

1. Record Nr.	UNINA9911006784203321
Autore	Wright Matt
Titolo	Oracle SOA Suite developer's guide : design and build service-oriented architecture solutions with the Oracle SOA Suite 10gR3 / / Matt Wright, Antony Reynolds
Pubbl/distr/stampa	Birmingham, U.K., : Packt Pub., 2009
ISBN	1-62198-887-2 1-282-06326-X 9786612063268 1-84719-356-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (652 p.)
Collana	From technologies to solutions
Altri autori (Persone)	ReynoldsAntony
Disciplina	004.6 004.6/54 005.7585
Soggetti	Relational databases Web services Service-oriented architecture (Computer science) Computer network architectures Information resources management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Index; Table of Content; Preface; Chapter 1: Introduction to Oracle SOA Suite; Service-oriented architecture in short; Service; Orientation; Architecture; Why SOA is different; Terminology; Interoperability; Extension and evolution; Reuse in place; SOA Suite components; Services and adapters; ESB-service abstraction layer; Service orchestration-BPEL Process Manager; Rules; Security and monitoring-OWSM; Active monitoring-BAM; Business to business-B2B; Complex Event Processing-CEP; SOA Suite architecture; Top level; Component view; Implementation view; A recursive example; JDeveloper Other componentsService repository and registry; BPA Suite; BPM Suite; Portals and WebCenter; Enterprise manager SOA management pack; Summary; Chapter 2: Writing Your First Service; Installing SOA Suite;

Writing our first BPEL process; Creating an application; Creating a BPEL project; Assigning values to variables; Deploying the process; Testing the BPEL process; Writing our first proxy service; Writing the Echo proxy service; Creating a change session; Creating a project; Creating project folders; Creating service WSDL; Importing a WSDL; Creating our business service

Creating our proxy serviceCreating message flow; Activating the Echo proxy service; Testing our proxy service; Summary; Chapter 3: Service Enabling Existing Systems; Types of systems; Web service interfaces; Technology interfaces; Application interfaces; Java Connector Architecture; Creating services from files; A payroll use case; Reading a payroll file; Starting the wizard; Naming the service; Identifying the operation; Defining the file location; Selecting specific files; Detecting that the file is available; Message format; Finishing the wizards; Throttling the file and FTP adapter

Creating a dummy message typeAdding an output message to the read operation; Using the modified interface; Writing a payroll file; Selecting the FTP connection; Choosing the operation; Selecting the file destination; Completing the FTP file writer service; Moving, copying, and deleting files; Generate an adapter; Modify the port type; Modify the binding; Add additional header properties; Adapter headers; Testing the file adapters; Creating services from databases; Writing to a database; Selecting the database schema; Identifying the operation type; Identifying tables to be operated on

Identifying the relationship between tablesUnder the covers; Summary; Chapter 4: Loosely Coupling Services; Coupling; Number of input data items; Number of output data items; Dependencies on other services; Dependencies of other services on this service; Use of shared global data; Temporal dependencies; Reducing coupling in stateful services; Oracle Service Bus design tools; Oracle workshop for WebLogic; Oracle Service Bus Console; Service Bus overview; Service Bus message flow; Virtualizing service endpoints; Moving service location; Selecting a service to call

Virtualizing service interfaces

---

## Sommario/riassunto

Design and build Service-Oriented Architecture Solutions with the Oracle SOA Suite 10gR3

---