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PHP developers can use, alter and redistribute the source code without having to pay for the code as PHP is an open source project. PHP programmers originally named it as an abbreviation for Personal Home Page but later in accordance with the GNU convention it has been changed to Hypertext Preprocessor.

Reason for Using PHP

Any kind of platform can be used by a PHP programmer to build a website from the scratch but there are some key points the PHP developer has to understand before starting to build. They are:

â€¢ Hardware for the web server

â€¢ An operating system

â€¢ Web server software

â€¢ A database management system

â€¢ A programming or scripting system

Some of these choices are variable as the PHP developers developing website may build on a certain platform using a different tool.

A very huge advantage in using PHP is that the PHP developer developing a code base using it can develop it in a very portable way that it becomes a multi-platform friendly code.

Some Basic Advantages of PHP

Performance

For PHP programmers, performance is based on many aspects and the top most of those aspects is time. Using PHP the PHP developers can develop websites at a rapid pace. The process of PHP development can be done using a single server which will reduce the cost of development. The increased pace of developing enable the PHP programmers to develop more codes in less time.

Scalability

PHP is considered as a â€œshare-nothingâ€• architecture which is an interfaced platform which does not duplicate any of its components or entities which helps the PHP developers in decreasing in inconsistencies. This also enables the PHP developer developing the website can effectively and cost efficiently integrate horizontal scaling with large number of commodity servers.

Integration of Databases

PHP can be connected by PHP developers to many databases systems via native connections. In addition to MySQL a PHP programmer can use PostgreSQL, Oracle, dbm, FilePro, DB2, HyperWave, Informix, Interwave and Sybase database. The built-in SQL interface to a flat file called SQLite.

PHP Developers can use Open Database Connectivity Standard (ODBC) to connect to any database that provides an ODBC driver. Microsoft products are also included in this pack of drivers.

PHP programmers can also enable the use of an access abstraction layer called PHP Database Objects in addition to the native libraries contained by PHP. This layer provides the PHP programmers with consistent access and promotes secure coding practices.

Easily Learnable PHP

As the syntax of PHP is based on the various programming languages such as C and Perl, if a PHP programmer aspirant has knowledge of these languages then the PHP developer can become productive almost immediately.

These efficient advantages of PHP are the main reason for many PHP developers and PHP programmers to opt for PHP for developing their websites.

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