



Dez 12-10:13

$isa(X, C2) :- subclassOf(C1, C2), isa(X, C1).$   
 ~~$P_2(X, Y) :- subproperty(P_1, P_2), P_1(X, Y)$~~  *2nd idea*  
 $holds(X, P_2, Y) :- subproperty(P_1, P_2), holds(X, P_1, Y).$   
 $isa(X, C) :- domain(P, C), holds(X, P, _).$   
 $isa(Y, D) :- range(P, D), holds(_, P, Y).$   
*owl:*  
 $holds(X, P, Z) :- isa(P, transitiveProperty), holds(X, P, Y), holds(Y, P, Z).$

Dez 12-10:27

~~<rdf:Desc about="john">~~  
~~<rdf:Desc self:resource="!..Person"/>~~  
 → <child>  
 <rdf:Desc<sup>Person</sup> about="John" age="35">  
 <age>35</age>  
 <name>...</name>  
 </child>  
 </>

"Stopped RDF/XML"

CPCP literal

Dez 12-10:46

result:

// Country [name = "Germany"]  
 // Province / name

list

// Country [name = "Germany"]  
 // hasProvince [self:resource="..."]  
 // Province [self:about = "..."]  
 // name

<rdf>  
 <Country about="de" name="...">  
 <hasProv self:res="...">  
 <Province>  
 <name>Bavaria</name>  
 </Province>  
 </hasProv>  
 </Country>  
 <Prov about="Bavaria">  
 </Prov>  
 </rdf>

Dez 12-11:24

N3:

<hammer> a: City;  
                  : population

[ :value 525000 ; :year 1995 ]

=> PDF/XML

<City name="Hammer" ref:about="...">

<population>

<Population # value="..." year="...">

<value>525000</value>  
<year>1995</year>

parseType="xml"

</></></>