Software Engineering (glossary)

> (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 Electronical 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 athttp://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. 2.10, released 06 May 2024