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Soggetti	Application software Computer communication systems Information storage and retrieval Software engineering Database management Computer Applications Information Systems Applications (incl. Internet) Computer Communication Networks Information Storage and Retrieval Software Engineering Database Management
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Nota di contenuto	Product Line Context -- Context-Dependent Product Line Practice for Constructing Reliable Embedded Systems -- Configuring Software Product Line Feature Models Based on Stakeholders' Soft and Hard Requirements -- Usage Context as Key Driver for Feature Selection -- Formal Approaches -- A Flexible Approach for Generating Product-Specific Documents in Product Lines -- Formal Definition of Syntax and Semantics for Documenting Variability in Activity Diagrams -- Delta-

Oriented Programming of Software Product Lines -- Experience Papers -- Architecting Automotive Product Lines: Industrial Practice -- Developing a Software Product Line for Train Control: A Case Study of CVL -- Dealing with Cost Estimation in Software Product Lines: Experiences and Future Directions -- Variability Management -- Evolution of the Linux Kernel Variability Model -- Variability Modeling for Distributed Development -- A Comparison with Established Practice -- Variability Management in Software Product Lines: An Investigation of Contemporary Industrial Challenges -- Product Validation 1 -- Consistent Product Line Configuration across File Type and Product Line Boundaries -- Automated Incremental Pairwise Testing of Software Product Lines -- Linking Feature Models to Code Artifacts Using Executable Acceptance Tests -- Product Validation 2 -- Avoiding Redundant Testing in Application Engineering -- Improving the Testing and Testability of Software Product Lines -- Architecture-Based Unit Testing of the Flight Software Product Line -- Feature Modeling -- Sans Constraints? Feature Diagrams vs. Feature Models -- Mapping Extended Feature Models to Constraint Logic Programming over Finite Domains -- Stratified Analytic Hierarchy Process: Prioritization and Selection of Software Features -- Examples of Product Lines -- Streamlining Domain Analysis for Digital Games Product Lines -- Designing and Prototyping Dynamic Software Product Lines: Techniques and Guidelines -- A Software Product Line for the Mobile and Context-Aware Applications Domain -- MDA and Business Context -- Using MDA for Integration of Heterogeneous Components in Software Supply Chains -- Mapping Features to Reusable Components: A Problem Frames-Based Approach -- Eliciting and Capturing Business Goals to Inform a Product Line's Business Case and Architecture -- Aligning Business and Technical Strategies for Software Product Lines -- Short Papers -- Non-clausal Encoding of Feature Diagram for Automated Diagnosis -- A Method to Identify Feature Constraints Based on Feature Selections Mining -- Software Product Line Engineering for Long-Lived, Sustainable Systems -- An Approach to Efficient Product Configuration in Software Product Lines -- A Hybrid Approach to Feature-Oriented Programming in XVCL -- An Approach for Developing Component-Based Groupware Product Lines Using the Groupware Workbench -- Towards Consistent Evolution of Feature Models -- SOPLE-DE: An Approach to Design Service-Oriented Product Line Architectures -- Multidimensional Classification Approach for Defining Product Line Engineering Transition Strategies -- MARTE Mechanisms to Model Variability When Analyzing Embedded Software Product Lines -- The UML «extend» Relationship as Support for Software Variability -- Feature Diagrams as Package Dependencies -- Visualizing and Analyzing Software Variability with Bar Diagrams and Occurrence Matrices -- Recent Experiences with Software Product Lines in the US Department of Defense -- Posters -- Leviathan: SPL Support on Filesystem Level -- Introducing a Conceptual Model of Software Production -- Product Line Engineering in Enterprise Applications -- Case Study of Software Product Line Engineering in Insurance Product -- Using Composition Connectors to Support Software Asset Development -- Feature-to-Code Mapping in Two Large Product Lines -- Panel Overviews -- The Rise and Fall of Product Line Architectures -- The Many Paths to Quality Core Assets -- Tutorial Overviews -- Pragmatic Strategies for Variability Management in Product Lines in Small- to Medium-Size Companies -- Building Reusable Testing Assets for a Software Product Line -- Production Planning in a Software Product Line Organization -- Transforming Legacy Systems into Software Product Lines -- Systems and Software Product Line

Engineering with the SPL Lifecycle Framework -- Managing Requirements in Product Lines -- Evolutionary Product Line Scoping -- Leveraging Model Driven Engineering in Software Product Line Architectures -- to Software Product Lines Adoption -- to Software Product Lines -- Workshop Overviews -- 4th International Workshop on Dynamic Software Product Lines (DSPL 2010) -- 1st International Workshop on Product-Line Engineering for Enterprise Resource Planning (ERP) Systems (PLEERPS 2010) -- 2nd International Workshop on Model-Driven Approaches in Software Product Line Engineering (MAPLE 2010) -- 1st International Workshop on Formal Methods in Software Product Line Engineering (FMSPLE 2010) -- 3rd International Workshop on Visualisation in Software Product Line Engineering (VISPLE 2010) -- 4th Workshop on Assessment of Contemporary Modularization Techniques (ACOM 2010) -- 2nd Workshop on Scalable Modeling Techniques for Software Product Lines (SCALE 2010).

Sommario/riassunto

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