

PHP & MYSQL Developer

PHP&MySQL Developer course aims to give participants a powerful open platform, for creating database-driven websites. This PHP MySQL training is recommended for professionals and students who wish to learn web development and existing developers who want to expand their skill set. It lets professionals create dynamic web pages that readily interact with databases. This is a great benefit if you wish to build web based software applications.

Course Outline:

PHP

Introduction: Web Development with PHP. The architecture of a web application. Basic PHP skills to get data from a request. Work with data.

Control statements: Code the conditional expressions, the selection structures and the iteration structures.

Strings and Numbers: Work with strings and numbers. Other skills for working with strings and numbers.

Work with dates: Use timestamps to work with dates and use objects to work with dates

Create and use Arrays: Create and use an array. Create and use an associative array. How to use functions to work with arrays. How to work with array of arrays.

Create and use functions: Basic skills for working with functions. Create and use namespaces. Advanced skills for working with functions

Work with cookies and sessions: Work with cookies and sessions.

Work with form data: Get data from a form and display data on a web page.

Use regular expressions, handle exceptions, and validate data: How to use regular expressions. How to handle exceptions.

Design a database: How to design a data structure. How to normalize a data structure. A database design tool

MYSQL

Introduction: An introduction to relational database. The SQL statements for data manipulation. An introduction to MySQL. How to use php MyAdmin.

Use SQL to create a MySQL database: How to work with databases. How to work with tables. How to work with indexes. How to work with users and privileges. Other skills for creating a databases

Use SQL to work with a MySQL database: Select data from a single table? Select data from multiple tables? Code summary queries? How to code sub-queries. How to insert, update, and delete rows.

PHP for working with MySQL: Ways to use PHP to work with MySQL. How to work with PDO. How to work with mysql

PHP with a MySQL database: PHP for working with MySQL. How to get data from a result set
Working with PHP services: SOAP.REST

MVC pattern to organize your code: How to use the MVC pattern.

Object-oriented Programming concept with PHP: Create and use classes. How to code class constants, properties, and methods. Working with objects. How to work with inheritance

Test and debug a PHP application: An introduction to testing and debugging. How to debug with xDebug and Net beans

A database-driven web site: How to work with large text columns.

Create secure web sites: How to use a secure connection. How to use authentication. How to work with encrypted data.

Send email and access other web sites: How to send email. How to get data from other servers.

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