

Reverse Engineering (glossary)

reverse engineering

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(1) A process of documenting the functions and behaviors of a device or system by analysis and test. (Created for SEBoK)

(2) The reverse engineering process applied to a product, service or enterprise consists of performing a bottom up approach from physical aspects and properties to functional ones then to identify its characteristics as requirements. (Created for SEBoK)

(3) Reverse engineering is the process of discovering the technological principles of a device, object, or system through analysis of its structure, function, and operation. It often involves taking something (e.g., a mechanical device, electronic component, software program, or biological, chemical, or organic matter) apart and analyzing its workings in detail to be used in maintenance, or to try to make a new device or program that does the same thing without using or simply duplicating (without understanding) the original.' (Wikipedia Contributors 2012)'

Source

(1) and (2) These definitions were developed for the SEBoK.

(3) Wikipedia contributors, "Reverse engineering,"

Wikipedia, The Free Encyclopedia,
http://en.wikipedia.org/w/index.php?title=Reverse_engineering&oldid=509727946 (accessed September 13, 2012).

Discussion

None.

SEBoK v. 2.9, released 20 November 2023

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