









Konzeptkennungen (keine Formeln)

→ haben Interpretation ↴

Male

$$john \in I(\text{male})$$

$$I(\text{male}) = \{ john, bob, \dots \}$$

Female

$$I(\text{female}) = \{ mary, alice, \dots \}$$

Person \equiv Male \sqcup Female

Konzepte

$$\Rightarrow I(\text{Person}) = I(\text{Male}) \cup I(\text{Female})$$

Father

$$\text{Male} \cap \exists \text{hasChild}$$

Instanz

Father & Son \equiv Male $\cap \exists \text{hasChild} \cdot \text{Male}$