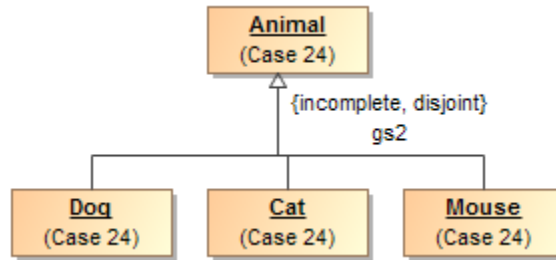


# Generalization with disjoint subclasses



Generalization with disjoint subclasses.

```
Ontology(<http://nomagic.com/ontology/example-case/case-24>
  Declaration(
    Class(:Animal)
  )
  Declaration(
    Class(:Cat)
  )
  Declaration(
    Class(:Dog)
  )
  Declaration(
    Class(:Mouse)
  )
  SubClassOf(:Cat :Animal)
  SubClassOf(:Dog :Animal)
  SubClassOf(:Mouse :Animal)
  DisjointClasses(:Cat :Dog)
  DisjointClasses(:Cat :Mouse)
  DisjointClasses(:Dog :Mouse)
  AnnotationAssertion(rdfs:label :Animal "Animal"@en)
  AnnotationAssertion(rdfs:label :Cat "Cat"@en)
  AnnotationAssertion(rdfs:label :Dog "Dog"@en)
  AnnotationAssertion(rdfs:label :Mouse "Mouse"@en)
)
```

## Related page

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