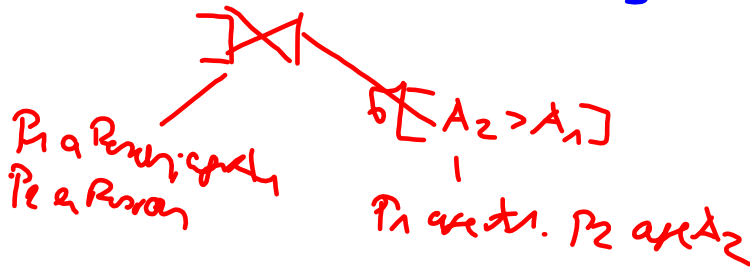


back to SPINDEL:

{
 ?P₁ a:Person ; :age A₁ .
 ?P₂ a:Person

optional {
~~?P₁ a:Person~~
 eye ?A₁ .
~~?P₂ a:Person~~
 eye ?A₂
 Filter (A₂ > A₁) }
 }



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7.4b)

Select ?N
 where {C a:Country ; :pop ?P ; :name ?N }
 :hasCity ?X ; :pop ?XP
 Filter (?XP ≥ 0.25 * ?P) }
 R

automatically filter-safe

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2.4.c)

Select ?N

where { ?C a :Country ;: pop ?P ;: name ?N

OPTIONAL }

?C : hasCity ?X ;: pop ?XP } P

Filter (! ?XP ≥ 0.25 * ?P) } R

Filter (!BOUND(?X))

var(R) ~~≠~~ var(P)

?C a country can optionally also be required (more efficient!)

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8/15/5

where { { ?C a :Country ;: hasCity ?Cf }

UNION

{ ?C a :Country ;: hasProvince ?X ;: hasCity ?Cf }

Sort by ?C

Many count(?C)

Jan 13-11:01

SL 165 :

OneChildParent (x)

$$\leftrightarrow \exists 1 y : \text{child}(x, y)$$

$$\leftrightarrow \exists y : \text{child}(x, y)$$

$$\wedge \forall y, z : (\text{child}(x, y) \wedge \text{child}(x, z) \rightarrow y = z)$$

"age" ist Funktion ($\rightarrow x = z$)

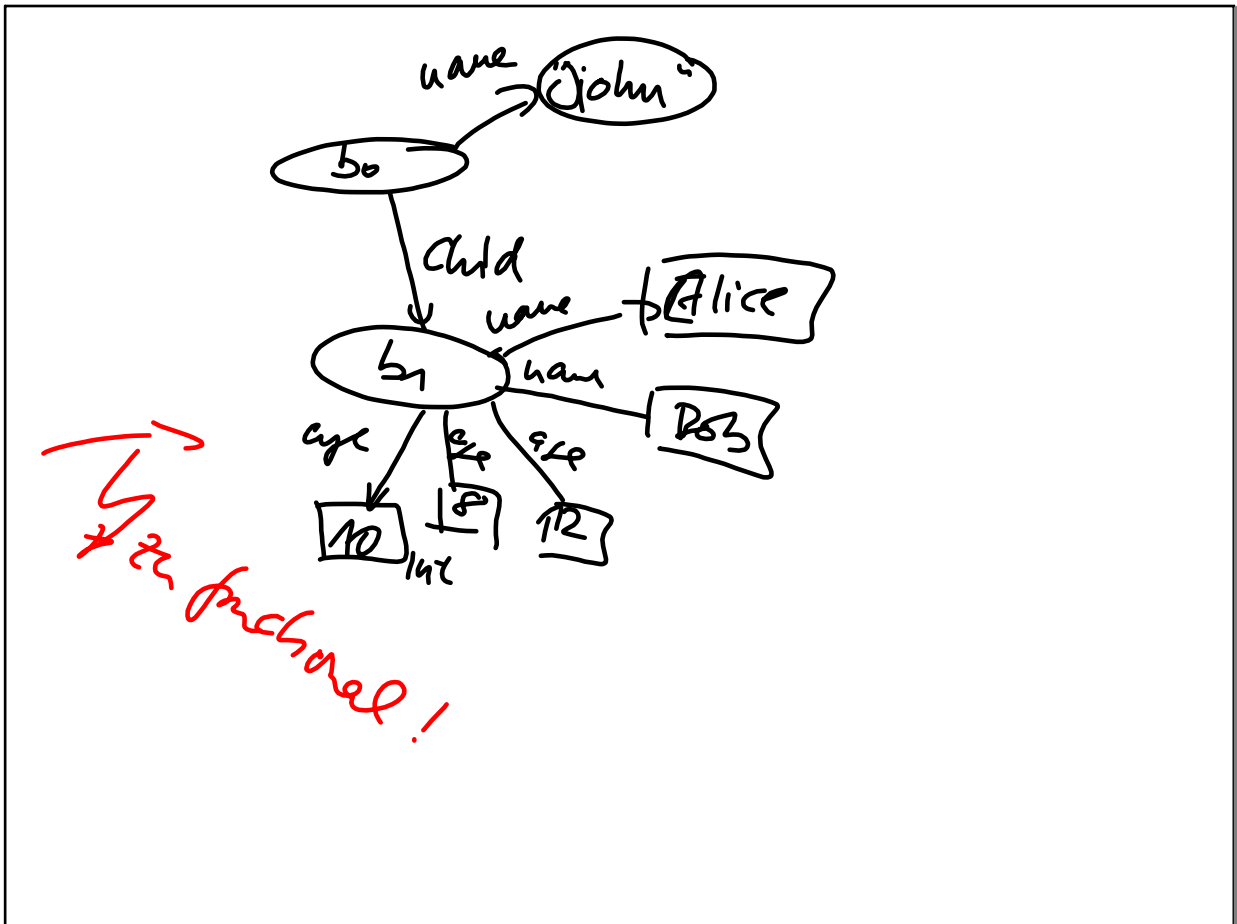
Aktion

DL $\forall x, a, b, \text{age}(x, a) \wedge \text{age}(x, b) \rightarrow a = b$

OneChildParent \equiv 1 hasChild.Thing

Thing \equiv ≤ 1 age. Non Negative Integer

Jan 13-11:25



Jan 13-11:32