

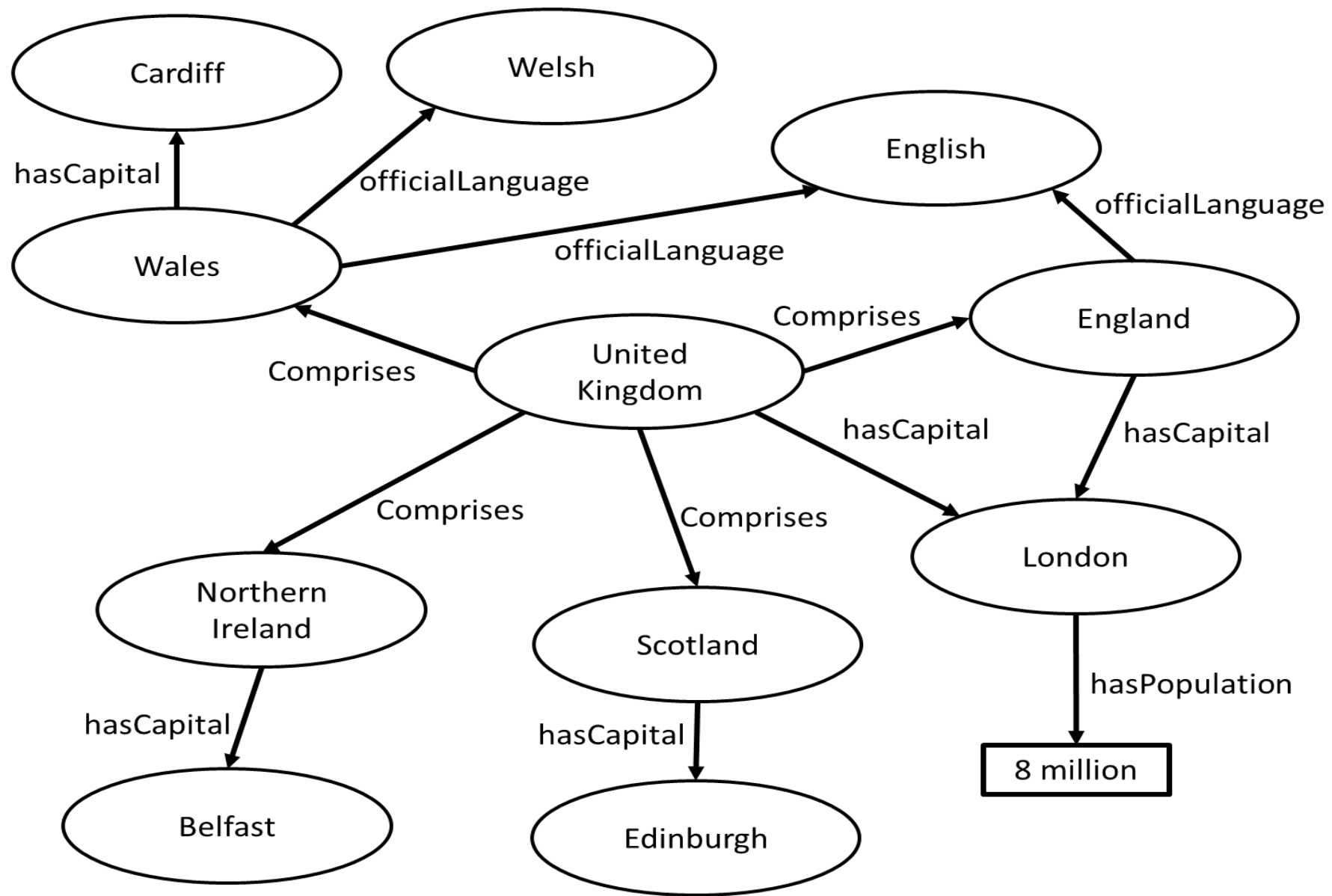
Web Services and Web Data

XJCO 3011



Session 16 - RDF Exercises

- Draw an RDF diagram to represent the concepts in the following statement:
- “The United Kingdom comprises four countries: England (whose capital is London), Wales, Scotland, and Northern Ireland. The capitals of Wales and Scotland are Cardiff and Edinburgh, respectively. Belfast is the capital of Northern Ireland. London is also the capital of the United Kingdom and it has a population of 8 million people. English is the official language of England, while in Wales both English and Welsh are official languages.”
- Then use the Linked Open Vocabularies (LOV) website to try to find suitable vocabularies for the predicates/properties of the graph.



- Linked Open Vocabularies (LOV) website: find suitable vocabularies for the predicates/properties of the graph. <https://lov.linkeddata.es/dataset/lov>

- Draw an RDF diagram to represent the concepts in the following statement:
- “Clement Attlee was a British politician. He was born in London in 1883. His father was a solicitor and, after studying at Oxford University, Attlee became a barrister. He became Prime Minister when the Labour Party won the 1945 election. Attlee’s government created the National Health Service.”

Solicitor: A British lawyer who gives legal advice and prepares legal documents

Barrister: A British lawyer who speaks in the higher courts of law

- Then use the Linked Open Vocabularies (LOV) website to try to find suitable vocabularies for the predicates/properties of the graph.

