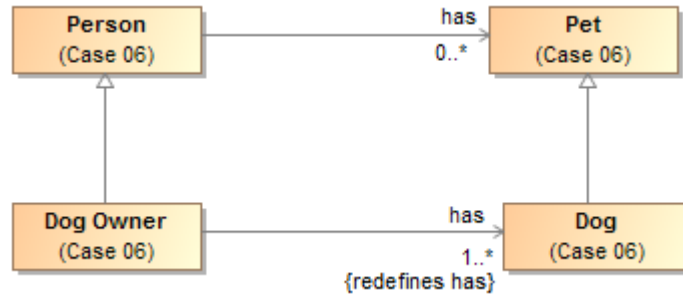


Class with universal quantification constraint on property I



A class with universal quantification constraint on property I.

```
Ontology(<http://nomagic.com/ontology/example-case/case-06>
  Declaration(
    Class(:Dog)
  )
  Declaration(
    Class(:DogOwner)
  )
  Declaration(
    Class(:Person)
  )
  Declaration(
    Class(:Pet)
  )
  Declaration(
    ObjectProperty(:has)
  )
  AnnotationAssertion(rdfs:label :Dog "Dog"@en)
  SubClassOf(:Dog :Pet)
  AnnotationAssertion(rdfs:label :DogOwner "Dog Owner"@en)
  SubClassOf(:DogOwner :Person)
  SubClassOf(
    :DogOwner
    ObjectIntersectionOf(
      ObjectMinCardinality(1 :has :Dog)
      ObjectAllValuesFrom(:has :Dog)
    )
  )
  AnnotationAssertion(rdfs:label :Person "Person"@en)
  AnnotationAssertion(rdfs:label :Pet "Pet"@en)
  AnnotationAssertion(rdfs:label :has "has"@en)
  ObjectPropertyDomain(:has :Person)
  ObjectPropertyRange(:has :Pet)
)
```

Related page

- [UML to Equivalent OWL in OWL Functional Syntax](#)