WordPress Jump Start

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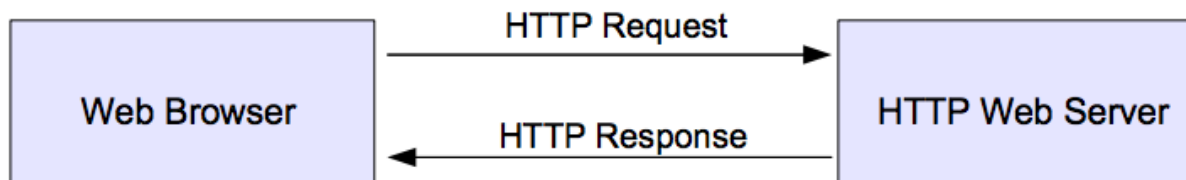
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The World Wide Web

- The internet is a world wide network of computers. Each computer has IP number.

- The web is composed of those computers on the internet that talk with each other using the HTTP protocol.

The World Wide Web

- HTML is a simple markup language. The web browser goes over the HTML tags and renders them to the screen.

- JavaScript is a the most popular programming language for writing code that runs on the web browser.

- PHP is the most popular programming language for writing code that runs on the server.

The Domain Names System

- The domain names system (DNS) is a naming system for computers, services and any other resource connected to the Internet.

- The domain names system associates various information with domain names assigned to each of the participating entities and is responsible for resolving queries for these names into IP addresses.

The Domain Names System

- Buying a domain is not forever. There is a yearly payment we should pay.

- You can find the list of the approved registrars for israeli domains (org.il, co.il etc) at www.isoc.org.il.

- There are many companies that specialize in domains registration (e.g. www.dynadot.com).

Hosting Services

- In the past, it was common to set up a server of our own. Today it is more common to work with a hosting service company (e.g. www.eapps.com). Some of these companies work in a cloud model.

The WordPress Project

- WordPress is a web application that was developed in PHP. It is an open source project.

- We can use WordPress in order to create websites and especially blogs.

- The installation of WordPress is a simple web based screens process. It feels exactly like installing a simple application on our desktop. The same with the ongoing maintenance of the website we create.

The WordPress Project

- We can easily configure our website with plugins in order to add new functionality.

- We can easily change the look & feel of our web site by changing the theme.

WordPress Mobile Themes

- We can find themes optimized for mobile telephones and tablets.

- We can use those themes when developing hybrid application for mobile telephones.

- Some of those themes adjust themselves to the screen size.

http://www.tripwiremagazine.com/2012/09/wordpress-mobile-theme.html

PHP Open Source Projects

"Open source is a development method for software that harnesses the power of distributed peer review and transparency of process. The promise of open source is better quality, higher reliability, more flexibility and lower cost" (The Open Source Initiative)

PHP Open Source Projects

Learning Management Systems

www.caroline.net

www.atutor.ca

www.moodle.org

www.ilias.de

www.edocebo.org

www.dokeos.com

PHP Open Source Projects

Enterprises Resources Planning

www.erp5.org

www.dolibarr.org

www.openpro.com

www.erp21.eu

www.weberp.org

open.mitija.com

PHP Open Source Projects

Customers Relationships Management

www.covide.net

xrms.sourceforge.com

www.sugarcrm.com

www.fireflyseo.com

www.civicrm.org

www.vtiger.com

PHP Open Source Projects

Content Management Systems

Self Learning Resources

- WordPress TV

  www.wordpress.tv

- Abelski Free Courses

  www.abelski.org

- Israeli Guide to PHP

  www.PHPBook.co.il

Questions & Answers

- Two courses you might find interesting include

  Android 4.1 Applications Development

  more info

  PHP Cross Platform Mobile Applications

  more info

- If you enjoyed my lecture please leave me a comment

  at http://speakermix.com/life-michael.

  Thanks for your time!

  Haim.

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