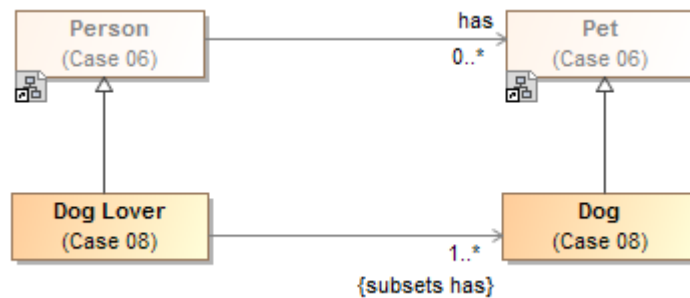


# Class with existential quantification constraint on property



A class with existential quantification constraint on property.

```
Ontology(<http://nomagic.com/ontology/example-case/case-08>
  Import(<http://nomagic.com/ontology/example-case/case-06>)
  Declaration(
    Class(<http://nomagic.com/ontology/example-case/case-06#Person>)
  )
  Declaration(
    Class(<http://nomagic.com/ontology/example-case/case-06#Pet>)
  )
  Declaration(
    Class(:Dog)
  )
  Declaration(
    Class(:DogLover)
  )
  Declaration(
    ObjectProperty(<http://nomagic.com/ontology/example-case/case-06#has>)
  )
  AnnotationAssertion(rdfs:label :Dog "Dog"@en)
  SubClassOf( :Dog <http://nomagic.com/ontology/example-case/case-06#Pet>)
  AnnotationAssertion(rdfs:label :DogLover "Dog Lover"@en)
  SubClassOf( :DogLover <http://nomagic.com/ontology/example-case/case-06#Person>)
  SubClassOf(
    :DogLover
    ObjectIntersectionOf(
      ObjectMinCardinality(1 <http://nomagic.com/ontology/example-case/case-06#has> :Dog)
      ObjectSomeValuesFrom(<http://nomagic.com/ontology/example-case/case-06#has> :Dog)
    )
  )
)
```

## Related page

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