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Autore	Griesemer Bob
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Collana	From technologies to solutions
Altri autori (Persone)	KadaruAnitha VenkatesanYasodarani
Disciplina	005.75/75
Soggetti	Data warehousing Database management
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Table of Contents; Preface; Chapter 1: An Introduction to Oracle Warehouse Builder; Introduction to data warehousing; Introduction to our fictional organization; What is a data warehouse?; Where does OWB fit in?; Installation of the database and OWB; Downloading the Oracle software; A word about hardware and operating systems; Installing Oracle database software; Configuring the listener; Creating the database; Installing the OWB standalone software; OWB components and architecture; Configuring the repository and workspaces; Summary Chapter 2: Defining and Importing Source Data StructuresPreliminary analysis; ACME Toys and Gizmos source data; The POS transactional source database; The web site order management database; An overview of Warehouse Builder Design Center; Importing/defining source metadata; Creating a project; Creating a module; Creating an Oracle Database module; Creating a SQL Server database module; Importing source metadata from a database; Defining source metadata manually with the Data Object Editor; Importing source metadata from files; Summary; Chapter 3: Designing the Target Structure

Data warehouse design
Dimensional design; Cube and dimensions;
Implementation of a dimensional model in a database; Relational implementation (star schema); Multidimensional implementation (OLAP); Designing the ACME data warehouse; Identifying the dimensions; Designing the cube; Data warehouse design in OWB; Creating a target user and module; Create a target user; Create a target module; OWB design objects; Summary; Chapter 4: Creating the Target Structure in OWB; Creating dimensions in OWB; The Time dimension; Creating a Time dimension with the Time Dimension Wizard; The Product dimension
Product Attributes (attribute type) Product Levels; Product Hierarchy (highest to lowest); Creating the Product dimension with the New Dimension Wizard; The Store dimension; Store Attributes (attribute type), data type and size, and (Identifier); Store Levels; Store Hierarchy (highest to lowest); Creating the Store dimension with the New Dimension Wizard; Creating a cube in OWB; Creating a cube with the wizard; Using the Data Object Editor; Summary; Chapter 5: Extract, Transform, and Load Basics; ETL; Manual ETL processes; Staging; To stage or not to stage; Configuration of a staging area
Mappings and operators in OWB The canvas layout; OWB operators; Source and target operators; Data flow operators; Pre/post-processing operators; Summary; Chapter 6: ETL: Putting it Together; Designing and building an ETL mapping; Designing our staging area; Designing the staging area contents; Building the staging area table with the Data Object Editor; Designing our mapping; Review of the Mapping Editor; Creating a mapping; Summary; Chapter 7: ETL: Transformations and Other Operators; STORE mapping; Adding source and target operators; Adding Transformation Operators
Using a Key Lookup operator

Sommario/riassunto

Extract, Transform, and Load data to build a dynamic, operational data warehouse
