Object Oriented
                                      PDO
 1
 2
     /* Attempt MySQL server connection. Assuming you are running MySQL
 3
     server with default setting (user 'root' with no password) */
 4
     $link = mysqli_connect("localhost", "root", "", "demo");
 5
 6
     // Check connection
 7
     if($link === false){
          die("ERROR: Could not connect. " . mysqli_connect_error());
 8
 9
10
     // Attempt update query execution
11
12
     $sql = "UPDATE persons SET email='peterparker_new@mail.com' WHERE id=1";
13
     if(mysqli_query($link, $sql)){
          echo "Records were updated successfully.";
14
15
     } else {
16
          echo "ERROR: Could not able to execute $sql. " . mysqli_error($link);
17
18
19
     // Close connection
20
     mysqli_close($link);
```

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PHP Syntax

CSS3

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PHP GET and POST

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PHP File system

PHP Parsing Directories

PHP File Upload

PHP File Download

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PHP Sessions

PHP Send Email

PHP Form Handling

PHP Form Validation

PHP Filters

PHP Error Handling

PHP Classes and Objects

PHP Magic Constants

PHP JSON Parsing

PHP Regular Expressions

PHP Exception Handling

PHP & MySQL DATABASE

PHP MySQL Introduction

PHP MySQL Connect

PHP MySQL Create Database

PHP MySQL Create Table

PHP MySQL Insert

PHP MySQL Prepared

PHP MySQL Last Inserted ID

PHP MySQL Select

PHP MySQL Where

PHP MySQL Limit

PHP MySQL Order By

PHP MySQL Update PHP MySQL Delete

PHP MySQL CRUD Application

21

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В

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Q

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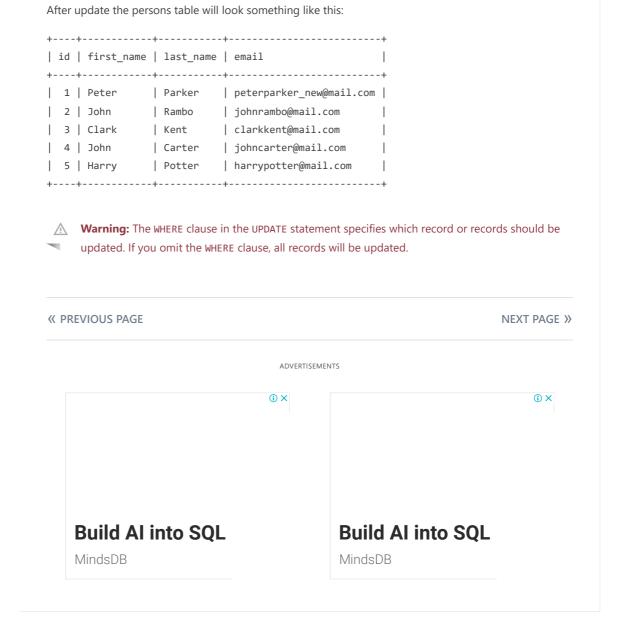
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