

# Oracle Database Environment

## Objectives

- Explain the features and benefits that the Oracle 10g Database Environment provides for businesses
- Locate information about Oracle Corporation and its products and services
- Relate the steps in the system development life cycle (SDLC) to the development and design of the Oracle 10g Database product and the data-modeling process

## Try It / Solve It

1. Use the Internet to access the following sites and answer the questions below.

Oracle Technology Network  
Oracle Glossary of Terms  
Oracle Grid Computing Information  
Oracle 10g Information  
TechWeb Tech Encyclopedia

- a. Compare and contrast Oracle's grid database design to that of the local power company or the phone company.

- b. Record two ways in which they are the same and two ways in which they are different.

2. The SDLC is a step-by-step, systematic way for "getting the job done." Because the SDLC is such an effective way to solve problems, the process can be applied to many situations other than database design. For the businesses listed, give an example of how each might incorporate the SDLC.

Fast-food company  
Airplane manufacturer  
Bridge-building company  
Rock-star concert promoter  
Clothing designer

3. (Optional) The Oracle site <http://www.oracle.com/solutions/index.html> lists industries that Oracle has helped to revolutionize their data needs. Choose an industry to explore specific companies. Choose a company and write a brief report answering the questions:

- a. What is the company's primary business?
- b. What problems did this business seek to solve?
- c. How did Oracle help this business?