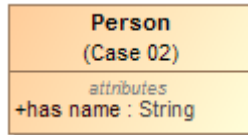


Class with Datatype property



A class with datatype property.

```
Ontology(<http://nomagic.com/ontology/example-case/case-02>
Import(<http://www.omg.org/spec/PrimitiveTypes/20100901>)
Declaration(
Class(:Person)
)
Declaration(
DataProperty(:hasName)
)
Declaration(
AnnotationProperty(<http://purl.org/dc/terms/description>)
)
Declaration(
Datatype(xsd:string)
)
AnnotationAssertion(rdfs:label
:Person "Person"@en)
SubClassOf(
:Person
ObjectIntersectionOf(
DataMaxCardinality(1
:hasName xsd:string)
DataMinCardinality(1
:hasName xsd:string)
)
)
AnnotationAssertion(rdfs:label
:hasName "has name"@en)
DataPropertyDomain(:hasName
:Person)
DataPropertyRange(:hasName
xsd:string)
AnnotationAssertion(http://purl.org/dc/terms/description
<http://www.omg.org/spec/PrimitiveTypes/20100901#String> "An
instance of String defines a piece of text. The semantics of the string itself
depends on its purpose, it can be a comment, computational language expression,
OCL expression, etc. It is used for String attributes and String expressions in
the metamodel."@en)
)
```

Related page

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