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Titolo	BPEL cookbook : best practices for SOA-based integration and composite applications development : ten practical real-world case studies combining business process management and web services orchestration // Stany Blanvalet ... [et al.] ; editors, Harish Gaur, Markus Zirn
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Descrizione fisica	1 online resource (188 p.)
Collana	From technologies to solutions
Altri autori (Persone)	GaurHarish ZirnMarkus
Disciplina	005.74
Soggetti	BPEL (Computer program language) Business logistics - Data processing Business enterprises - Data processing Business - Data processing - Management Web services
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Table of Contents; Dismantling SOA Hype: A Real-World Perspective; The Structure of this Book; Section 1: Service-Oriented Integration; Section 2: Building Modern Applications; Section 3: SOA Techniques; Conclusion; Conventions; Reader Feedback; Customer Support; Downloading the Code for the Book; Errata; Questions; Chapter 1: Extending Enterprise Application Integration; Case Study Background; Implementing the Customer Details Management Module; Step 1: Expose TIBCO and webMethods Processes as Web Services; Step 2: Orchestrate Web Services; Step 3: Add Exception Management Capability Step 4: Secure Business CommunicationOutbound Security; Inbound Security; Step 5: Centralize Logging and Error Handling; Conclusion;

Chapter 2: Service-Oriented ERP Integration; Functional Scenario; Solution Overview; Integrating PeopleSoft CRM with Oracle ERP; Step 1: Design the BPEL Process; Step 2: Configure OA Adapter; Step 3: Configure PeopleSoft; Configure the PeopleSoft Node to Interact with the BPEL Process; Establish Relationship between EIP and Node; Create Transformation Code; Linking WSDL_ORDER Apps Engine Program with the Node; Conclusion

Chapter 3: Building the Service Value Chain Overview of the ESA Network; Designing a Web Services Network; Setting Up the Interface Relationship; Simplifying Partner Enablement; Creating a Central Service Registry; Providing Self-Service Monitoring; Conclusion; Chapter 4: A Services-Oriented Approach to Business Rules Development; Separating Rules from Processes; Business Process Layer; Web Service Layer; Rules Layer; Development and Maintenance; Create Rules in a Ruleset; Expose the Ruleset as a Web Service; Invoke the Ruleset Web Service from BPEL; Maintenance Phase

Executing JRules with Oracle BPEL Process Manager Conclusion; Chapter 5: Building Rich Internet Applications for Workflow and Process Monitoring; RIA Background; Sample Process; Building the Application; RIA Front End; BPEL Process Manager API Back End; Running the New Account Process; Enabling Workflow; Monitoring Process Activity; Rendering the Process; Viewing Audit Trail Data; Conclusion; Chapter 6: Building BPEL Processes on the Fly; The Approach; Sample Business Scenario; Process Creation; Storing the Definition in the Database; Dynamically Deploying BPEL; XQuery Processing

Dynamic Deployment with Ant Conclusion; Chapter 7: Making BPEL Processes Dynamic; Dynamic Binding Overview; Building Dynamic BPEL Processes; Understanding the DynamicPartnerLink Sample; Creating a Dynamic BPEL Process; Increasing the Effectiveness of Dynamic Processes; Eliminating Address Dependency at Run Time; WSDL-Independent Services; Invoking Multiple Dynamic Processes; Conclusion; Chapter 8: Using WSIF for Integration; Understanding WSIF; Java-to-XML Bindings; XML Facades; Developing the Java Class; Defining WSIF Bindings in WSDL; WSIF Binding for Java Class; Testing the Example

Exception Handling

Sommario/riassunto

Ten practical real-world case studies combining business process management and web services orchestration in this book and eBook
