1. Record Nr. UNINA9910877602003321

Titolo	Process-aware information systems : bridging people and software through process technology / / edited by Marlon Dumas, Wil van der Aalst, Arthur H.M. ter Hofstede
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2005
ISBN	1-280-23563-2 9786610235636 0-470-24634-0 0-471-74144-2 0-471-74143-4
Descrizione fisica	1 online resource (427 p.)
Altri autori (Persone)	DumasMarlon AalstWil van der Ter HofstedeArthur <1966->
Disciplina	005.1/0285
Soggetti	Computer-aided software engineering Human-computer interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index. "Appendix: readings and resources": p. 397-401.
Nota di contenuto	PROCESS-AWARE INFORMATION SYSTEMS; Contents; Preface; Contributors; PART I Concepts; 1 Introduction; 1.1 From Programs and Data to Processes; 1.2 PAIS: Definition and Rationale; 1.3 Techniques and Tools; 1.4 Classifications; 1.5 About the Book; References; 2 Person-to-Application Processes: Workflow Management; 2.1 Introduction; 2.2 Workflow Terminology; 2.3 Workflow Modeling; 2.4 Workflow Management Systems; 2.5 Outlook; 2.6 Exercises; References; 3 Person-to-Person Processes: Computer-Supported Collaborative Work; 3.1 Introduction; 3.2 Characterization of Person-to-Person Interactions 3.3 Characterization of Person-to-Person Systems3.4 Example Systems; 3.5 Summary and Conclusions; 3.6 Exercises; References; 4 Enterprise Application Integration and Business-to-Business Integration Processes; 4.1 Introduction; 4.2 Examples of EAI and B2B Processes; 4.3

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7.8 Net ClassesExercises; References; 8 Patterns of Process Modeling; 8.1 Introduction; 8.2 Classification of Patterns; 8.3 Examples of Control-Flow Patterns; 8.4 Conclusion; 8.5 Exercises; Acknowledgments; References; PART III Techniques; 9 Process Design and Redesign; 9.1 Introduction; 9.2 Methodologies, Techniques, and Tools; 9.3 Business Process Performance Indicators; 9.4 Redesigning Processes Using Best Practices; 9.5 Information-Based Business Process Design; 9.6 Conclusion; 9.7 Exercises; References; 10 Process Mining; 10.1 Introduction; 10.2 Process Mining: An Overview
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12.4 Process Definition in XPDL

Sommario/riassunto

A unifying foundation to design and implement process-aware information systemsThis publication takes on the formidable task of establishing a unifying foundation and set of common underlying principles to effectively model, design, and implement process-aware information systems. Authored by leading authorities and pioneers in the field, Process-Aware Information Systems helps readers gain a thorough understanding of major concepts, languages, and techniques for building process-aware applications, including:* UML and EPCs: two of the most widely used notations for business proces