

Property holder with subproperty

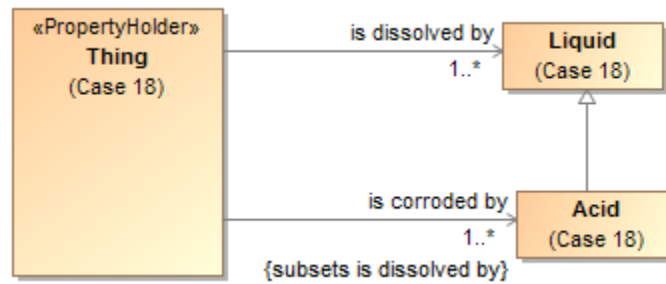


Figure 1: A property with subproperty.

```
Ontology(<http://nomagic.com/ontology/example-case/case-18>
  Declaration(
    Class(:Acid)
  )
  Declaration(
    Class(:Liquid)
  )
  Declaration(
    ObjectProperty(:isCorrodedBy)
  )
  Declaration(
    ObjectProperty(:isDissolvedBy)
  )
  AnnotationAssertion(rdfs:label :Acid "Acid"@en)
  SubClassOf(:Acid :Liquid)
  AnnotationAssertion(rdfs:label :Liquid "Liquid"@en)
  SubClassOf(
    owl:Thing
    ObjectIntersectionOf(
      ObjectMinCardinality(1 :isCorrodedBy :Acid)
    )
  )
  SubClassOf(
    owl:Thing
    ObjectIntersectionOf(
      ObjectMinCardinality(1 :isDissolvedBy :Liquid)
    )
  )
  AnnotationAssertion(rdfs:label :isCorrodedBy "is corroded by"@en)
  SubObjectPropertyOf(:isCorrodedBy :isDissolvedBy)
  ObjectPropertyRange(:isCorrodedBy :Acid)
  AnnotationAssertion(rdfs:label :isDissolvedBy "is dissolved by"@en)
  ObjectPropertyRange(:isDissolvedBy :Liquid)
)
```

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