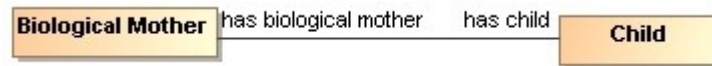


# Class with inverse property



A class with inverse property.

```
Ontology(<http://example.com/ontology/Unnamed>
Annotation(rdfs:label "Example"^^xsd:string)

Declaration(Class(:BiologicalMother))
Declaration(Class(:Child))
Declaration(ObjectProperty(:hasBiologicalMother))
Declaration(ObjectProperty(:hasChild))

#####
#   Object Properties
#####

# Object Property: :hasBiologicalMother (has biological mother)

AnnotationAssertion(rdfs:label :hasBiologicalMother "has biological mother"^^xsd:string)
InverseObjectProperties(:hasChild :hasBiologicalMother)
ObjectPropertyDomain(:hasBiologicalMother :Child)
ObjectPropertyRange(:hasBiologicalMother :BiologicalMother)

# Object Property: :hasChild (has child)

AnnotationAssertion(rdfs:label :hasChild "has child"^^xsd:string)
ObjectPropertyDomain(:hasChild :BiologicalMother)
ObjectPropertyRange(:hasChild :Child)

#####
#   Classes
#####

# Class: :BiologicalMother (Biological Mother)

AnnotationAssertion(rdfs:label :BiologicalMother "Biological Mother"^^xsd:string)

)
```

## Related page

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