

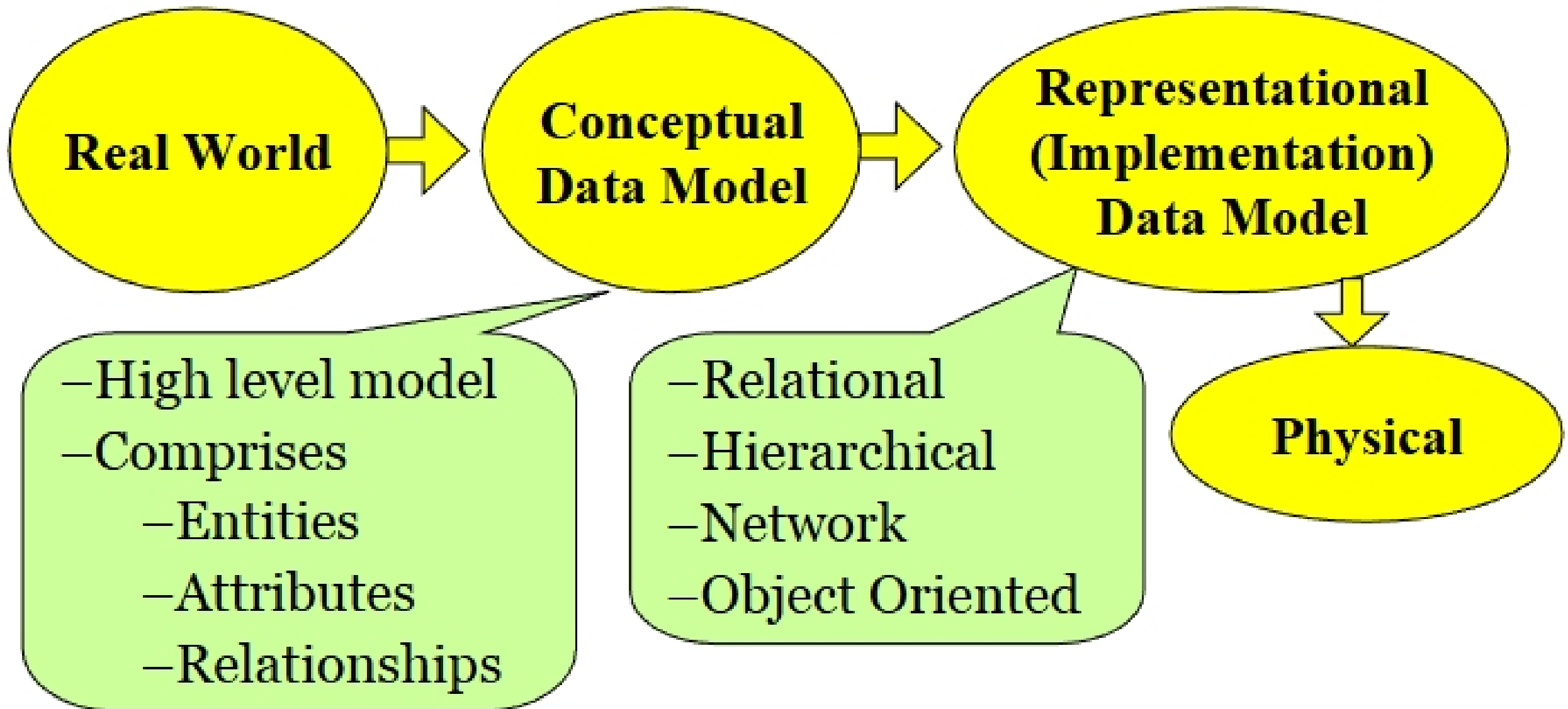


Data, Databases, and DBMSs

Todd S. Bacastow
January 2004



A Process of Mapping





Data Models

- A data model describes
 - the structure of a database
 - data types, relationships, constraints,
 - a set of basic operations
 - insert, delete, modify, retrieve
 - user-defined operations
 - for more dynamic database applications