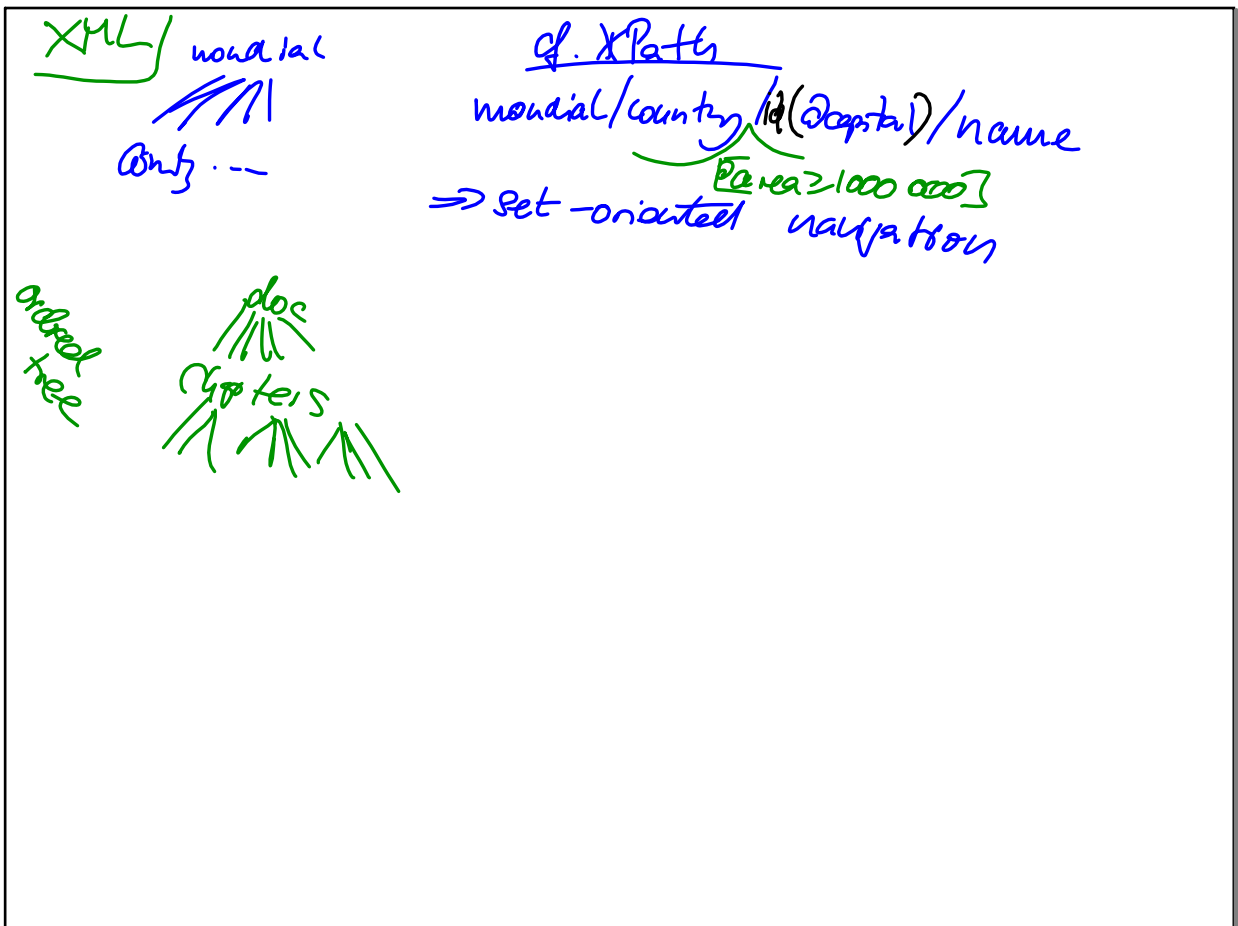


Okt 30-14:07



Okt 30-14:33

DB \leftrightarrow FOL

Schema predicates
signature: County/6
organization/6
isMember/3

county					
code	name	pop	area	cap	capPop
D	Germany	83,522,388,000	356,970	Berlin	

isMember

code	org	type
D	EU	member

Integration $\mathcal{I} = (\mathcal{D}, \mathcal{I})$

ACTIVE DOMAIN

domains: NU, R, UStrings, UDates, Uoids

$I(\text{country}) \subseteq \mathcal{D}^6$
 $\hat{=} \text{contents of the 'county' table}$

$F(\mathcal{P}) \equiv \exists N, A, Cap, CapPop, T : \text{country}(C, N, P, A, Cap, CapPop) \wedge \text{isMember}(C, "EU", T)$

\downarrow
 P/83,522,388,000
 P/356,970
 P/62000,000
 !:

Okt 30-14:55