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**silicon
beach**
TRAINING

PHP MySQL

Duration: 2 days

Prerequisites

It is recommended that students be familiar with:

Hand coding HTML and web form design

SQL & Relational Database Design theory

Fundamental programming techniques, style and logic

This PHP MySQL training course will teach you about the scripting language written by and for web developers: PHP with MySQL is quick to learn, easy to deploy and provides many of the programming tools a web developer could wish for ... all in a single, free, cross-platform, open-source package.

Objectives

After this training course, delegates will:

- Get up to speed with tried-and-true programming strategies
- Gain valuable tips and tricks for using the PHP language and syntax.
- Step through relational database design, production and management
- Learn how to streamline PHP's interaction with MySQL, SQL, and relational databases
- Watch how PHP's sessions and cookies can be used to quickly build full-scale web applications
- Learn how to re-use code using functions and includes
- Glimpse at PHP's inner workings to understand how to build secure and performance conscience programs, including proper use of references, global variables and scope.

Course Content

First principles

Looks at the building blocks of PHP, examining data types, control structures, operators and arrays. Roll your own functions and learn about PHP's in-built function toolkit. Consider good practice in application design, program structure and coding. Adopt best practices in variable referencing and scope.

MySQL development

Get up to speed with relational theory. Design a database to support a real world task. Move on to choose appropriate MySQL data types, naming conventions and indexes for your database. Analyse the different strategies to access and manipulate data, from building Select, Insert, Delete and Update queries to Group By and multi-table statements. Use your learning in a real world context.

Sessions and Cookies

Compare different techniques of preserving state on a website. Use sessions and cookies to track users. Put learning into practice by building a user authentication application, enabling site visitors to log into a secure

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