

Sw_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.[2] Regularly, the components of a software stack are developed by different developers independently from one another.

Some components/subsystems of an overall system are chosen together often enough that the particular set is referred to by a name representing the whole, rather than by naming the parts. Typically, the name is an acronym representing the individual components.[3]

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