Maintainability (glossary)

From SEBoK

maintainability

(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.


**Discussion**

None.

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