

Entity Relationship Diagram

Definitions:

entity something about which data is collected, stored, and maintained

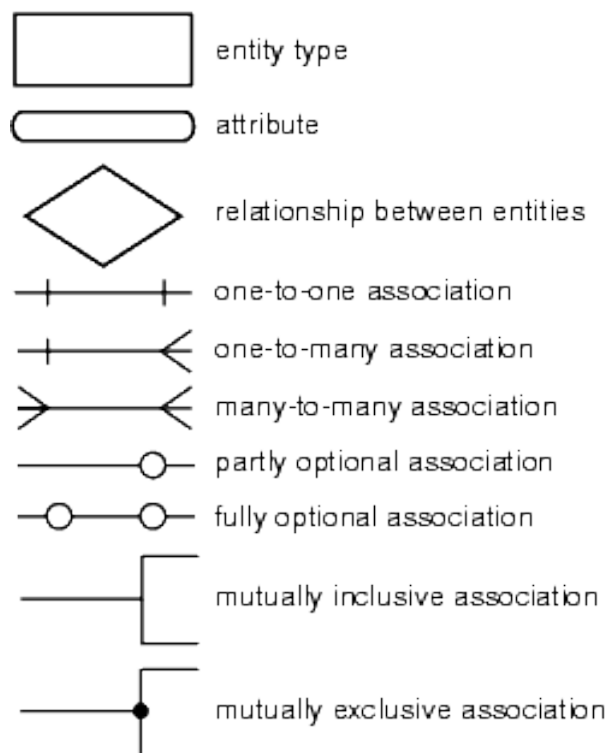
attribute a characteristic of an entity

relationship an association between entities

entity type a class of entities that have the same set of attributes

record an ordered set of attribute values that describe an instance of an entity type

Symbols:



Examples:

One A is associated with one B:



One A is associated with one or more B's:



One or more A's are associated with one or more B's:



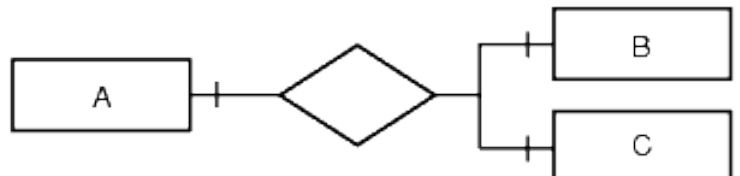
One A is associated with zero or one B:



One A is associated with zero or more B's:



One A is associated with one B and one C:



One A is associated with one B or one C (but not both):

