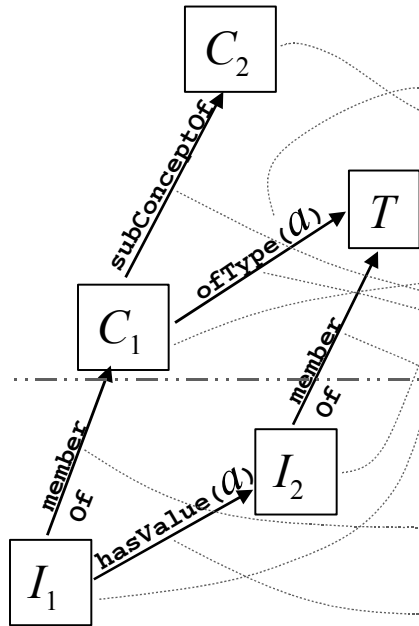


## WSML



## Datalog

Meta-Level Predicates

Meta-Level Axioms

Instances:

$\triangleright I_1, I_2, I_{C_1}, I_{C_2}, I_a, I_T$

Facts:

$\triangleright p_{\text{sco}}(I_{C_1}, I_{C_2})$

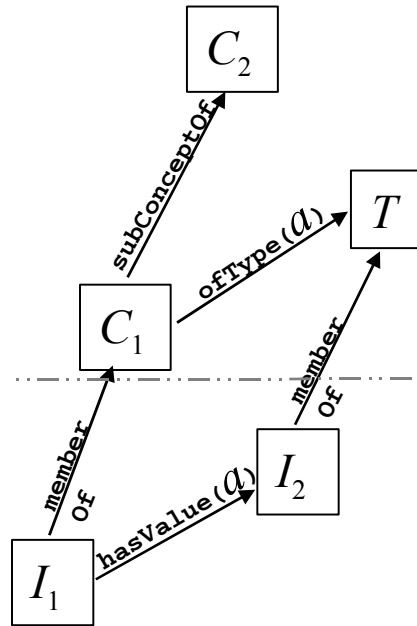
$\triangleright p_{\text{otype}}(I_{C_1}, a, I_T)$

$\triangleright p_{\text{mo}}(I_2, I_T)$

$\triangleright p_{\text{mo}}(I_1, I_{C_1})$

$p_{\text{hval}}(I_1, a, I_2)$

## WSML



## Datalog

### Meta-Level Predicates:

$$p_{\text{sco}}(C_{\text{sub}}, C_{\text{sup}}), p_{\text{mo}}(I, C),$$

$$p_{\text{hval}}(I, a, V), p_{\text{itype}}(C, a, T),$$

$$p_{\text{otype}}(C, a, T)$$

### Meta-Level Axioms:

### Instances:

$$I_1, I_2, I_{C_1}, I_{C_2}, I_a, I_T$$

### Facts:

$$p_{\text{sco}}(I_{C_1}, I_{C_2})$$

$$p_{\text{mo}}(I_1, I_{C_1}), p_{\text{mo}}(I_2, I_T)$$

$$p_{\text{hval}}(I_1, a, I_{I_2})$$