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4.6 CONTEXT AND VIEWPOINT4.7 USER INTERACTION PATTERNS; 4.8 INTERFACE ORGANIZATION PATTERNS AND PRACTICES; 4.9 RUNNING EXAMPLE; 4.10 SUMMARY OF THE CHAPTER; 4.11 BIBLIOGRAPHIC NOTES; Chapter5 - Modeling interface content and navigation; 5.1 WHAT VIEWCONTAINERS CONTAIN: VIEWCOMPONENTS; 5.2 EVENTS AND NAVIGATION FLOWS WITH VIEWCOMPONENTS; 5.3 CONTENT DEPENDENCIES: DATA BINDING; 5.4 INPUT-OUTPUT DEPENDENCIES: PARAMETER BINDING; 5.5 EXTENDING IFML WITH SPECIALIZED VIEWCOMPONENTS AND EVENTS; 5.6 CONTENT AND NAVIGATION PATTERNS AND PRACTICES; 5.7 DATA ENTRY PATTERNS; 5.8 SEARCH PATTERNS
5.9 RUNNING EXAMPLE5.10 SUMMARY OF THE CHAPTER; 5.11 BIBLIOGRAPHIC NOTES; END NOTES; Chapter 6 - Modeling business actions; 6.1 ACTIONS; 6.2 NOTIFICATION; 6.3 BUSINESS ACTION PATTERNS; 6.4 RUNNING EXAMPLE; 6.5 SUMMARY OF THE CHAPTER; 6.6 BIBLIOGRAPHIC NOTES; Chapter 7 - IFML extensions; 7.1 DESKTOP EXTENSIONS; 7.2 WEB EXTENSIONS; 7.3 MOBILE EXTENSIONS; 7.4 MULTISCREEN EXTENSIONS; 7.5 SUMMARY OF THE CHAPTER; 7.6 BIBLIOGRAPHIC NOTES; Chapter 8 - Modeling patterns; 8.1 INTERFACE ORGANIZATION; 8.2 NAVIGATION AND ORIENTATION; 8.3 CONTENT PUBLISHING, SCROLLING, AND PREVIEWING; 8.4 DATA ENTRY
8.5 SEARCH8.6 CONTENT MANAGEMENT; 8.7 PERSONALIZATION, IDENTIFICATION, AND AUTHORIZATION; 8.8 SESSION DATA; 8.9 SOCIAL FUNCTIONS; 8.10 GEO PATTERNS; 8.11 SUMMARY OF THE CHAPTER; 8.12 BIBLIOGRAPHIC NOTES; Chapter9 - IFML by examples; 9.1 MEDIA SHARING APP; 9.2 ONLINE AUCTIONS; 9.3 SUMMARY OF THE CHAPTER; END NOTES; Chapter10 - Implementation of applications specified with IFML; 10.1 IMPLEMENTATION OF THE FRONT END FOR URE-HTML PAGE TEMPLATES; 10.2 IMPLEMENTATION OF THE FRONT END FOR PRESENTATION FRAMEWORKS; 10.3 IMPLEMENTATION OF THE FRONT END FOR RICH INTERNET APPLICATIONS
10.4 IMPLEMENTATION OF THE FRONT END FOR MOBILE APPLICATIONS

Sommario/riassunto

Interaction Flow Modeling Language describes how to apply model-driven techniques to the problem of designing the front end of software applications, i.e., the user interaction. The book introduces the reader to the novel OMG standard Interaction Flow Modeling Language (IFML). Authors Marco Brambilla and Piero Fraternali are authors of the IFML standard and wrote this book to explain the main concepts of the language. They effectively illustrate how IFML can be applied in practice to the specification and implementation of complex web and mobile applications, featuring rich interactive interf
