

# Ontology design patterns

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April 11, 2014

## 1 Exercises – Ontology design patterns

The exercises are targeted to practice building ontologies with ontology design patterns.

**Ex. 1** — Based on requirement specification from the last seminar, create the ZOO ontology. Find at least 5 relevant patterns for some competency questions within `ontologydesignpatterns.org` and import them to the ontology. Explain your choice of the ODPs.

**Ex. 2** — For each used ODP from previous exercise identify category to which it belongs (e.g. logical pattern, content pattern, ..)

## 2 References for exercises

BBC website of wildlife animals as inspiration of our ZOO ontology :

- List of species – <http://www.bbc.co.uk/nature/species>
- add “.rdf” extension to the url to retrieve rdf data about the url (e.g. <http://www.bbc.co.uk/nature/species.rdf>)