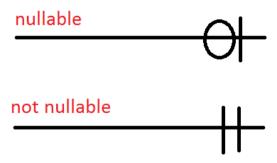


One is illustrated with a vertical line., Many is illustrated with 3 lines. Think of many as a crow's foot!

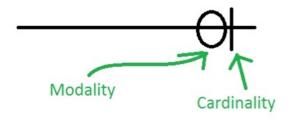
Modality

As cardinality is the maximum number of connections between table rows (either one or many), modality is the least number of row connections. Modality also only has two options, 0 being the least or 1 being the least.

We can also draw modality in our crow's foot notation. If the modality is zero or more, we put a little circle right beside the cardinality. If the modality is one or more, we put a vertical line next to the cardinality:

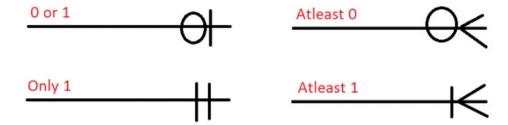


Here is an illustration of modality. Notice that we can put both cardinality and modality on the same line. Modality goes on the inside and cardinality goes on the outside.



Modality goes on the inside, cardinality on the outside.

Cardinality and modality together gives us four possible combinations:



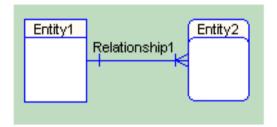
Cardinality — Oracle 中 到此的

One-to-many relationship is represented by this symbol:

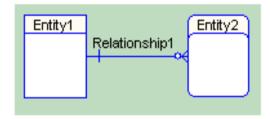
One-to-one relationship is represented by this symbol:



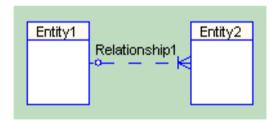
Parent: mandatory Child: mandatory



Parent: mandatory Child: optional



Parent: optional Child: mandatory



Parent: optional Child: optional

