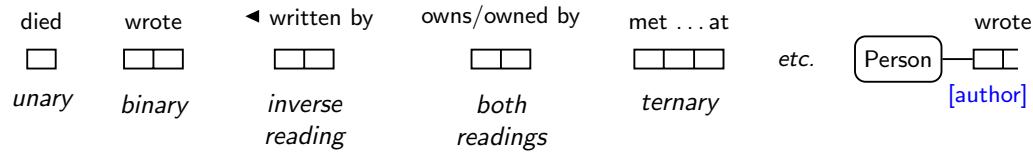
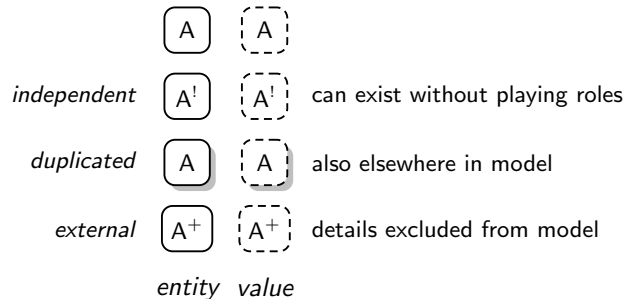


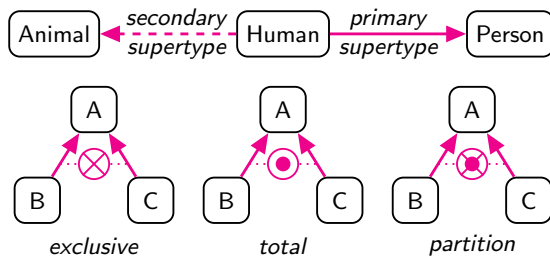
**n-ary predicates** are shown as sequence of  $n$  concatenated **role** boxes. Roles may have **role names**.



Each role must be connected to exactly one **object type**.



Object types are disjoint unless connected by **inheritance**.



Not included yet:

**uniqueness role constraints** (*internal* on one predicate and *external* between different predicates). Further constraints between roles: **exclusion**, *exclusive or*, *equality*, *subset/superset*, *equality*, *frequency*. **mandatory role constraints**, **ring constraints**, **value-comparison constraints**, **derived fact types**, **objectification**, object and role **value constraints**. **deontic constraints**, **implied model parts**.