

# Software Engineering: The Current Practice (Chapman & Hall/CRC Innovations in Software Engineering and Software Development Series)

Vaclav Rajlich

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**Software Engineering: The Current Practice** teaches students basic software engineering skills and helps practitioners refresh their knowledge and explore recent developments in the field, including software changes and iterative processes of software development.

After a historical overview and an introduction to software technology and models, the book discusses the software change and its phases, including concept location, impact analysis, refactoring, actualization, and verification. It then covers the most common iterative processes: agile, directed, and centralized processes. The text also journeys through the software life span from the initial development of software from scratch to the final stages that lead toward software closedown.

### For Professionals

The book gives programmers and software managers a unified view of the contemporary practice of software engineering. It shows how various developments fit together and fit into the contemporary software engineering mosaic. The knowledge gained from the book allows practitioners to evaluate and improve the software engineering processes in their projects.

### For Instructors

Instructors have several options for using this classroom-tested material. Designed to be run in conjunction with the lectures, ideas for student projects include open source programs that use Java or C++ and range in size from 50 to 500 thousand lines of code. These projects emphasize the role of developers in a classroom-tailored version of the directed iterative process (DIP).

### For Students

Students gain a real understanding of software engineering processes through the lectures and projects. They acquire hands-on experience with software of the size and quality comparable to that of industrial software. As is the case in the industry, students work in teams but have individual assignments and accountability.



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### **Bradley Smith:**

Are you kind of busy person, only have 10 or maybe 15 minute in your morning to upgrading your mind talent or thinking skill also analytical thinking? Then you are experiencing problem with the book in comparison with can satisfy your limited time to read it because all of this time you only find publication that need more time to be learn. Software Engineering: The Current Practice (Chapman & Hall/CRC Innovations in Software Engineering and Software Development Series) can be your answer as it can be read by an individual who have those short spare time problems.

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### **Melvin Smith:**

This Software Engineering: The Current Practice (Chapman & Hall/CRC Innovations in Software Engineering and Software Development Series) is brand-new way for you who has intense curiosity to look for some information as it relief your hunger associated with. Getting deeper you on it getting knowledge more you know or perhaps you who still having tiny amount of digest in reading this Software Engineering: The Current Practice (Chapman & Hall/CRC Innovations in Software Engineering and Software Development Series) can be the light food for yourself because the information inside this specific book is easy to get simply by anyone. These books produce itself in the form which is reachable by anyone, that's why I mean in the e-book contact form. People who think that in publication form make them feel drowsy

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