



PHP BASIC

- PHP Introduction
- PHP Getting Started
- PHP Syntax
- PHP Variables
- PHP Constants
- PHP Echo and Print
- PHP Data Types
- PHP Strings
- PHP Operators
- PHP If...Else
- PHP Switch...Case
- PHP Arrays
- PHP Sorting Arrays
- PHP Loops
- PHP Functions
- PHP Math Operations
- PHP GET and POST

PHP ADVANCED

- PHP Date and Time
 - PHP Include Files
 - PHP File system
 - PHP Parsing Directories
 - PHP File Upload
 - PHP File Download
 - PHP Cookies
 - 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

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PHP MySQL Introduction

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MySQL is the most popular database system used with the PHP language.

What is MySQL


MySQL is one of the most popular relational database system being used on the Web today. It is freely available and easy to install, however if you have installed Wampserver it already there on your machine. MySQL database server offers several advantages:

- MySQL is easy to use, yet extremely powerful, fast, secure, and scalable.
- MySQL runs on a wide range of operating systems, including UNIX or Linux, Microsoft Windows, Apple Mac OS X, and others.
- MySQL supports standard SQL (Structured Query Language).
- MySQL is ideal database solution for both small and large applications.
- MySQL is developed, and distributed by Oracle Corporation.
- MySQL includes data security layers that protect sensitive data from intruders.

MySQL database stores data into tables like other relational database. A table is a collection of related data, and it is divided into rows and columns.

Each row in a table represents a data record that are inherently connected to each other such as information related to a particular person, whereas each column represents a specific field such as *id*, *first_name*, *last_name*, *email*, etc. The structure of a simple MySQL table that contains person's general information may look something like this:

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

 **Tip:** Websites like Facebook, Twitter, Wikipedia uses MySQL for their storage need. So you can easily understand what MySQL is capable of.

Talking to MySQL Databases with SQL

SQL, the Structured Query Language, is a simple, standardized language for communicating with relational databases like MySQL. With SQL you can perform any database-related task, such as creating databases and tables, saving data in database tables, query a database for specific records, deleting and updating data in databases.

PHP EXAMPLES

- PHP Practice Examples
- PHP FAQ's Answers

PHP REFERENCE

- PHP String Functions
- PHP Array Functions
- PHP File System Functions
- PHP Date/Time Functions
- PHP Calendar Functions
- PHP MySQLi Functions
- PHP Filters
- PHP Error Levels

[More references](#)

Look at the following standard SQL query that returns the email address of a person whose first name is equal to 'Peter' in the *persons* table:

```
SELECT email FROM persons WHERE first_name="Peter"
```

If you execute the SQL query above it will return the following record:

peterparker@mail.com

To learn more about SQL, please checkout the [SQL tutorial](#) section.

[« PREVIOUS PAGE](#)

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