

Class with subproperty without a range

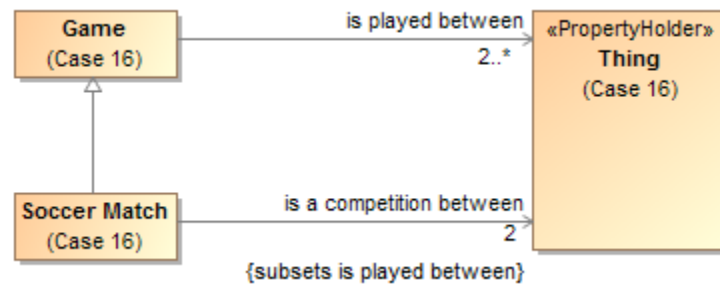


Figure 1: A class with subproperty that has no range.

```
Ontology(<http://nomagic.com/ontology/example-case/case-16>
  Declaration(
    Class(:Game)
  )
  Declaration(
    Class(:SoccerMatch)
  )
  Declaration(
    ObjectProperty(:isACompetitionBetween)
  )
  Declaration(
    ObjectProperty(:isPlayedBetween)
  )
  AnnotationAssertion(rdfs:label :Game "Game"@en)
  SubClassOf(
    :Game
    ObjectIntersectionOf(
      ObjectMinCardinality(2 :isPlayedBetween)
    )
  )
  AnnotationAssertion(rdfs:label :SoccerMatch "Soccer Match"@en)
  SubClassOf(:SoccerMatch :Game)
  SubClassOf(
    :SoccerMatch
    ObjectIntersectionOf(
      ObjectMaxCardinality(2 :isACompetitionBetween)
      ObjectMinCardinality(2 :isACompetitionBetween)
    )
  )
  AnnotationAssertion(rdfs:label :isACompetitionBetween "is a competition between"@en)
  SubObjectPropertyOf(:isACompetitionBetween :isPlayedBetween)
  ObjectPropertyDomain(:isACompetitionBetween :SoccerMatch)
  AnnotationAssertion(rdfs:label :isPlayedBetween "is played between"@en)
  ObjectPropertyDomain(:isPlayedBetween :Game)
)
```

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