Goal ⇒ What kind of knowledge is needed for the long tail disambiguation task?

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•	Questions	(30	mins):
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- O How different are the typical NLP lexical resources from Semantic Web's knowledge bases? (e.g. WordNet vs DBpedia?)
- O How can we define the long tail in knowledge bases?
- O For text disambiguation, do we need knowledge beyond what is available in customary sources (e.g. DBpedia and WordNet)? And should it be different or the same for each challenge?
- O How can we locate the right knowledge to use for a given context, e.g. topic or time?
- O Is there sufficient knowledge? List of entities and what we know about them. How to get it?
- O What is the place of the temporal dimension in knowledge bases?
 - If, when and how to deprecate out-dated knowledge?
 - How to represent historical changes?
 - How to deal with concept drift and what is it?
 - Concept drift in NLP is defined through distributional semantics, in SemWeb is defined through: label + key properties
- O How to enrich knowledge bases with more long tail knowledge?
- O Linked Open Data versus Linked Closed Data (BabelNet, Cornetto).
- O Should we address the quality of resources?

• Hands-on data (90 mins):

- O Analyze WordNet and DBpedia WRT the long tail
 - WordNet: Use Python NLTK (http://www.nltk.org/howto/wordnet.html)
 - DBpedia:
 - Online SPARQL
 - TSV with stats: degree/rank, #types, num attributes, ...
 - fragments.dbpedia.org to analyze the temporal change in knowledge bases (e.g. how much has the information about Abraham Lincoln/Cristiano Ronaldo been updated in across the DBpedia versions?)
 - BabelNet
- O Analyze documents from the laundromat that are likely to represent the long tail (e.g. documents with low connectedness degree)
- O Locate domain-specific knowledge (e.g. through LOTUS)

• Concluding the session+recommendations (30 mins):

- O How to create knowledge bases that represent the long tail?
- O How to create contextual knowledge bases (e.g. WRT time, space, topic, community)?
- O How to locate the most appropriate knowledge to use?

• Preparing presentations (15 mins)