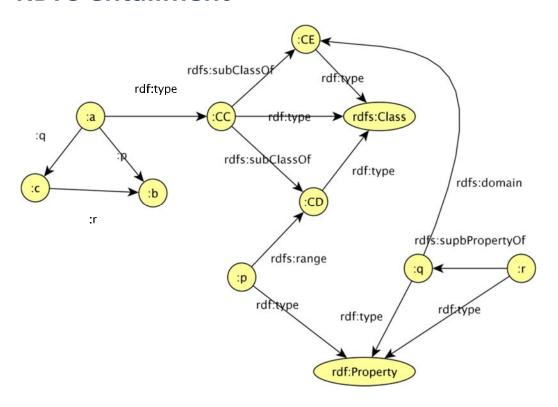
Exercise on RDFS entailment

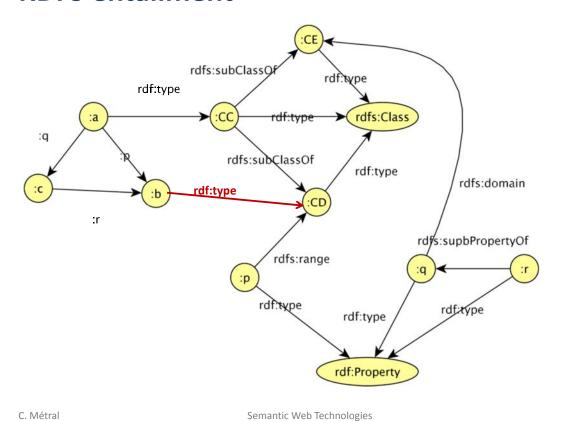
C. Métral

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RDFS entailment



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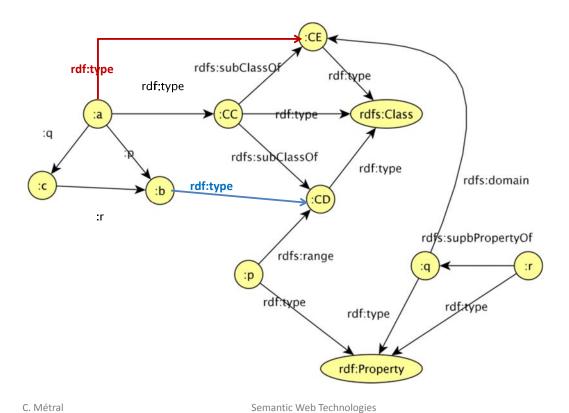
RDFS entailment

:a :p :b.

:p rdfs:range :CD.



:b rdf:type :CD.



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RDFS entailment

:a :q :c.

:q rdfs:domain :CE.



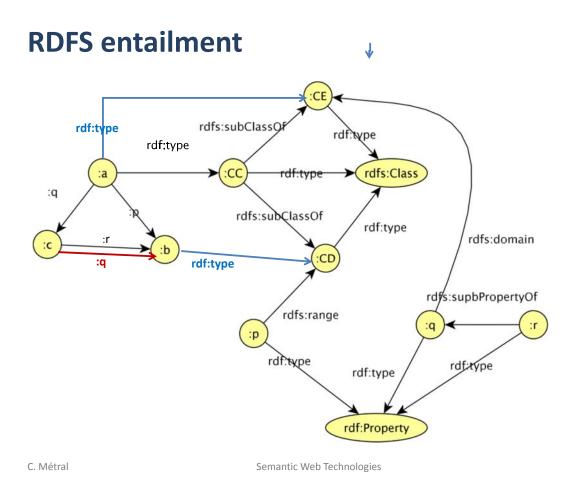
:a rdf:type :CE.

:a rdf:type :CC.

:CC rdfs:subClassOf :CE.



:a rdf:type :CE.



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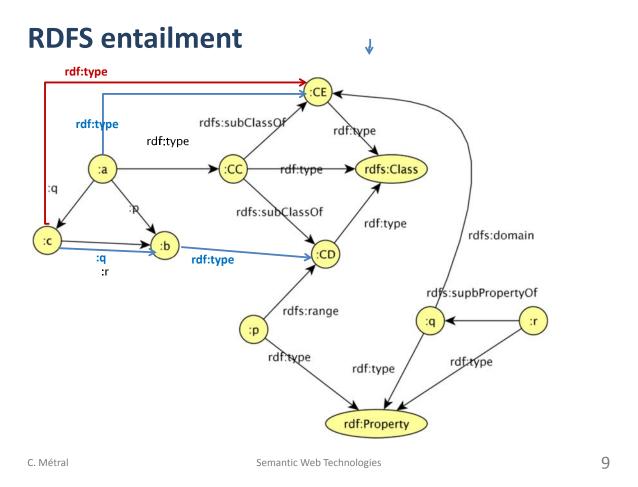
RDFS entailment

:c :r :b.

:r rdfs:subPropertyOf :q .



:c :q :b.



:c :r :b.

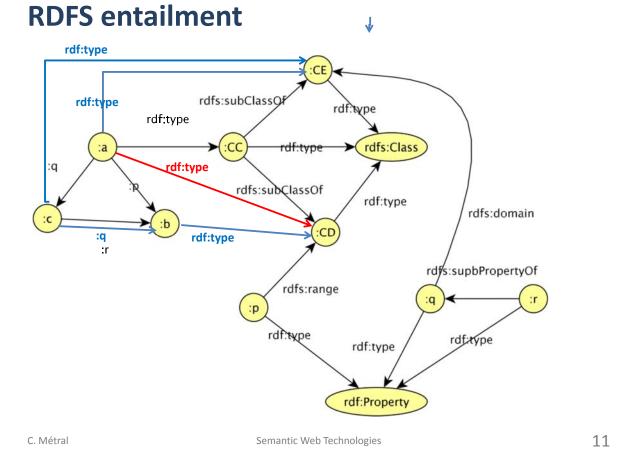
:r rdfs:subPropertyOf :q .

:c :q :b.

:q rdfs:domain :CE.



:c rdf:type :CE.



:a rdf:type :CC.

:CC rdfs:subClassOf :CD .



:a rdf:type :CD.

RDFS entailment rdf:type :CE rdfs:subClassQf rdf:type rdf:type rdf:type rdfs:Class :a rdf:type :q rdfs:subClassOf rdf:type rdfs:domain rdf:type rd/s:supbPropertyOf rdfs:range :q :p rdf:type rdfitype rdf:type rdf:Property

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