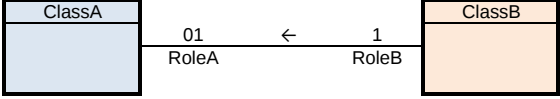
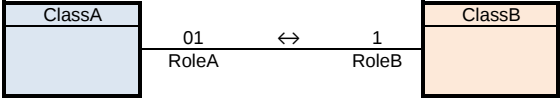
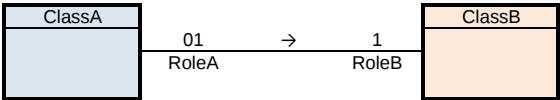
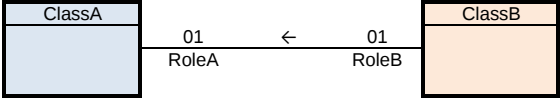
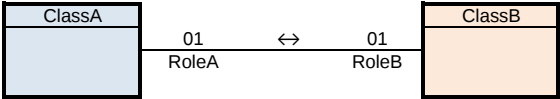
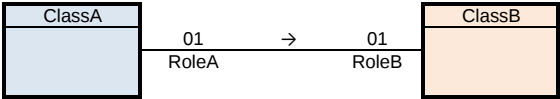


Livebase model

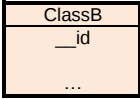
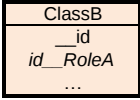
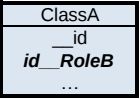
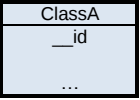
Relational mapping for Associations 01 -

N>n>0
Not null
Unique
Not null unique

Classes

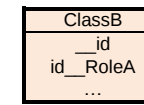
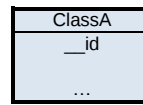
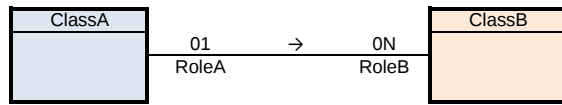


Tables

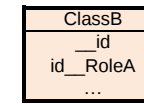
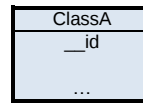
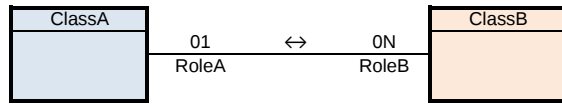


Unexpressed constraints

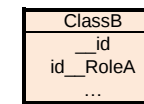
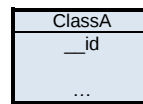
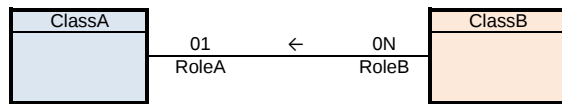
Not allowed by designer (RoleB must be navigable in order to create a ClassA object)



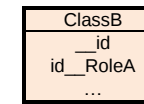
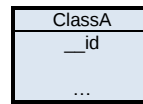
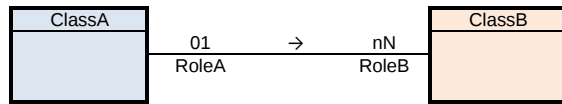
RoleB.max=N (se N<>*)



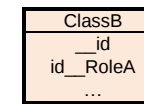
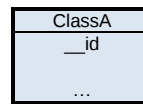
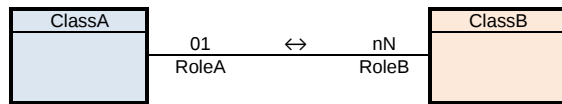
RoleB.max=N (se N<>*)



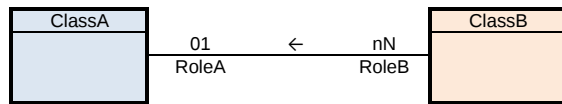
RoleB.max=N (se N<>*)



RoleB.min=n
RoleB.max=N (se N<>*)



RoleB.min=n
RoleB.max=N (se N<>*)



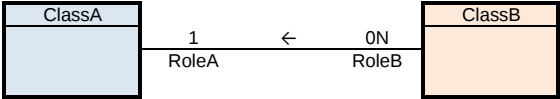
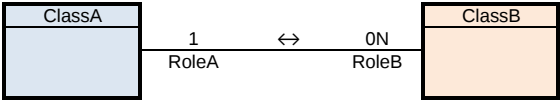
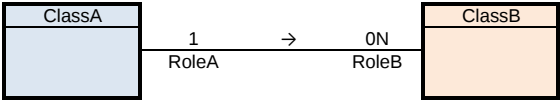
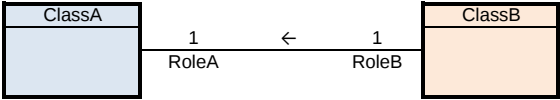
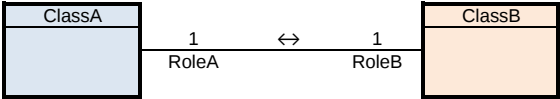
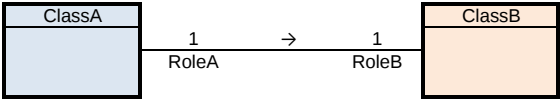
Not allowed by designer (RoleB must be navigable in order to create a ClassA object)

Livebase model

Relational mapping for Associations 1 -

N>n>0
Not null
Unique
Not null unique

Classes



Tables

Not allowed by designer (egg/chicken problem with ClassA and ClassB)
Not allowed by designer (RoleA must be navigable in order to create a ClassB object)

Not allowed by designer (egg/chicken problem with ClassA and ClassB)

Not allowed by designer (egg/chicken problem with ClassA and ClassB)
Not allowed by designer (RoleB must be navigable in order to create a ClassA object)

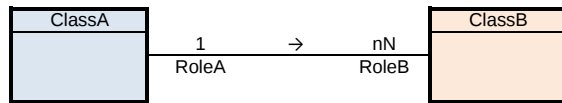
Not allowed by designer (RoleA must be navigable in order to create a ClassB object)



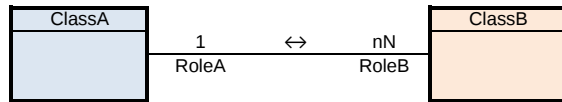
Unexpressed constraints

RoleB.max=N (se N<>*)

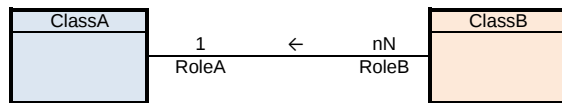
RoleB.max=N (se N<>*)



Not allowed by designer (egg/chicken problem with ClassA and ClassB)
Not allowed by designer (RoleA must be navigable in order to create a ClassB object)



Not allowed by designer (egg/chicken problem with ClassA and ClassB)



Not allowed by designer (egg/chicken problem with ClassA and ClassB)
Not allowed by designer (RoleB must be navigable in order to create a ClassA object)

Livebase model

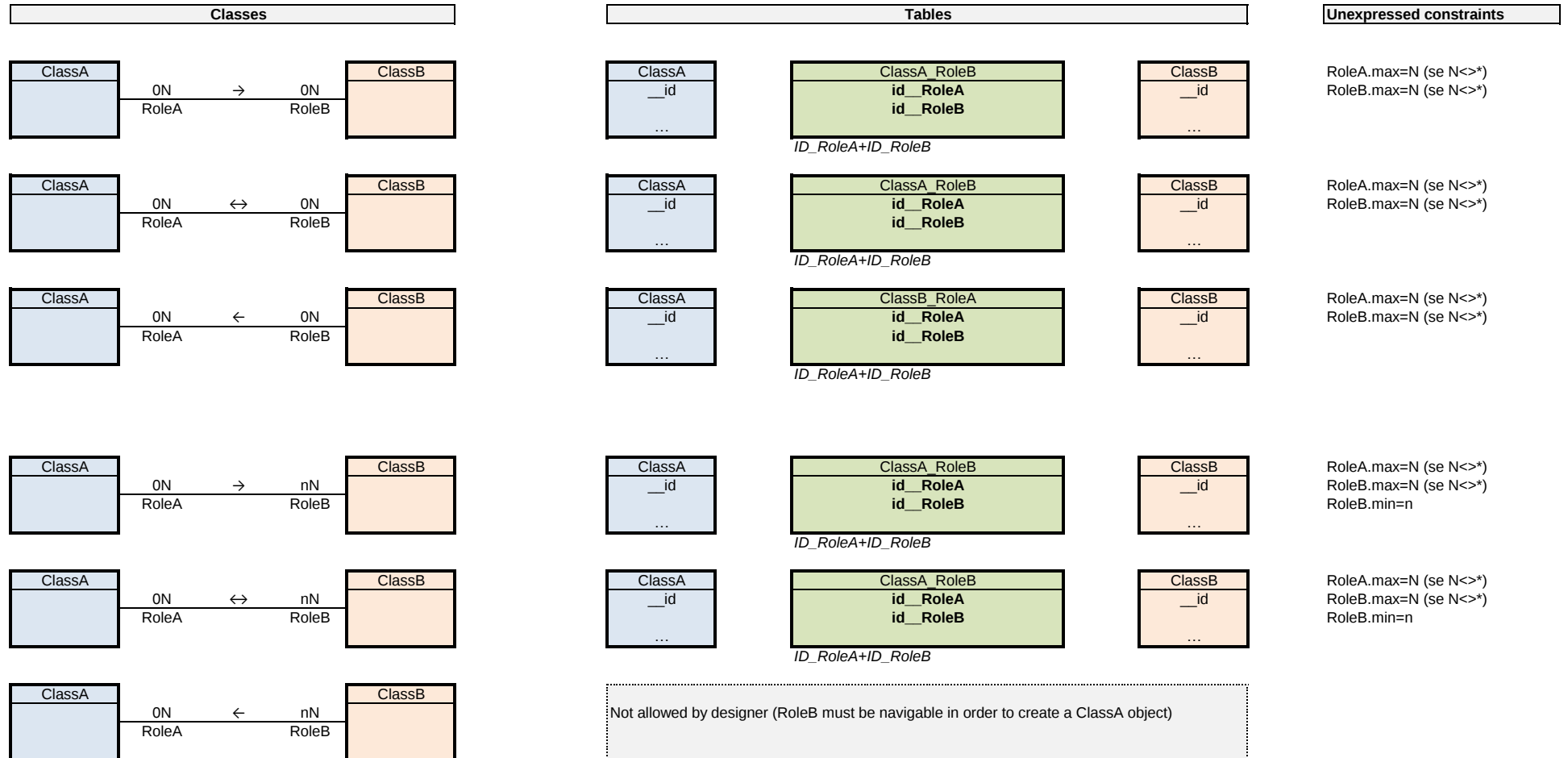
Relational mapping for **Associations** 0N -

$$N > n > 0$$

Not null

Unique

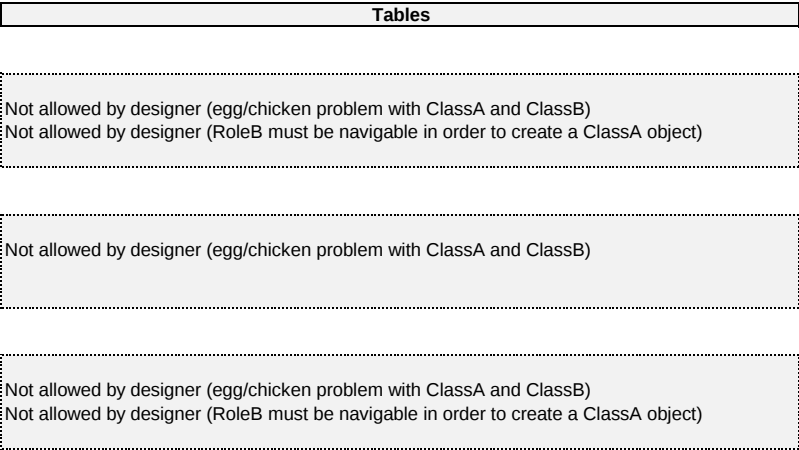
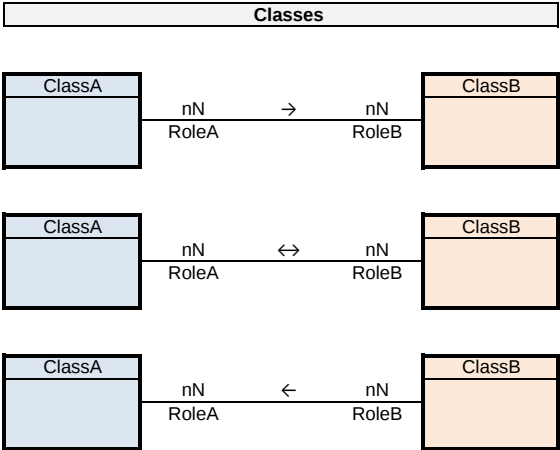
Not null unique



Livebase model

Relational mapping for Associations nN -

N>n>0
Not null
Unique
Not null unique



Unexpressed constraints

Livebase model

Relational mapping for compositions

N>n>0
Not null
Unique
Not null unique

