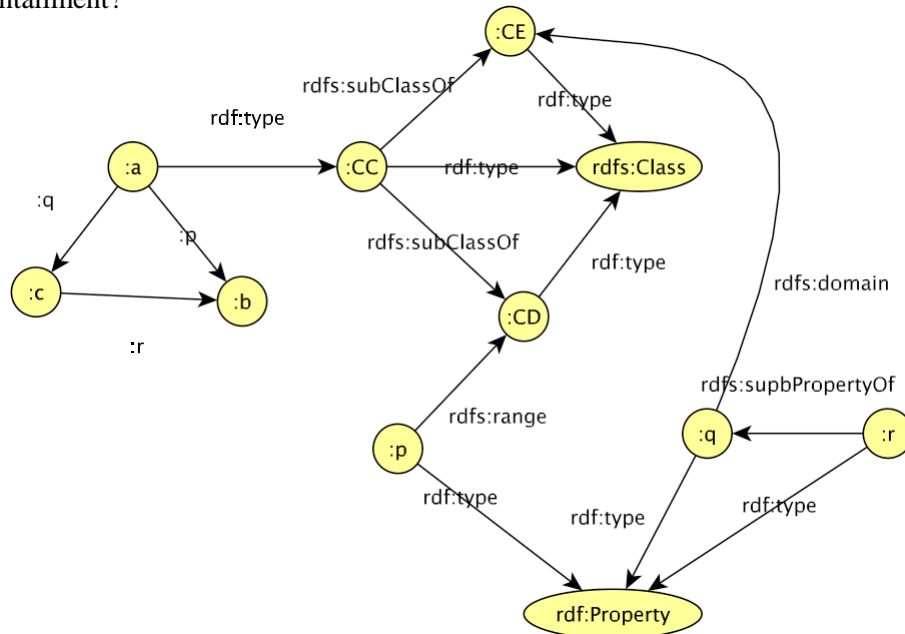


Exercises on RDFS

1. RDFS entailment

Given the following RDF/S graph what triples will be inferred through the standard RDFS entailment?



2. RDFS modelling

Define an RDFS schema (classes, properties, subclasses, subproperties, domain, ranges) for a graph that represent information about a railway network.

The network comprises lines.

Each line is made of segments.

A segment has a start station and an end station.

A station has a name and a location (a town or a village).

Some lines are high-speed lines.