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Definitions



- Requirement is a statement that is in principle testable
- "The program has an average response time of t seconds" Testable
- Specification is a statement that in principle is provable
- "The program satisfies the predicate P(x)" Provable
- "The program has a good response time " Vague
- Failure Deviation of a software system from its requirement
- Fault A software defect that can cause a failure
- Error Action by a software developer that results in the introduction of a fault into a software system
- Problem A difficulty in the use or understanding of a software system
- Robust A software system is robust if it is fault-tolerant or failure-tolerant