

```
:Apartment      rdfs:subClassOf dbpedia:Apartment .
dbpedia:Apartment rdfs:subClassOf :Apartment .
```

Intermezzo: Punning You may have noticed that the DBPedia apartment definition comes from the `dbpedia` namespace instead of from `dbpedia-owl`. It is not really a class, but an individual.

Compared to our ontology, DBPedia describes apartments at a higher level of abstraction. The classes in the DBPedia ontology are not intended to classify individual entities (such as apartments in Amsterdam), but rather individual *topics*. Treating individuals as classes is called *meta-modeling*.

Although the direct semantics of OWL2 do not allow for meta-modeling, OWL2 DL circumvents this limitation by a syntactic trick called *punning*, or ‘word play.’ This means that whenever the URI `dbpedia:Apartment` appears in a class axiom, it is treated as a class, and when it appears in an individual assertion, it is treated as individual.

Punning is allowed in the following situations: *class* names, *individual* names, and *property* names may be freely interchanged. However, *object* property names and *datatype* property names may not mix.

Enumerations The most straightforward (though inexpressive and computationally expensive) way to define a class is by explicitly enumerating all individuals it consists of:

```
:BaronWayRooms rdf:type      owl:Class;
                  owl:oneOf ( :BaronWayKitchen
                                :BaronWayBedroom1
                                :BaronWayBedroom2
                                :BaronWayBedroom3
                                :BaronWayLivingroom
                                :BaronWayBathroom
                                ... ) .
```