

Architecting (glossary)

architecting

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(1) *Process of conceiving, defining, expressing, documenting, communicating, certifying proper implementation of, maintaining and improving an architecture throughout a system's life cycle* (ISO/IEC/IEEE 2011)

(2) *The architecting process sometime involves the use of heuristics to establish the form of architectural options before quantitative analyses can be applied. Heuristics are design principles learned from experience.* (Rechtin 1990)

Source

(1) ISO/IEC/IEEE. 2011. Systems and software engineering - Architecture description. Geneva, Switzerland: International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC)/Institute of Electrical and Electronics Engineers (IEEE), ISO/IEC/IEEE 42010.

(2) Rechtin, E. 1990. *Systems Architecting: Creating & Building Complex Systems*. Upper Saddle River, NJ, USA: Prentice-Hall.

Discussion

None.

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