Software Stack

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A **Software Stack** is comprised from a set of Software Subsystems or Components connected together to create a complete Platform. Once defined, a **Software Stack** is self-contained and requires no additional subsystems or components to support applications. Applications are said to **`run on`** or **`run on top of`** the resulting **Software Stack**.

For example, to develop a web application, the architect defines the stack as the target Operating System (OS), Web Server, Database, and Programming Language environment.

Another version of a **Software Stack** is operating system, middleware, database, and applications. Regularly, the Components of a **Software Stack** are developed by different developers independently of one another and are integrated together and single named entity, forming the basis for many systems. For example:

- Apache CloudStack
- LAMP (Linux, Apache, MySQL, PHP/Perl/Python)
- Oracle Cloud Stack
- Web Service Protocol Stack

Source: https://en.wikipedia.org/wiki/Solution_stack

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