Object Recognition and Ontology Generation for Qualitative Scene Description

- Project goals:
  - Detect household objects (in digital images).
  - Store the objects' spatial relations as an OWL ontology.

Datasets:
- CIN 2D+3D
- PASCAL VOC 2012

CNN
- Detect objects
- Return MBR coordinated

Orientation
- Using OPA determine relative object positions

Ontology Gen.
- Generate OWL ontology