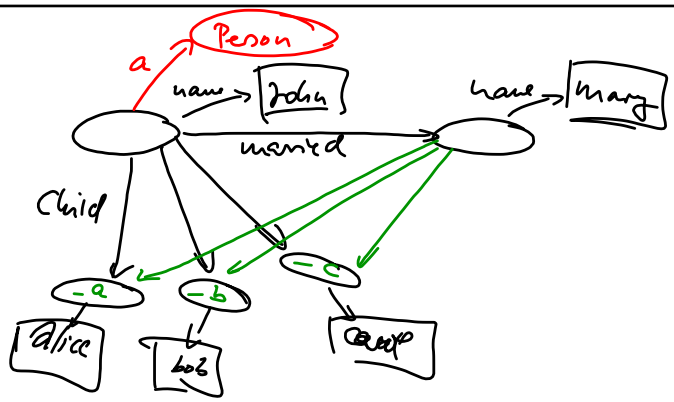

black fragment : use one two variables

$\exists x : name(x, \text{'John'}) \wedge age(x, 35)$
$\wedge \exists y : (child(x,y) \wedge name(y, Alice) \wedge age(y, 10))$
$\wedge \exists y : ((child(x,y) \wedge name(y, Bob) \wedge age(y, 8))$
$\wedge \exists y : (child(x,y) \wedge name(y, Carol) \wedge age(y, 12))$

$\Rightarrow$ the y's can be bound to 3 different things - or to the same ones

$\rightsquigarrow$ open world

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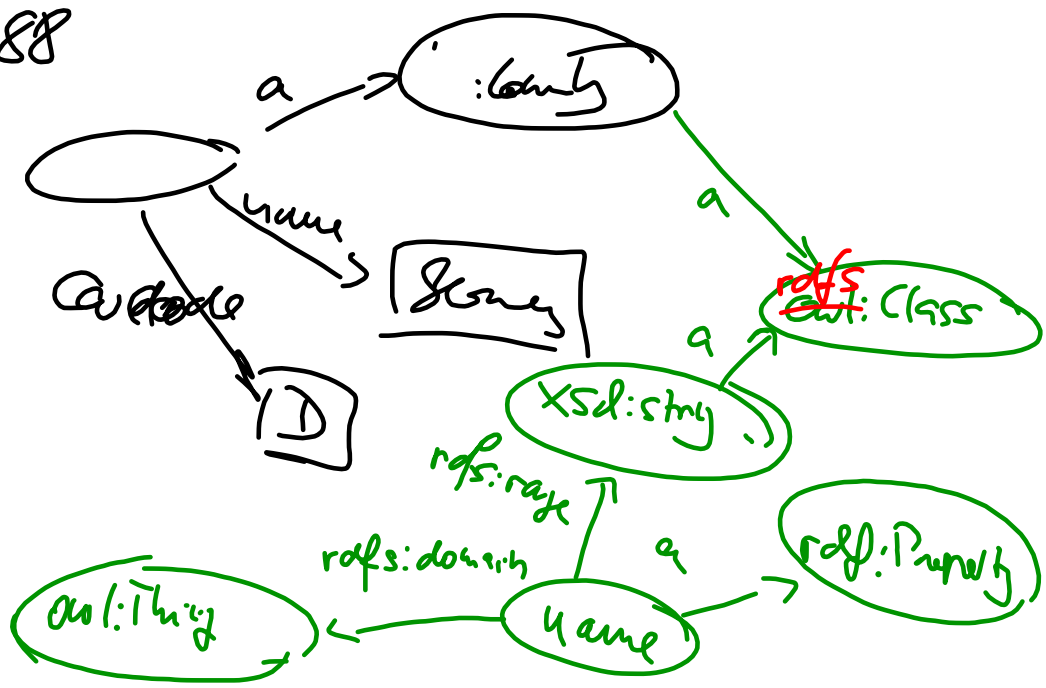

Jun 7-11:10