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Nota di contenuto	CONTENTS; SERIES EDITOR'S INTRODUCTION; REFERENCES; ACKNOWLEDGMENTS; CHAPTER 1 DEVELOPMENT OF COMPONENT-BASED INFORMATION SYSTEMS; INTRODUCTION; DEFINING COMPONENT-BASED DEVELOPMENT; SOLUTION ASSEMBLY; ORGANIZATIONAL IMPLICATIONS OF CBD; RESEARCH METHODS FOR COMPONENT-BASED INFORMATION SYSTEMS; VOLUME OVERVIEW; CONCLUSION; REFERENCES; PART I COMPONENT-BASED DEVELOPMENT METHODOLOGIES AND SYSTEMS ARCHITECTURES; CHAPTER 2 AN APPROACH TO COMPONENT-BASED AND SERVICE-ORIENTED SYSTEM ARCHITECTURE DESIGN; CHAPTER 3 TOWARD A COMPONENT-ORIENTED METHODOLOGY TO BUILD-BY-INTEGRATION CHAPTER 4 PRINCIPLES OF UML-BASED COMPONENT MODELINGCHAPTER 5 DESIGNING FLEXIBLE DISTRIBUTED COMPONENT SYSTEMS; CHAPTER 6 PATTERNS, PATTERN LANGUAGES, AND SOFTWARE ARCHITECTURE FOR CBDI THE LESSONS OF THE ADAPTOR

EXPERIMENT; CHAPTER 7 TECHNIQUES AND STRATEGIES FOR TESTING
COMPONENT-BASED SOFTWARE AND PRODUCT LINES; PART 11
MANAGING COMPONENT-BASED DEVELOPMENT; CHAPTER 8
ORGANIZING FOR SOFTWARE PRODUCT FAMILIES; CHAPTER 9 BUSINESS
ENGINEERING OF COMPONENT-BASED SYSTEMS; PART III COMPONENT-
BASED DEVELOPMENT WITH COMMERCIAL OFF-THE-SHELF PRODUCTS
CHAPTER 10 SELECTING COMMERCIAL OFF-THE-SHELF
PRODUCTSCHAPTER 11 TRADING FOR COTS COMPONENTS TO FULFILL
ARCHITECTURAL REQUIREMENTS; EDITORS AND CONTRIBUTORS; SERIES
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Sommario/riassunto

This work provides a comprehensive overview of research and practical issues relating to component-based development information systems (CBIS). Spanning the organizational, developmental, and technical aspects of the subject, the original research included here provides fresh insights into successful CBIS technology and application. Part I covers component-based development methodologies and system architectures. Part II analyzes different aspects of managing component-based development. Part III investigates component-based development versus commercial off-the-shelf products (COTS), includi
