$\text{Parent} \equiv \text{Person} \sqcap \exists \text{child}.\text{Person}$

DL

OWL in RDF triples

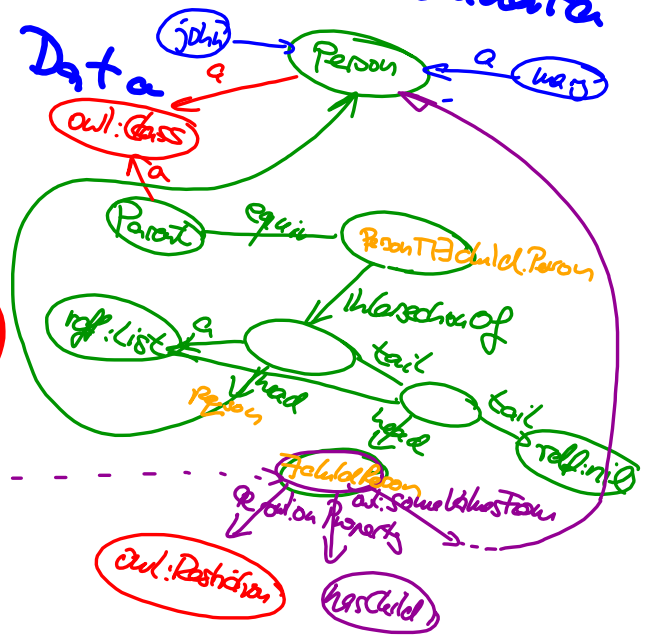
Metadata

Parent(john).

Data

$\Rightarrow$ Person(john)

$\exists x.(\text{Person}(x) \; \text{child}(\text{john}, x))$



Class of all things that have some child.

$\text{Carnivore} \equiv \exists \text{eats}.\text{Animal}$

$\text{Herbivore} \equiv \forall \text{eats}.\text{Plant}$

$\text{Animals} \sqsubseteq \exists \text{eats}.\top$