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Nota di contenuto	Systems engineering environments of ATMOSPHERE -- Building IPSE's by combining heterogeneous case tools -- On the functional and architectural integration of CASE systems -- Development of a method driven CAS2E tool -- VSF and its relationship to open systems and standard repositories -- Adding control integration to PCTE -- Meta-case technology -- Management issues in software development -- Standardization of software development environments -- A software development environment for CIM applications -- A repository and other tools in a commercial development center -- Lessons learned from domino and grapes -- Should CASE be application dependent? -- Utilizing fifth generation technology in software development tools -- Integrated software components : A paradigm for control integration --

Formal methods in software development requirements for a CASE -- Modeling of software architectures: Importance, notions, experiences -- A configurable framework for method and tool integration -- Recent findings in software process maturity -- Validation and verification of software process models.

Sommario/riassunto

Software development environments are integrated sets of tools, techniques and processes that assist in the sys- tematic development of software products. They are intended to support all phases of the software development cycle: requirements definition, design, implementation, test, and maintenance. These Computer Aided Software Engineering (CASE) tools typically make use of graphic manipulation facilities and rely on some form of development database to exchange various types of design objects between tools. Facilitated by the availability of powerful workstations, implementations of these technologies are now within reach of every software developer. This volume presents the proceedings of a symposium organized by the GI (Gesellschaft für Informatik), the GMD (Gesellschaft für Mathematik und Datenverarbeitung) and ESEC (European Software Engineering Conferences). The symposium brought together application development managers and top specialists involved in the selection and introduction of software development tools, leading developers of such tools and well known authorities from the research community. The proceedings contain first-hand information on practical experiences and requirements, development directions and strategies, and key research issues and results.