

Basics of Web Development

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- As for web development, we are interested in the Client Server architecture

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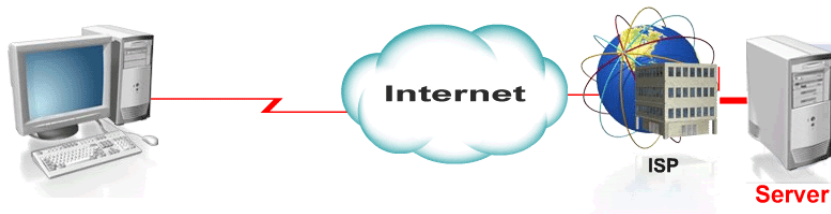
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Introduction

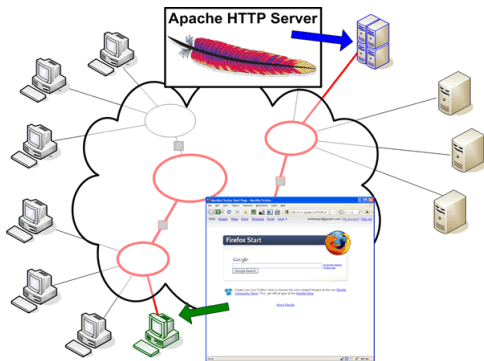
Client-Server Architecture





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Client-Server Architecture

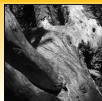




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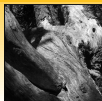
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- Programming Language Libraries (PHP, Python, Perl)
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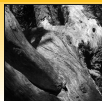
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What we need to be a web developer?

- HTML Basics
- CSS
- Knowledge of a programming language
- Creativity



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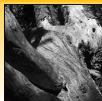
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Outline

- 1 Introduction
- 2 Setting up a Server**
- 3 Web Software Packages
- 4 Installing a Web Software
- 5 Tools
- 6 Registering a Website



Setting up a Server

How to Setup a Server

For development purposes, we can use the same system as both server and client.

In Linux (Debian based systems)

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apt-get update
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apt-get install apache2 mysql-server php5 phpmyadmin
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In Windows you can use XAMPP from <http://apachefriends.org/>



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Web Software Packages



Web Software Packages

Its now very rare to develop a website from scratch. Lots of helpful packages are available for free

- Content Management Systems (CMS)
- Blogs
- Image Galleries
- Forums
- Wikis
- etc



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Tools

Few Tools

- Firebug
- Web Developer
- Bluefish Editor
- FileZilla
- Multiple Browsers



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Registering a Website

Registering a Website

- Registering a domain name
- Web Space



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Thank You !

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