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Disciplina	005.1/5
Soggetti	Software engineering Management information systems Computer science Information technology Business—Data processing Software Engineering/Programming and Operating Systems Software Engineering Management of Computing and Information Systems IT in Business
Lingua di pubblicazione	Inglese
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Nota di contenuto	Towards a uniform version model for software configuration management -- What have you done for me lately? (Branches, merges, and change logs) -- Change sets versus change packages: Comparing implementations of change-based SCM -- Constructing a large product with jam -- Versioning and consistency for dynamically composed configurations -- Managing the software development Process with ClearGuide -- High level process modeling for SCM systems -- Distributed source control system -- ScmEngine: A distributed software configuration management environment on X.500 -- COO-transactions: Supporting cooperative work -- Supporting distributed configuration management in virtual enterprises -- Distributed configuration management via Java and the World Wide Web -- WebRC configuration management for a cooperation tool -- Product

management requirements for SCM discipline -- A case-study of configuration management with ClearCase in an industrial environment -- Experience with Change-oriented SCM tools.

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Sommario/riassunto

This book constitutes the refereed proceedings of the Seventh International Workshop on Software Configuration Management, SCM-7, held in conjunction with the 1997 IEEE/CS International Conference on Software Engineering, ICSE'97, in Boston, MA, USA, in May 1997. The book presents 16 revised full papers selected from a total of 49 submissions. The papers are organized in sections on versioning models, reuse and system models, process aspects, distributed SCM, SCM on the Web, and industrial experience. This book competently reports the state of the art in software configuration management.

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