Maintainability (glossary)

maintainability

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> (1) *Maintainability is defined as the probability that a system or system element can be repaired in a defined environment with defined resources within a specified period of time. Increased maintainability implies shorter repair times.* (Created for SEBoK)

> (2) *The American Society for Quality uses this definition. "Maintainability: The probability that a given maintenance action for an item under given usage conditions can be performed within a stated time interval when the maintenance is performed under stated conditions using stated procedures and resources."* (ASQ 2011) The definition above simplifies the ASQ definition.

Sources

(1) This definition was developed for the SEBoK.

(2) American Society for Quality. 2011. "Glossary: Maintainability." Accessed on 11 September 2012. Available at http://asq.org/glossary/m.html.

Discussion

None.

SEBoK v. 2.9, released 20 November 2023

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