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

International Conference on Software Engineering, Boston, MA.

Index Terms

Computer Science Software Engineering

Key words

SPI Models

Capability Maturity Model
ISO
SPIQ
ProPAM