

prefix mon: <http://www.semwebtech.org/mondial/10/meta#>

SELECT ?C ?CN ?X ?XN ?XP

FROM <file:mondial-europe.n3>

WHERE { ?C a mon:Country; mon:name ?CN; mon:hasCity ?X . ?X mon:name ?XN .
?X mon:population ?XP }

$F(C, CN, X, XN, XP) := \text{Country}(C), \text{name}(C, CN), \text{hasCity}(C, X), \text{name}(X, XN), \text{pop}(X, XP).$

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- SPARQL: CWA

- OWL: OWA

$\text{CountryWithoutNeighbors} \equiv \text{Country} \sqcap \forall \text{neighbor. } \perp$

? - $\text{CountryWithoutNeighbors}(X)$

Answer: No.

(Malta might have neighbors which are not in the DB)

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