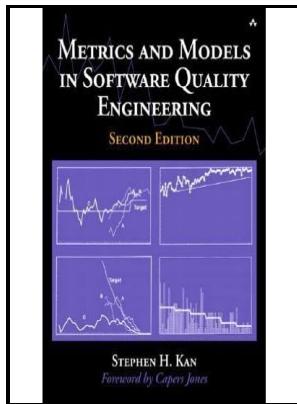


Metrics and models in software quality engineering

Addison-Wesley - Metrics and Models in Software Quality Engineering (paperback)



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



Filesize: 62.38 MB

Tags: #Classification #of#Software #Metrics #in #Software #Engineering

Classification of Software Metrics in Software Engineering

This work provides the necessary tools and ideas for measuring and improving the quality of an entire software development process from high-level to low-level design, and all phases of testing for reliability. In some languages such as BASIC, PASCAL, and C, several instruction statements can be entered on one physical line. Quality attributes and their interrelationships are discussed.

Classification of Software Metrics in Software Engineering

In code quality both Quantitative metrics like number of lines, complexity, functions, rate of bugs generation etc and Qualitative metrics like readability, code clarity, efficiency, maintainability etc are measured.

Examples of Metrics Programs

There are also many variations in counting function points in the industry and several major methods other than the IFPUG standard. First, one measures the time between failures, the other measures the defects relative to the software size lines of code, function points, etc. Every project is unique, and we recommend working with QE specialists in figuring out the right metrics to track your development process.

10 Metrics To Measure Software Quality in The Most Efficient Way

Methods of Survey Data Collection. By using these measures, Halstead developed an expression for overall program length, program volume, program difficulty, development effort, and so on.

Software Engineering

We will identify the effective date of the revision in the posting. Note that project metrics are used for tactical purposes rather than strategic purposes used by the process metrics. Indeed, we do not recommend such comparisons.

[PDF] Metrics and Models in Software Quality Engineering

For instance, many others are discussed in other sections of their book. Quality control target not only on detecting the defective devices and removes them but also on determining the causes behind the defects. Lessons Learned for OO Projects.

Software Measurement and Metrics

Reliability — Reliability metrics measure what is the software of software in different conditions. In addition, the book discusses the fundamentals of measurement theory, specific quality metrics and tools, and methods for applying metrics to the software development process. The E-mail message field is required.

Related Books

- [Ultimate Microsoft Office book - integrating Microsoft Office applications for Windows 95](#)
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- [Roll of the survivors of the First Regiment of New York Volunteers - commanded by Col. Jonathan D. S](#)
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