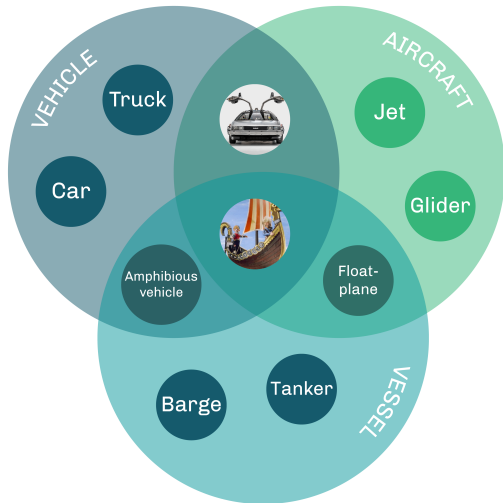
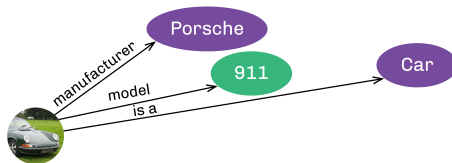
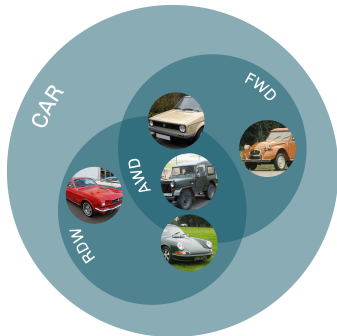
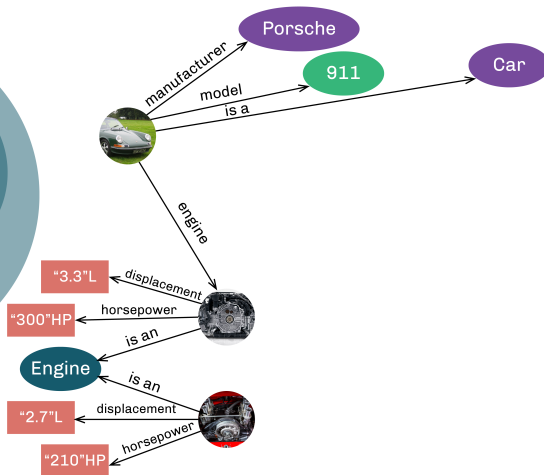
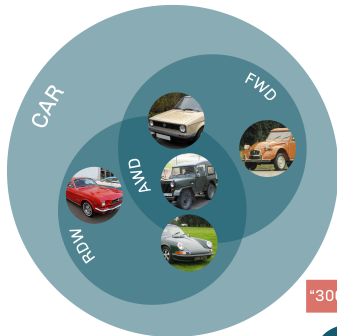


Et samlende logisk språk for data, likt tolkbart av både menneske og maskin, uavhengig av naturlig språk.

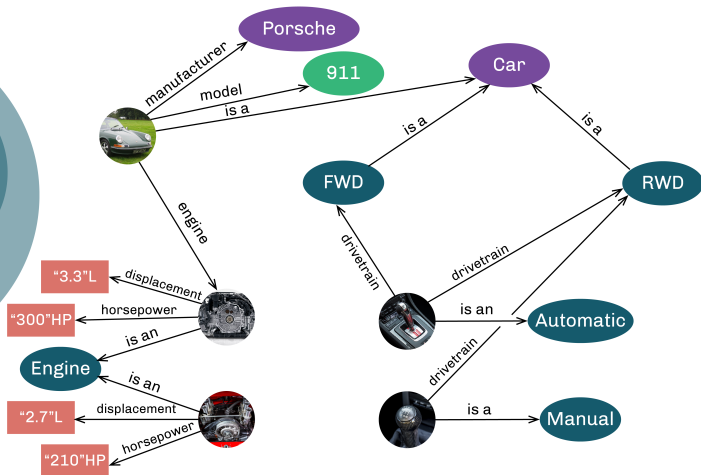
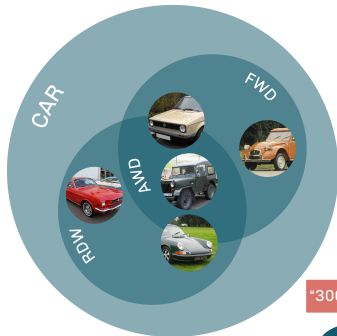
## Tilgjengelig semantikk

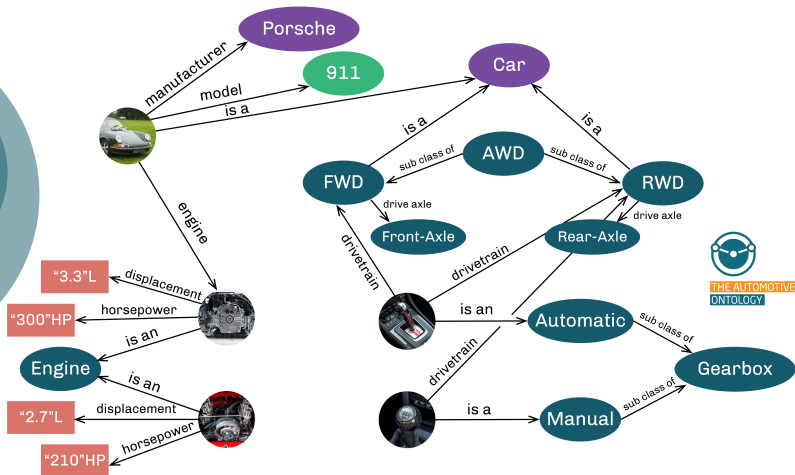
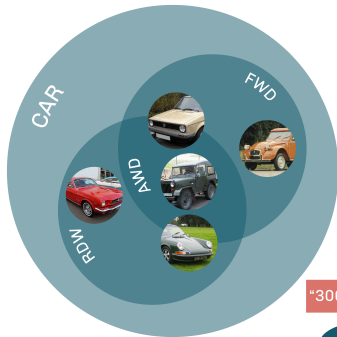


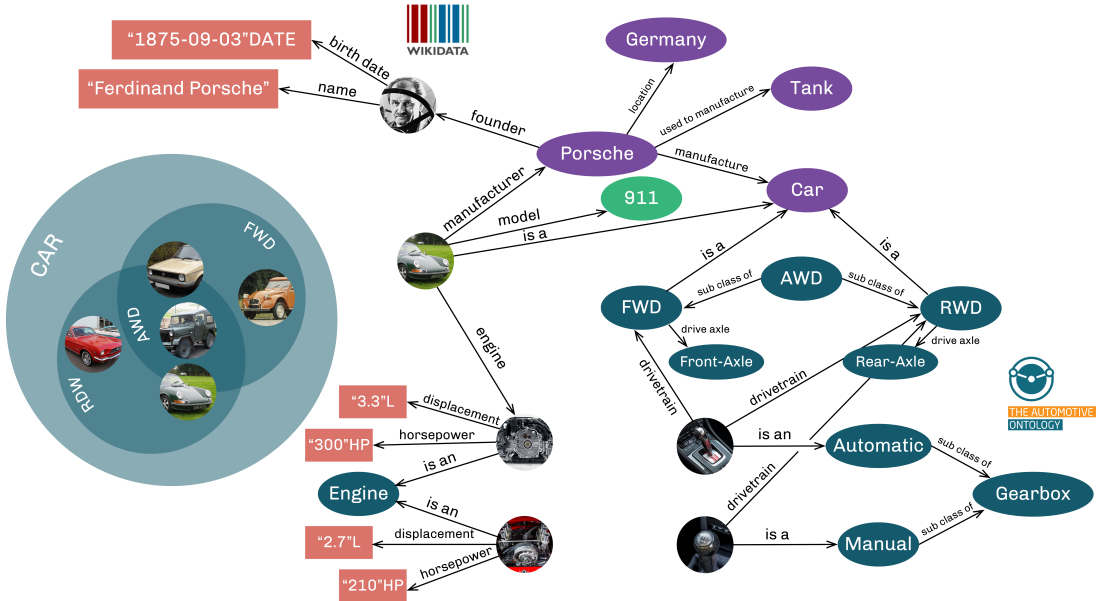


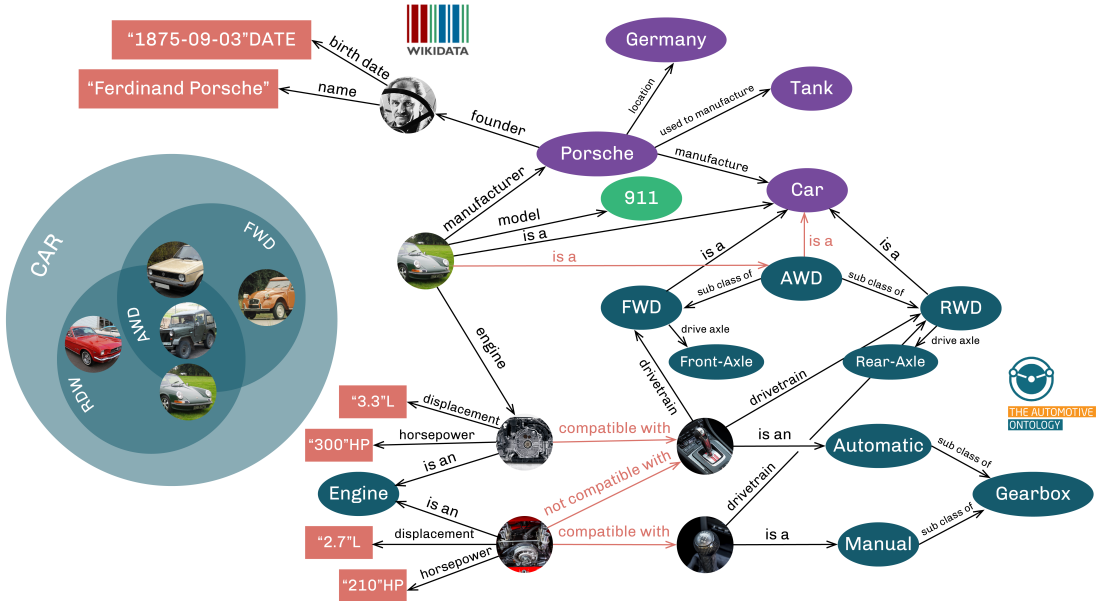


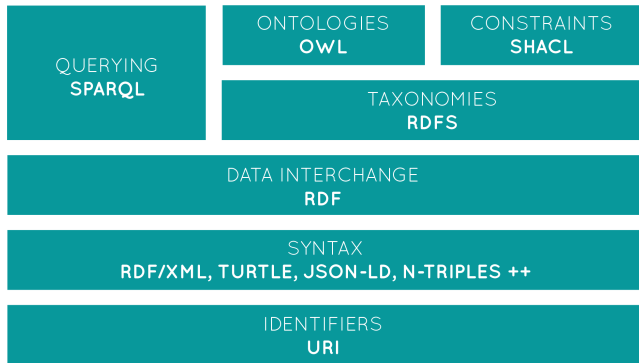




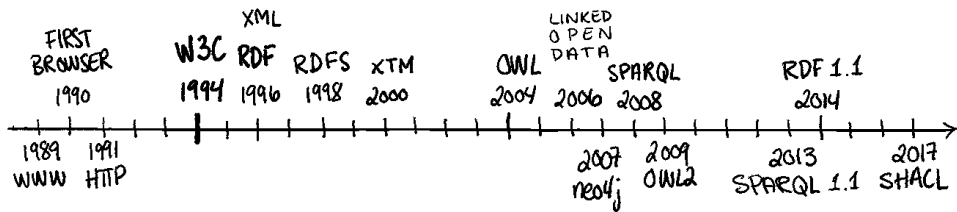








# TIMELINE OF GRAPH ON THE WEB

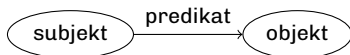


## Resource Description Framework (RDF)

Tenk på data som en *rettet graf*, og at alle *ting* har en relasjon til andre ting.



- › Data representeres som **tripler**.
- › Et trippel kalles også for et **fakta** eller et **utsagn**.
- › Elementene i et trippel kalles **resurser**.



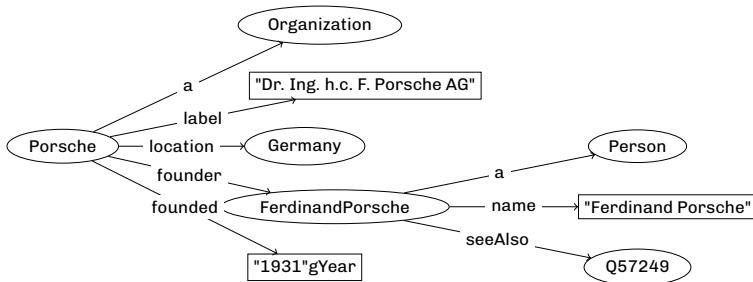
- › Benytter **Uniform Resource Identifiers** (URI) som globale unike identifikatorer for alle resurser.

```
<http://example.org/Porsche>  
  <http://example.org/location> <http://example.org/Germany> .
```



```
@prefix ex: <http://example.org/> .
```

```
ex:Porsche ex:location ex:Germany ;  
           ex:founder ex:FerdinandPorsche ;  
           ex:founded "1931"^^xsd:gYear .
```



```

ex:Porsche rdf:type foaf:Organization ;
  rdfs:label "Dr. Ing. h.c. F. Porsche AG" ;
  ex:location ex:Germany ;
  ex:founder ex:FerdinandPorsche ;
  ex:founded "1931"^^xsd:gYear .

```

```

ex:FerdinandPorsche rdf:type foaf:Person ;
  foaf:name "Ferdinand Porsche" ;
  rdfs:seeAlso wd:Q57249 .

```