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MARSHALL JOSIAH

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foundations, theory, and practice ... At the core of the answers to these questions is software architecture, the set of principal design decisions made about a system. We reject the notion that software architecture is just another name for "high level design" or the components-and-connectors view of a system. Rather, architecture is a discipline, rooted in design, that persists throughout a system's entire lifecycle. [Software Architecture: Foundations, Theory, and Practice](#) [GitHub Pages](#) [GitHub Pages](#) [Lecture 8 - Thursday, October 7 2010.](#) Material and some slide content from: - [Software Architecture: Foundations, Theory, and Practice - Atif Kahn \[GWT Content\]](#) Material and some slide content from: - [Software ...](#) [Chapter 12. Designing for Non-Functional Properties](#) Engineering software systems so that they satisfy all their myriad functional requirements is difficult. As we have seen so far, software architectures can help ... - [Selection from Software Architecture: Foundations, Theory, and Practice \[Book\]](#) [Software Architecture: Foundations, Theory, and Practice](#) [Software Architecture: Foundations, Theory, and Practice](#) is arguably the first full-length textbook on the subject of software architecture. It is primarily intended for use in upper-division undergraduate or graduate courses in software architecture or software engineering, and it expands upon the material generally introduced in a first course in software engineering. [Software Architecture: Foundations, Theory, and Practice ...](#) [4 7](#) [Software Architecture Foundations, Theory, and Practice](#) [Architectural Analysis Goals - Completeness](#) Completeness is both an external and an internal goal It is external with respect to system requirements Challenged by the

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Software architecture: foundations, theory, and practice

4 7 Software Architecture Foundations, Theory, and Practice Architectural

Analysis Goals - Completeness Completeness is both an external and an internal goal It is external with respect to system requirements Challenged by the complexity of large systems' requirements and architectures Challenged by the many notations used to capture complex requirements as well as architectures

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