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**Implementation of Software and Technologies**

**MySQL**

**MySQL** is an Oracle-backed open source [relational database](https://searchdatamanagement.techtarget.com/definition/relational-database) management system ([RDBMS](https://searchdatamanagement.techtarget.com/definition/RDBMS-relational-database-management-system)) based on Structured Query Language ([SQL](https://searchsqlserver.techtarget.com/definition/SQL)). MySQL runs on virtually all platforms, including [Linux](https://searchdatacenter.techtarget.com/definition/Linux-operating-system), [UNIX](https://searchdatacenter.techtarget.com/definition/Unix) and [Windows](https://searchwindowsserver.techtarget.com/definition/Windows). Although it can be used in a wide range of applications, MySQL is most often associated with web applications and online publishing.

MySQL is an important component of an open source enterprise stack called [LAMP](https://whatis.techtarget.com/definition/LAMP-Linux-Apache-MySQL-PHP). LAMP is a web development platform that uses Linux as the operating system, [Apache](https://whatis.techtarget.com/definition/Apache) as the web server, MySQL as the relational database management system and PHP as the object-oriented scripting language. (Sometimes [Perl](https://whatis.techtarget.com/definition/Perl) or [Python](https://whatis.techtarget.com/definition/Python) is used instead of PHP.)

**PHP**

(PHP: Hypertext Preprocessor) A scripting language that is widely used to create dynamic Web pages. Combining syntax from the C, Java and Perl languages, PHP code is embedded within HTML pages for server side execution. It is commonly used to extract data out of a database on the Web server and present it on the Web page. Originally known as "Personal Home Page," PHP is supported by all Web servers and widely used with the MySQL database.

**Sublime**

Sublime Text editor is a sophisticated text editor which is widely used among developers. It includes wide features such as Syntax Highlight, Auto Indentation, File Type Recognition, Sidebar, Macros, Plug-in and Packages that make it easy for working with code base.