

# Functional Architecture (glossary)

From SEBoK  
functional architecture

*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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