**Features: Hierarchy of Bags of Regions (HBoR)**

- Possibilistic Quantization [Bezdek 1995]
- Similarity to Code Regions (CRs)
- Bottom-up Max Pooling [Boureau 2010]
- Binary Partition Tree [Salembier 2000]

**Query by Example: Matching Object Tree vs Image Partition Tree**

1. Set a match for Q0
2. Find matches for Q1 & Q2

Sets a baseline

1. Find candidates for Q1 & Q2
2. Try new unions to match Q0

**Query by Concept: Model of parts and top-down exploration**

- Parts definition
- Fusion classifier
- Inclusion classifier
- Detector classifier
- Model of the Query Concept