

Exercise 1:

foaf:maid	rdfs:domain	foaf:Agent
foaf:maid	rdfs:range	foaf:Document

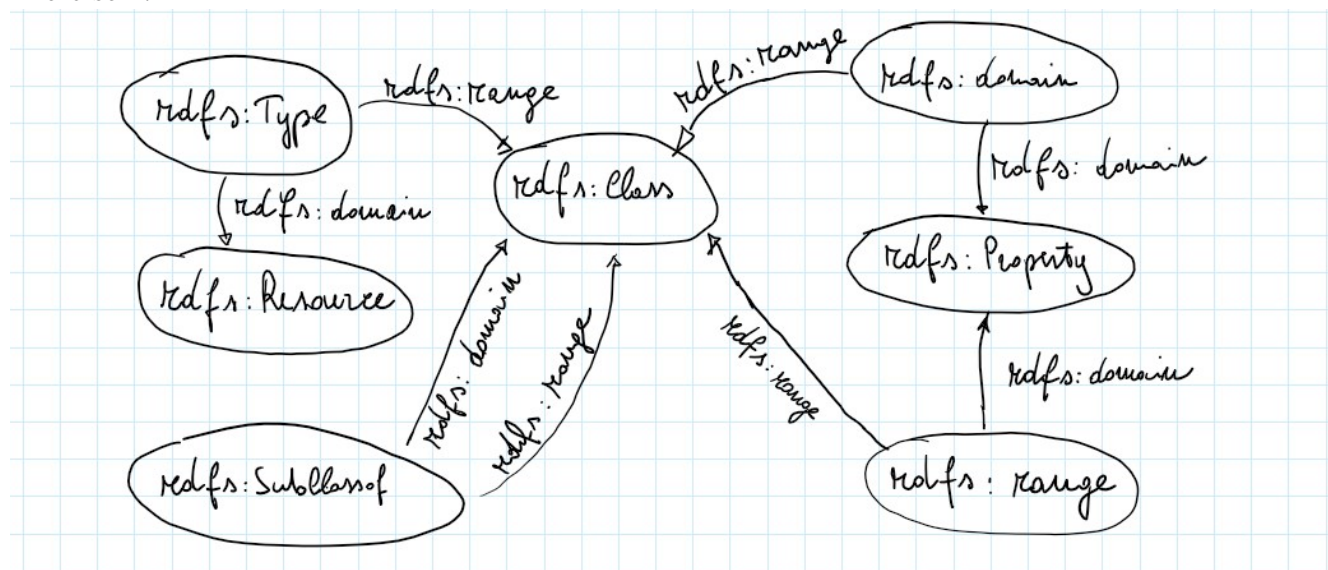
foaf:Person	rdfs:SubClassOf	foaf:Agent
p:douge	rdf:type	foaf:Person

p:timbl	foaf:made	l:im
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p:timbl	rdf:type	foaf:Agent (rdfs 2)
l:im	rdf:type	foaf:Document (rdfs 3)
p:douge	rdf:type	foaf:Agent (rdfs 9)

p:timbl	rdf:type	rdfs:Resources (rdfs 4a)
l:im	rdf:type	rdfs:Resources (rdfs 4b)

Exercise 2:



Moreover:

p:douge	rdf:type	rdfs:Resources (rdfs 2)
foaf:Person	rdf:type	rdfs:Class (rdfs 3)
foaf:made	rdf:type	rdfs:Property (rdfs 2)
foaf:Agent	rdf:type	rdfs:Class (rdfs 3)
foaf:Document	rdf:type	rdfs:Class (rdfs 3)
foaf: Person	rdf:SubClassOf	rdfs:Resources (rdfs 8)
foaf:Agent	rdf:SubClassOf	rdfs:Resources (rdfs 8)
foaf:Document	rdf:SubClassOf	rdfs:Resources (rdfs 8)

Exercise 3:

1)

ex:HallucinogenicSubstance	rdfs:SubClassOf	ex:PsycoactiveDrug
ex:PsycoactiveDrug	rdfs:SubClassOf	ex:Drug

ex:HallucinogenicSubstance	rdfs:SubClassOf	ex:Drug
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2)

ex:Mescaline	rdfs:Type	ex:HallucinogenicSubstance
ex:HallucinogenicSubstance	rdfs:SubClassOf	ex:PsycoactiveDrug
ex:PsycoactiveDrug	rdfs:SubClassOf	ex:Drug

ex:Mescaline	rdfs:Type	ex:Drug
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3)

ex:isActiveChemicalOf	rdfs:SubClassOf	ex:occursIn
ex:occursIn	rdfs:domain	ex:Drug

ex:isActiveChemicalOf	rdfs:domain	ex:Drug
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4) Can't be inferred

5)

Reflexivity Property

ex:PsycoactiveDrug	rdfs:SubClassOf	ex:PsycoactiveDrug
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