

Software Engineering (glossary)

software engineering

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(1) *The application of a systematic, disciplined, quantifiable approach to the development, operation, and maintenance of software; that is, the application of engineering to software.* (IEEE 1990)

(2) *The study of approaches as in (1).* (IEEE 1990)

Source[s]

(1) and (2) IEEE. 1990. *IEEE Standard Glossary of Software Engineering Terminology*. Washington, DC: Institute of Electrical and Electronics Engineers. IEEE 610.12-1990.

Source

P. Bourque and R.E. Fairley (eds), *Guide to the Software Engineering Body of Knowledge*, Version 3.0, IEEE Computer Society, 2014; Available at <http://www.swebok.org>

Piscataway, NJ, USA: The Institute of Electrical and Electronic Engineers, Inc. (IEEE). Available at: <http://www.computer.org/portal/web/swebok>.

Discussion

The definitions listed above are also the accepted definitions used in the *Guide to the Software Engineering Body of Knowledge (SWEBOK)*, which was published by the IEEE Computer Society in 2004.

SEBoK v. 2.11, released 25 November 2024

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