SL435 "Montanunion"

benelux

MontanunionMembers ≡ { nl, b, l, f, ge, it }

Result ≡ Organization ⊓ ∃hasMember.MuM

?- Result (?x)

isM(be, benelux). isM(lux, benelux), isM(nl, benelux).

open world: maybe there are more members of benelux

Result' ≡ Organization ⊓ (∀ hasMember.MuM)

Close membership in benelux.

-> add benelux isa =3.hasMember.T

DL syntax ↗

(=3.hasMember.T)(benelux)

Jun 26-10:06

en(b)

en(d)

en(lux)

2nd Order logic

-> unary predicate

dead end

L		W		open
f	✓	c	5	g
k	✓	i	1	h
j	✓	a	1	m
e	2	b	1	
l	4	d	3	

OWL 1.0.:

SHOIQ(D)

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