

Performance Measure

[Go up to Terms and Definitions](#)

Discussion

A Performance Measure identifies the quantity selected to evaluate a characteristic of [Performance](#). It identifies what is measured rather than the process used to obtain a value or the value obtained.

Examples include [Latency](#), throughput, capacity, resource utilization, and another measurable performance characteristic.

Definition

quantity used to evaluate a performance characteristic

Source

- DIDO Solutions derived definition
- [ISO/IEC 25010:2023, Systems and software engineering — Systems and software Quality Requirements and Evaluation \(SQuaRE\) — Product quality model](#), specification, measurement, and evaluation of product quality characteristics
- [JCGM 200:2012, International vocabulary of metrology, 1.1 Quantity](#), quantity concepts used by measurement

Note

- A Performance Measure identifies what is measured
- A [Performance Measurement](#) is the process used to obtain a value for the Performance Measure
- A [Performance Measurement Result](#) contains the value attributed to the Performance Measure and relevant interpretive information
- A [Performance Criterion](#) uses one or more Performance Measures to determine whether specified Performance satisfies a [Requirement](#)

Example

Latency is a Performance Measure when it is used to evaluate the time behavior of an entity.

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