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Autore	Griesemer Bob
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Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; 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 workspacesSummary; Chapter 2: Defining and Importing Source Data Structures; Preliminary analysis; ACME Toys and Gizmos source data; The POS transactional source database; The website order management database; An overview of Warehouse Builder Design Center; Importing/defining source database object metadata; Creating a project; Creating a module; Creating an Oracle Database module; Creating a SQL Server database module; Importing source database objects from a database; Defining source metadata manually with the Table Editor Importing source metadata from filesSummary; 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; Creating 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 dimensionCreating 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 editors; Summary
Chapter 5: Extract, Transform, and Load BasicsETL; Manual ETL processes; Staging; To stage or not to stage; Configuration of a staging area; Mappings and operators in OWB; OWB Mappings; The canvas layout; OWB operators; Source and target operators; Transformations (data flow operators); Other operators; Summary; Chapter 6: ETL: Putting it Together; Designing our staging area; Designing the staging area contents; Building the staging area table with the Table Editor; Review of the Mapping Editor; Creating a mapping; Adding source tables; Adding a target table; Connecting source to target Joiner operator attribute groups

Sommario/riassunto

Extract, Transform, and Load data to build a dynamic, operational data warehouse with Oracle Warehouse Builder 11g R2 with this book and eBook
