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Autore	Lau Kung-Kiu
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1.5 Discussion and ConclusionsReferences; 2. Describing Specifications and Architectural Requirements of COTS Components; 2.1 Introduction; 2.2 Definition of Commercial Components; 2.2.1 Component Interfaces; 2.2.2 Semantic and Protocol Levels; 2.2.3 Interface Notation; 2.2.4 COTS Documents; 2.3 A COTS-based Application Example; 2.4 Software Architecture; 2.5 UML Real-Time; 2.6 Composing the Software Architecture; 2.6.1 The GTS Software Architecture; 2.6.2 Mapping the UML-RT GTS Example to UML Standard; 2.6.3 Including Information into Capsules
2.7 Integrating the Architecture into other CBD Methodologies2.8 Concluding Remarks; References; 3. Definition of COTS Software Component Acquisition Process - The Case of a Telecommunication Company; 3.1 Introduction; 3.2 Overview of the Case; 3.3 Towards the CSCA Process - Analysis of Existing Models; 3.3.1 Overview of the Reference Models; 3.3.2 Acquisition Process Framework based on the Existing Models; 1. Planning; 2. Contracting; 3. Delivery and Use of the Component; 3.4 Requirements for the CSCA Process - the Purchaser's Perspective; 3.4.1 Main concerns Revealed by the Interviews Contracting and negotiationEvaluation of components and suppliers; Management of components and supplier relationships; 3.5 Illustration of the Defined CSCA Process Framework; 3.6 Evaluation of the Process Model - The Server Project; 3.6.1 Feedback from the Evaluation; 3.6.2 Conclusions - General Implications; References; 4. The Library Systems Product Line: A Case Study Demonstrating the KobrA Method; 4.1 Introduction; 4.2 KobrA Components; 4.2.1 Modeling Dimensions; 4.2.2 Containment; 4.2.2.1 Component Specification versus Realization; 4.2.2.2 Containment Trees; 4.2.3 Genericity
4.2.3.1 Generic Components