

A Data Modeling Approach with E-R Table for the Representation of Enterprise System

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Abstract

A new representation of data modeling approach is proposed. The layout of E-R Table is designed to substitute form (E-R Diagram) of E-R model to offer much neater information of association, assembly, inheritance and nested relationship among entities for the enterprise system. Besides, the E-R Table approach supports a systematic procedure of collecting entities and relationships from real world and offer efficient rules for examining suspicious redundant relationships.

Keywords: E-R Table, E-R model, object-oriented, redundant relationships.