

Software Process Modeling

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Springer US, 2005

Monografía

Software Process Modeling brings together experts to discuss relevant results in software process modeling, and expresses their personal view of this field. This book focuses on new aspects of software process modeling. Specifically, it deals with socio-technological aspects, process modeling for new development types (open source software, dependability applications, etc.) and organization change management. The computer audience is placing growing demands on the software industry today. They are looking for more complex products that are, at the same time, easier to use. Software developer organizations are expected to produce higher quality products and deliver them to the public faster. In so doing, however, globally distributed development teams have to cope with understaffing and changing technologies. The challenges for the software industry are apparently mounting. Over the years, a variety of software process models have been designed to structure, describe and prescribe the software systems construction process. Most recently, software process modeling increasingly deals with new challenges raised by the tests that the software industry has to stand. Software Process Modeling is designed for a professional audience composed of researchers and practitioners in industry. The book is also suitable for graduate-level students in computer science

Título: Software Process Modeling Recurso electrónico] edited by Silvia T. Acuña, Natalia Juristo

Editorial: Boston, MA Springer US 2005

Descripción física: XXIV, 208 p.

Mención de serie: International Series in Software Engineering 10 Springer eBooks

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Detalles del sistema: Forma de acceso: World Wide Web

ISBN: 9780387242620

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