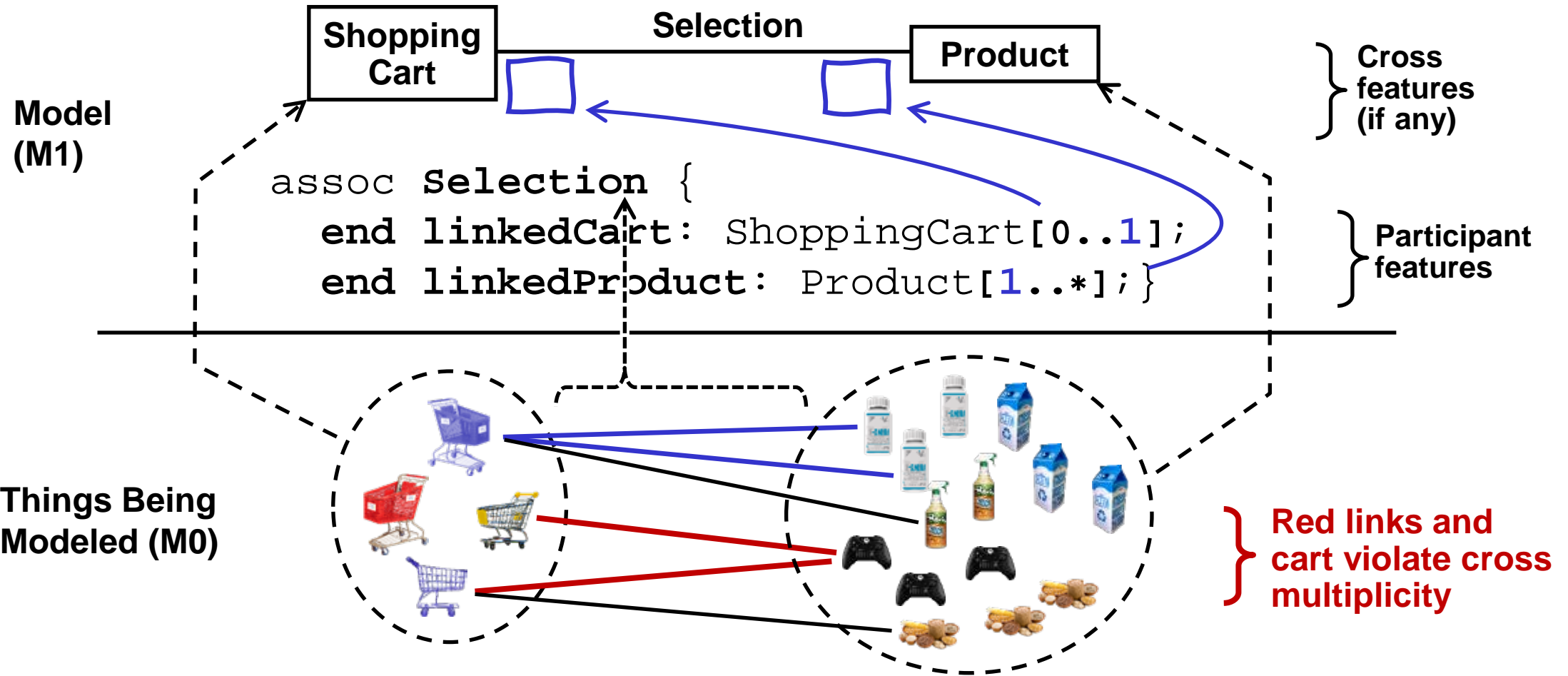


# Assoc Semantics (cross multiplicity)



§ **Every cart and product must satisfy cross multiplicity.**  
– via Selection links.

# SST Assoc Semantics (cross multiplicity)

§ **Informal** text currently.

§ **Applies only to instances of association (links),**  
– **rather than instances of the associated classifiers.**

[7.4.5] if an association end has a multiplicity specified other than 1..1, then this is interpreted as follows: *For each association end, the multiplicity, ordering and uniqueness constraints specified for that end **apply to each set of instance of the association that have the same (single) values for each of the other ends.*** For a binary association, this corresponds to the multiplicity resulting from "navigating" across the association given a value at one end of the association to the other end of the association.

[8.4.4.5.1] If an associationEnd has a declared multiplicity other than 1..1, then this shall be interpreted as follows: For an Association with  $N$  associationEnds, consider the  $i$ -th associationEnd  $e_i$ . *The multiplicity, ordering and uniqueness constraints specified for  $e_i$  **apply to each set of instances of the Association that have the same (singleton) values for each of the  $N-1$  associationEnds other than  $e_i$ .***

# SST Assoc Semantics (cross multiplicity)

