



LAMP

What is **LAMP**?

LAMP is an acronym for a combination of open source technologies often used for Web servers: **Linux**, **Apache**, **mySQL**, and **PHP**.

Linux



Linux, is popularly known as the "free" operating system. Well, it is, but rather, it is an "Open Source" operating system. Linux is also, the most widely used operating system on the internet. Here's a small excerpt from <http://www.linux.com/> about Linux.

So who does own Linux?

No one company "owns" Linux, which was developed, and is still being improved, by thousands of corporate-supported and volunteer programmers all over the world. Not even Linus Torvalds, who started the Linux ball rolling in 1991, "owns" Linux, which is licensed under the [General Public License](#) (GPL) so it can be freely modified and redistributed however you like, as long as you share any modifications you make to the Linux code base with all other Linux users and developers. (However, the trademark "Linux" is owned by [Linus Torvalds](#), so if you call something "Linux" it had better be Linux, not something else.)

To learn more about Linux history, and what Linux can and can't do for you, please visit our [What is Linux?](#) page.

MagNet has been using Linux since our inception and before. The team who founded MagNet, was into Linux, and we continue to focus our development efforts on Linux. We have also installed Linux servers for a lot of clients for various purposes.



Apache is the most popular web server today, with over 56% of market share. MagNet is proud to be working, and exploiting many features of Apache. Here's some introductory information about Apache, picked up from its website - <http://httpd.apache.org/>

What is the Apache HTTP Server Project?

The Apache Project is a collaborative software development effort aimed at creating a robust, commercial-grade, featureful, and freely-available source code implementation of an HTTP (Web) server. The project is jointly managed by a group of volunteers located around the world, using the Internet and the Web to communicate, plan, and develop the server and its related documentation. These volunteers are known as the Apache Group. In addition, hundreds of users have contributed ideas, code, and documentation to the project. This file is intended to briefly describe the history of the Apache Group and recognize the many contributors.

We use Apache in varying configurations - on the servers, on our local intranet server, on individual desktops in the Windows flavor, on multi-processor servers... All our web servers are powered by Apache. If we want, we add on another one after that!



<http://www.mysql.com>

MySQL is a database server that embodies an ingenious software architecture that maximizes speed and customizability. MySQL is unmatched in speed, compactness, stability and ease of deployment. The unique separation of the core server from the table handler makes it possible to run MySQL under strict transaction control or with ultrafast transactionless disk access, whichever is most appropriate for the situation.

Today MySQL is the most popular open source database server in the world with more than 2 million installations powering websites, data warehouses, business applications, logging systems and more. Customers such as Yahoo! Finance, MP3.com, Motorola, NASA, Silicon Graphics, and Texas Instruments use the MySQL server in mission-critical applications.

We have been working on MySQL and optimized operations for blazing fast performance. We have handled millions of records resulting in GBs of data size on MySQL along with PHP.

Checkout <http://www.mysql.com/> for more information.



<http://www.php.net>

PHP (PHP Hypertext Preprocessor) is a widely-used general-purpose scripting language that is especially suited for Web development and can be embedded into HTML. PHP is very powerful and can do all the things a web application may require and some more.

PHP has always been the core activity area for MagNet. We are working on it from the version 2. Our experience makes us say that: "If it is anything web, PHP can do it, and if it is PHP, MagNet is the right team to do it!" We invite you to take a look at our portfolio and see the projects we have done on PHP.

If you are new to PHP and want to get some idea of how it works, try the [introductory tutorial](#). After that, check out the online [manual](#), and the example archive sites and some of the other resources available in the [links section](#).

PHP is a project of the [Apache Software Foundation](#).

<Http://www.php.net/>

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