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SDLC

The systems development life cycle (SDLC), also referred to as the application development life-cycle, is a term used in systems engineering, information systems and software engineering to describe a process for planning, creating, testing, and deploying an information system.[1] The systems development life-cycle concept applies to a range of hardware and software configurations, as a system can be composed of hardware only, software only, or a combination of both.

Snippet from [Wikipedia: Systems development life cycle](#)

In systems engineering, information systems and software engineering, the **systems development life cycle (SDLC)**, also referred to as the **application development life cycle**, is a process for planning, creating, testing, and deploying an information system. The SDLC concept applies to a range of hardware and software configurations, as a system can be composed of hardware only, software only, or a combination of both. There are usually six stages in this cycle: requirement analysis, design, development and testing, implementation, documentation, and evaluation.

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ALM vs SDLC?

SDLC (Software Development Life Cycle) is a framework that outlines the various stages involved in developing software from conception to deployment. It includes the stages of planning, requirements analysis, design, coding, testing, and maintenance.

ALM (Application Lifecycle Management) is a broader concept that encompasses the entire lifecycle of an application, from its initial conception through its retirement. It includes not only the stages of development but also the stages of deployment, monitoring, and maintenance.

The relationship between SDLC and ALM is that SDLC is a subset of ALM. SDLC focuses on the development phases of an application, whereas ALM covers the entire application lifecycle from inception to retirement. ALM includes not only the development phases but also other phases such as deployment, monitoring, and maintenance.

In other words, SDLC is a part of ALM that focuses on the development phase of an application. ALM provides a broader perspective on the application lifecycle, including other phases that are crucial for the success of an application.

See also [DevOps](#)

[method](#), [architecture](#), [programming](#), [devopscreate](#)

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