

:hasChild (a rdf:Property)  
:Parent a owl:Class.

:Parent owl:equivalentClass

[ a owl:Restriction ;  
owl:onProperty :hasChild ;  
owl:someValuesFrom owl:Thing ] .

:john a :Parent .

$\rightarrow \equiv 10, 1EG, "10" \text{^^xsd:int} \dots$

Jan 11-14:05

:capital <sup>1)</sup> rdfs:domain :County ;  
<sup>2)</sup> rdfs:range :City .

DL:

1)

County  $\equiv \exists \text{capital.T}$

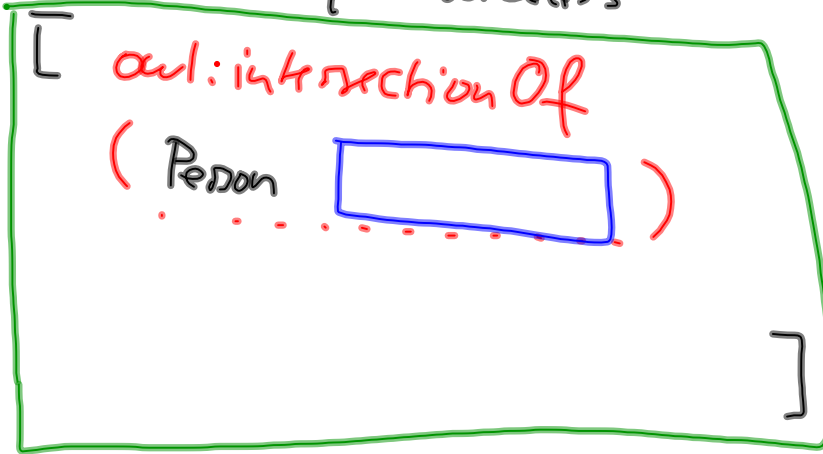
2)

T  $\equiv \forall \text{capital.City}$

Jan 11-14:52

Parent  $\equiv$  Person  $\sqcap$  [  $\exists$ hasChild.T ]

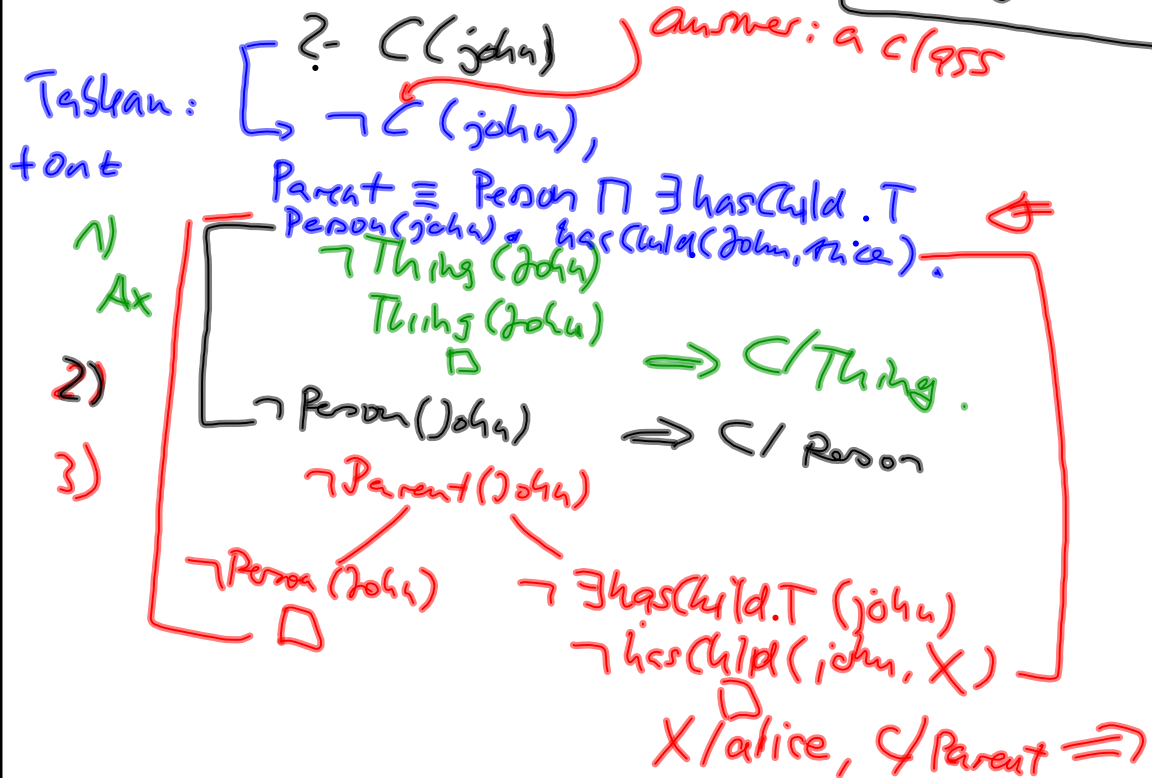
:Parent owl:equivalentClass



Jan 11-15:23

?- John a C.

SLIDE 30A



Jan 11-15:34