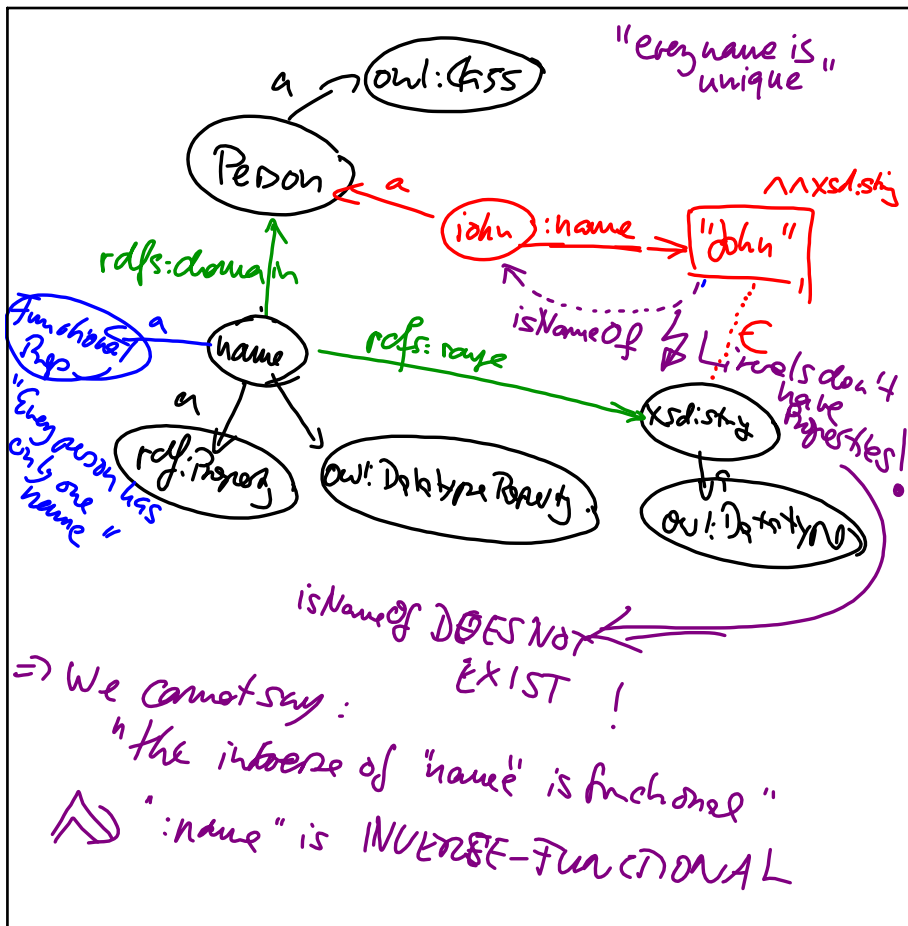


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SE 308

$$\text{Paradox} \equiv \neg \text{Paradox}$$

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SE 309

A

B

$$\text{Union 1} \equiv A \cup B$$

$$\text{Comp A} \equiv \neg A$$

$$\text{Comp B} \equiv \neg B$$

$$\text{Intersect Comps} \equiv \text{Comp A} \cap \text{Comp B}$$

$$\text{Union 2} \equiv \neg \text{Intersect Comps}$$

$$\equiv \neg (\text{Comp A} \cap \text{Comp B})$$

$$\equiv \neg \text{Comp A} \cup \neg \text{Comp B}$$

$$\equiv \neg(\neg A) \cup \neg(\neg B)$$

$$\equiv A \cup B$$

$$\text{Union 1} \equiv \text{Union 2}$$

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SL 310:

$$\text{Person} \equiv \text{Male} \cup \text{Female}$$

$$\text{Eq To Person} \equiv \text{Female} \cup \text{Male}$$

male union Person a Person.

\Rightarrow we do not know whether u is M or F
 $(M \cup F)(u)$

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SL 312

$$\rightarrow C1 \equiv A \cap B$$

?

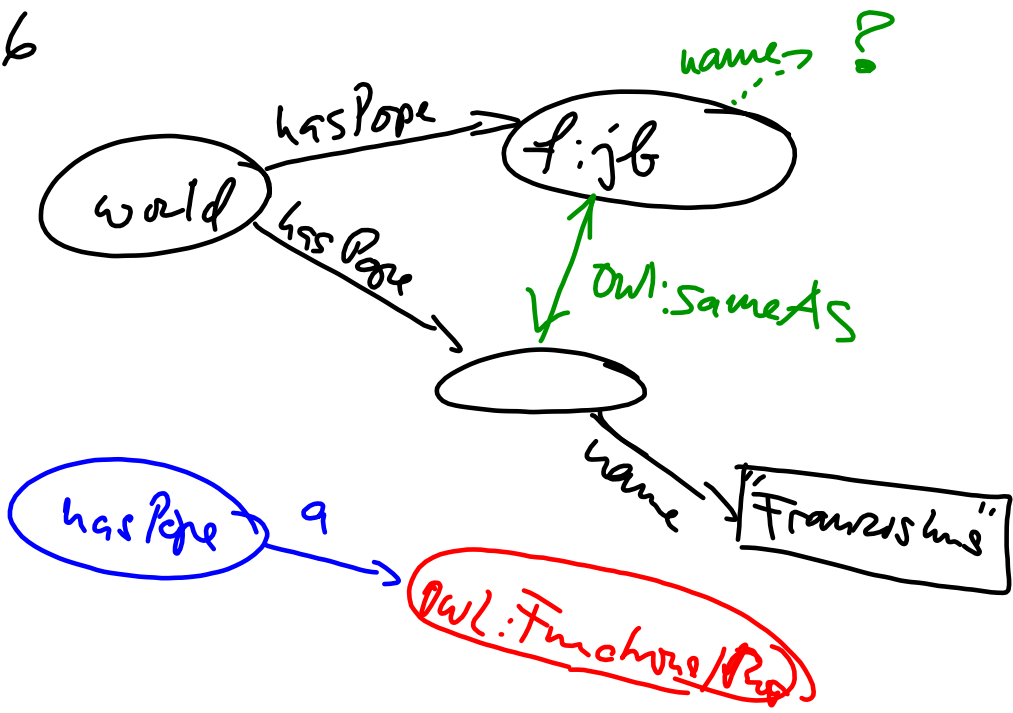
$$C2 \subseteq A$$

$$C2 \subseteq B$$

? \rightarrow Monday

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SE 316



Jun 23-15:41