

Building Evolutionary Architectures

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Building Evolutionary Architecture: The Book Long lived systems need to keep up with the pace of the environment in which they live. Learn more here about what we mean by evolutionary architectures and buy the book to understand how to go about building them.

Building Evolutionary Architectures

It has important insights on migration of architectures and dealing with COTS software and some caveats. The guidelines for evolutionary architecture like removing variability, reversible decision, anti corruption, sacrificial architectures, service templates, external change mitigation, libraries vs frameworks, service versioning, evolve over predict are very useful.

Building Evolutionary Architectures: Amazon.co.uk: Ford ...

The first principle of evolutionary architecture is to enable incremental change in an architecture over time. This practical guide gives you everything you need to know to get started. The software development ecosystem is constantly changing, with a constant stream of innovation in tools, frameworks and techniques

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An evolutionary architecture supports incremental, guided change as a first principle across multiple dimensions.

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We explore the ideas behind continual architecture: building architectures that have no end state and are designed to evolve with the ever-changing software development ecosystem, and including built-in protections around important architectural characteristics.

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This book gives a high level overview of building evolutionary architectures. An evolutionary architecture supports guided, incremental change across multiple dimensions. Changes are guided by fitness functions that check if the most important architectural characteristics are on target.

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Evolutionary architecture is an approach that supports incremental, guided change across multiple dimensions. The software development ecosystem exists in a state of dynamic equilibrium, where any

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