

Chapter 10

Database Design

Web Resources

1. [Telelogic System Architect for Enterprise Architecture and Business Process Analysis Software](#)
System Architect manufactured by Telelogic Software is a modelling application designed to provide tools necessary for development of enterprise systems. It is a close rival of Microsoft Visio Professional.
Available: <http://www.telelogic.com/products/systemarchitect/index.cfm>
2. [DotnetCoders - Guide to UML Diagrams](#)
UML is a modelling language for specifying, visualizing, constructing, and documenting the artefacts of a system-intensive process. This site discusses various types of structured and behavioural diagrams.
Available: <http://www.dotnetcoders.com/web/learning/uml/default.aspx>
3. [Database Design: The Semantic Modeling Approach](#)
Database Design: The Semantic Modelling Approach by Naphtali D. Rische - The entire book is online and looks at the database designing process from a semantic point of view. Author discusses various data models including hierarchical, network and object-oriented data models.
Available: <http://www.hpdrc.fiu.edu/library/books/datades-book/>
4. [Ten Common Database Design Mistakes](#)
A useful article which identifies the most common mistakes made in the database design phase.
Available: <http://www.simple-talk.com/sql/database-administration/ten-common-database-design-mistakes/>
5. [SQL Down Under](#)
A great website providing a variety of podcasts in database design and in SQL.
Available: <http://www.sqldownunder.com/>

6. [Database Design Resource](#)

This website repository provides discussions on database modelling and normalisation. There is also a database design forum which covers topics such as UML modelling, database models, database design tools etc.

Available: <http://www.databasedesign-resource.com/>

7. [Database Modelling Tools](#)

This website provides a list of Data Modelling Tools that are available from different vendors.

Available: http://www.databaseanswers.com/modelling_tools.htm

8. [Database Design and Development Examples](#)

This site from the company Sigma Technologies provides some examples of successful database design and development projects.

Available:

http://www.sigmer.com/products_services/database_solutions_examples.html