Record Nr. UNISA996466123603316 Software process: principles, methodology, and technology / / edited **Titolo** by J. C. Derniame; Badara Ali Kaba; David Wastell Pubbl/distr/stampa Berlin, Germany;; New York, New York:,: Springer,, [1999] ©1999 3-540-49205-4 **ISBN** Edizione [1st ed. 1999.] Descrizione fisica 1 online resource (XIII, 310 p.) Collana Lecture notes in computer science; ; Volume 1500 Disciplina 005.1 Soggetti Computer software - Development Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references and index. Nota di contenuto The Software Process: Modelling and Technology -- Software Process - Standards, Assessments and Improvement -- Process Modelling Languages -- Meta-Process -- Architectural Views and Alternatives --Cooperation Control in PSEE -- The Human Dimension of the Software Process -- Software Process: Key Issues and Future Directions. 1 Jean Claude Derniame Software process technology is an emerging Sommario/riassunto and strategic area that has already reached a reasonable degree of maturity, delivering products and significant industrial experiences. This technology aims at supporting the software production process by pro viding the means to model, analyse, improve, measure, and whenever it is reasonable and convenient, to automate software production activities. In recent years, this tech nology has proved to be effective in the support of many business activities not directly related to software production, but relying heavily on the concept of process (i. e. all the applications traditionally associated with workflow management). This book concentrates on the core technology of software processes, its principles and concepts as well as the technical

> aspect of software process support. The contributions to this book are the collective work of the Promoter 2 European Working Group. This grouping of 13 academic and 3 industrial partners is the suc cessor of

emerging community to collec tively develop remaining open issues, to

Promoter, a working group responsible for creating a European software process community. Promoter 2 aims at exploiting this

coordinate activities and to assist in the dis semination of results. The title "Software Process Modelling and Technology" [Fink94] was produced during Promoter 1. Being "project based", it presented the main findings and proposals of the different projects then being undertaken by the partners.