

Functional Architecture (glossary)

functional architecture

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A functional architecture is a set of functions and their sub-functions that defines the transformations of input flows into output flows performed by the system to achieve its mission. (Created for SEBoK)

Source

This definition was developed for the SEBoK.

Discussion

The definition is adapted from ISO/IEC/IEEE 24748 - 4 (past IEEE 1220, ISO/IEC 26702) as functional architecture; but it is here modified to emphasize on transformations performed. See also definition of behavioral architecture .

Works Cited ISO/IEC. 2010. *Systems and Software Engineering, Part 1: Guide for Life Cycle Management*. Geneva, Switzerland: International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC), ISO/IEC 24748-1:2010.

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