Data Model Design Requirements

Overview

Non-business data requirements are the standards and best practices required by the business when creating a logical/semantic data model. The requirements include:

- Using logical data types
- Analyzing the entity data structures
- Including change tracking in each database table row.

Logical Data Types

Reference to the web page on logical data types

Entity Structure

Reference to the web page on entity pattern structure

Row Audit Fields

An audit trail consists of a number of columns in each database table that contain who and when (userid, date, time) created or modified the record. The database table always enters the timestamp when a record is updated. The row metadata logical data type is used to create the row audit fields.