

Metrics and models in software quality engineering

Addison-Wesley - Software Quality Metrics



Description: -

- Mozambique -- Economic policy
 - Privatization -- Mozambique
 - Structural adjustment (Economic policy) -- Mozambique
 - Woodwork.
 - Computer software -- Quality control
 - Metrics and models in software quality engineering
- Notes: Includes bibliographical references and index
This edition was published in 2003



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Software Quality Metrics Overview

Function point and lines of code are the commonly used methods for size estimation. So far, very little research on this topic has been published. Most of the teams are attuned to the process but ever-changing requirements impact the estimation, accuracy, release time, cycle time, and quality of the product.

2. Software Development Process Models

This metric is represented by the following equation.

Kan, Metrics and Models in Software Quality Engineering

Small changes do not create much disturbance in the ongoing release cycles, frequent changes can be frustrating and time-consuming for developers leading to a bad quality product. TQM goes stages further than quality assurance and aims at frequently process improvement. To calculate DSQI, a number of steps are followed, which are listed below.

Metrics and models in software quality engineering (Book, 2003) [perssongroup.materialsproject.org]

As more and more high-level languages become available for software development, more research will be needed in this area.

Metrics and Models in Software Quality Engineering

You should make sure all the dependencies in your base work properly.

Metrics and Models in Software Quality Engineering

Some readers may choose to read specific topics or decide on different starting points.

Software Quality Engineering

Automate Data Collection Process — Your organization can apply the relevant model and capture engineering metrics based on data lying in your systems to discover trends, drive improvements and uncover underlying causes of defects. Reliability Defect Density : Reliability or Defect Density metric helps your team to understand the code quality per unit.

Related Books

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