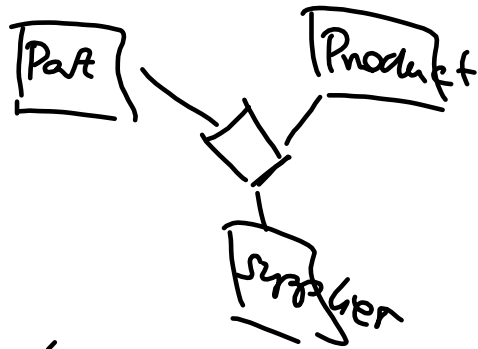
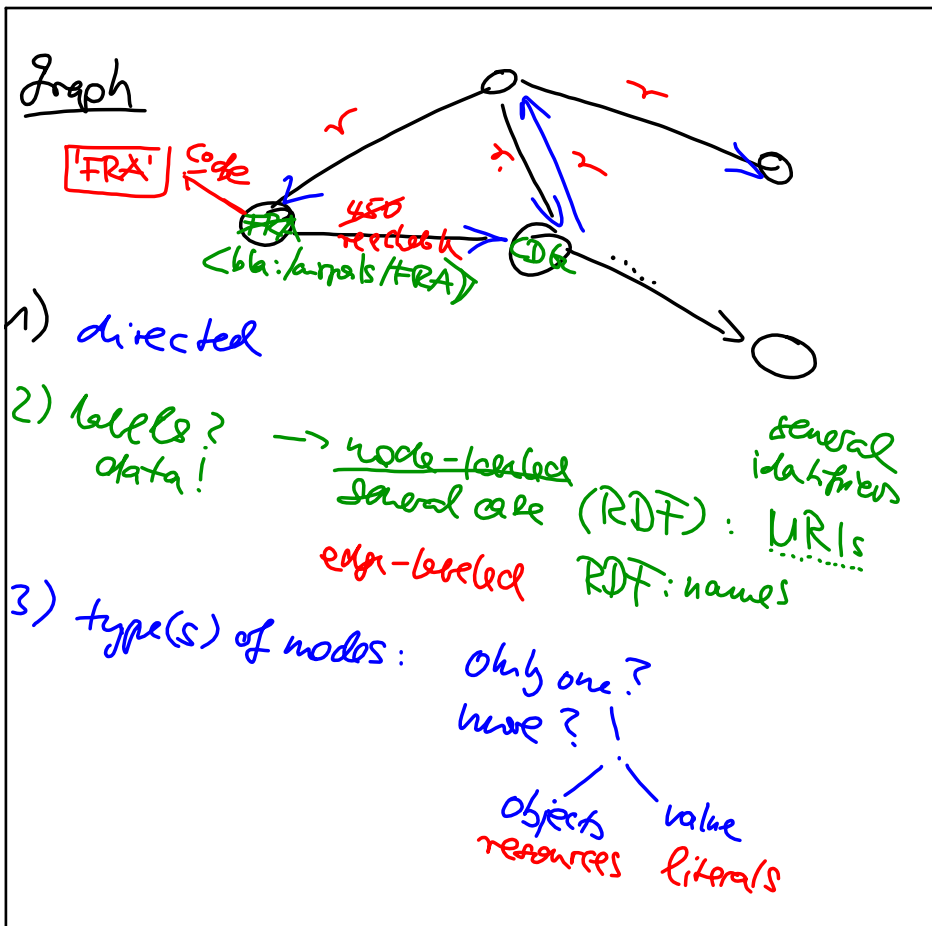


temas relationships



→ in UML and RDF: only direct relationships
 ⇒ Reification

Apr 30-10:08



Apr 30-10:39

↳ one slide unintentionally deleted :-()

$\exists C, G_P, G_{Prov} :$

.....

$$Q(P_1, P_2) \equiv \text{county}(C, \text{"Jimmie"}; P_1, G_P, G_{Prov})$$

$$\wedge \text{city}(G_P, C, G_{Prov}, P_2, _ , _)$$

In graph constraint, Example:

$\forall N, CP, P_1, L_1, L_2 :$

$$\text{city}(CN, C, CP, P_1, L_1, L_2)$$

$\rightarrow \exists N, P_2, A, G_N, G_P :$

$$\text{county}(C, N, P_2, A, G_N, G_{Prov})$$

$\forall X_1, X_2, X_3, X_4, X_5, X_6 :$

$$\text{county}(X_1, X_2, X_3, X_4, X_5, X_6) \rightarrow$$

$$\exists Y_1, Y_2, Y_3 : \text{city}(X_5, X_1, X_6, Y_1, Y_2, Y_3)$$