

# Basics of Web Development

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# How the web works?

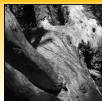
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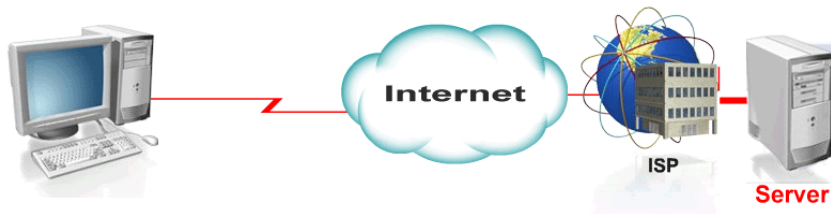
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## Introduction

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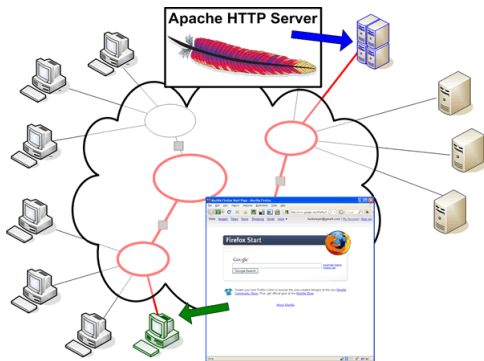
# Client-Server Architecture





## Introduction

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# What is there in a web server?

- A Web Server (apache)
- Database Server (MySQL/PGSQL)
- Programming Language Libraries (PHP, Python, Perl)
- LAMP is a popular acronym stands for Linux, Apache, MySQL, PHP/Python/Perl



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



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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

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# 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

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# 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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## Installing a Web Software

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## Tools

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# Few Tools

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



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## Registering a Website

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# Registering a Website

- Registering a domain name
- Web Space



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# Thank You !

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