Abstract

Software process improvement is recognized as an important part of the software development life cycle. Several contemporary models have been developed to assist organizations evaluate and improve their software development processes and capabilities. This study provides simulation of the existing models (Capability Maturity Model, ISO, SPIQ, ProPAM, Bootstrap, Trillium, SixSigma, SPICE), analyze each model along with their importance and drawbacks.

Reference

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**Index Terms**

Computer Science Software Engineering

**Key words**

Capability Maturity Model SPI Models

ISO SPIQ ProPAM