

What to test? → ISO 9126-1 quality factors

Functionality - A set of attributes that bear on the existence of a set of functions and their specified properties. The functions are those that satisfy stated or implied needs.

- o Suitability
- o Accuracy
- o Interoperability
- o Compliance
- o Security

Reliability - A set of attributes that bear on the capability of software to maintain its level of performance under stated conditions for a stated period of time.

- o Maturity
- o Recoverability
- o Fault Tolerance

Usability - A set of attributes that bear on the effort needed for use, and on the individual assessment of such use, by a stated or implied set of users.

- o Learnability
- o Understandability
- o Operability



What to test? → ISO 9126-1 quality factors cont.

Efficiency - A set of attributes that bear on the relationship between the level of performance of the software and the amount of resources used, under stated conditions.

- o Time Behaviour
- o Resource Behaviour

Maintainability - A set of attributes that bear on the effort needed to make specified modifications.

- o Stability
- o Analysability
- o Changeability
- o Testability

Portability - A set of attributes that bear on the ability of software to be transferred from one environment to another.

- o Installability
- o Replaceability
- o Adaptability

