

(Free and download) The Future of Software Engineering: Panel Discussions (English Edition)

## The Future of Software Engineering: Panel Discussions (English Edition)

Von Lonely Scholar

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**Von Lonely Scholar : The Future of Software Engineering: Panel Discussions (English Edition)** before purchasing it in order to gauge whether or not it would be worth my time, and all praised The Future of Software Engineering: Panel Discussions (English Edition):

Kundenrezensionen Hilfreichste Kundenrezensionen 0 von 0 Kunden fanden die folgende Rezension hilfreich. Qualitatively Very Different Authors Von drumaranat An interesting book consisting of authors' individual views on

the current development in the software engineering. However, like the most records of symposiums, the book contains qualitatively very different articles. For example, contributions by Erich Gamma or Joseph Sifakis provide new interesting ideas and a basis for discussion because of authors' currently active research in computer science. On the other hand, in the article by Manfred Broy there is no single new idea contributing to the showcasing visions for the future. Just republishing of his old papers. Compare e.g. the papers: "A Logical Basis for Modular Software and Systems Engineering" in 1998 and its republishing "A Logical Basis for Component-Oriented Software and Systems Engineering" in 2010. His most current research results are at least 10 years old. I'm not sure that Broy and some other authors of this book are aware of the variety of achievements of software engineering in the past decades. See e.g. (...) for comments to his current papers.

**Kurzbeschreibung** Top researchers debate whether any real progress has been made during the past decades and how to distinguish between good and bad software. This booklet allows the reader to compare and contrast dominant voices in software engineering. It may serve as an aid for lecturers in explaining to engineering students how to see the wood for the trees in the complicated field of software engineering. The researchers address concurrency, program verification, and the contradistinction between software today versus how it should be in the future. Is it possible to increase the level of abstraction without paying a price in program performance? What is the difference between engineering verification and real verification? What is the role of program specifications in today's development practice? Panelists: Barry Boehm, Manfred Broy, Erich Gamma, Michael A. Jackson, David L. Parnas, Niklaus Wirth, Pamela Zave, Yuri Gurevich, Rustan Leino, Bertrand Meyer, and Andreas Zeller.

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**Buchrückseite** This book focuses on defining the achievements of software engineering in the past decades and showcasing visions for the future. It features a collection of articles by some of the most prominent researchers and technologists who have shaped the field: Barry Boehm, Manfred Broy, Patrick Cousot, Erich Gamma, Yuri Gurevich, Tony Hoare, Michael A. Jackson, Rustan Leino, David L. Parnas, Dieter Rombach, Joseph Sifakis, Niklaus Wirth, Pamela Zave, and Andreas Zeller. The contributed articles reflect the authors' individual views on what constitutes the most important issues facing software development. Both research- and technology-oriented contributions are included. The book provides at the same time a record of a symposium held at ETH Zurich on the occasion of Bertrand Meyers 60th birthday.