Monolithic Architecture

The monolithic architecture is the traditional unified model for the design of a software program. Being a large, single piece of software which continuously grows.

Means composed all in one piece. ... In a tightly-coupled architecture, each component and its associated components must be present in order for code to be executed or compiled.

Since the entire monolith application runs as a single process, the scaling of individual features of the monolith is almost impossible.

Scaling the entire application can be achieved by manually deploying a new instance of the monolith on another server, typically behind a load balancer.

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