

Asia OSS Master Trainers Workshop

Basic Course on Apache, MySQL and PHP

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Target Audience

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Course Outline

Objectives



- Understand what PHP is, what it can do, and how it works
- Identify to the components needed to run a PHP application (Apache Web Server, MySQL Database, PHP Scripting)
- Use PHP to host and/or test a web site

Objectives



- Familiarize with the basic programming constructs of PHP
- Retrieve and display data from directories and databases
- Build data driven and interactive pages;

Target Audience



Audience should at least have:

- Basic programming skills
- Knowledge in HTML
- Familiarity with basic database concepts

Level of Complexity: Basic to Intermediate

Duration



40 hours (5 days)

- 4 hours for Apache
- 8 hours for MySQL
- 24 hours for PHP
- 4 hours of handson
- exercise

Course Outline

1. Apache Web Server

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1. Apache Web Server

1.1

Overview

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Apache – Installation

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Running the Server

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Configuring Apache

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1. *Apache Web Server*

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Configuration PHP



1.6

Web Application – Drupal



1.7

Conclusion



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Exercise



1.1 Overview



1.1.1 Web Server

- A program that
 - Accepts HTTP request
 - Sends HTTP response
 - Serves document (mostly HTML)

1.1.1.1 Web Server Extensions

- Most web server support extensions
 - Extends HTTP functionalities
 - Added features
- SSL and TLS
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