

Diachronous Conceptual Lexicons as Linked Open Data

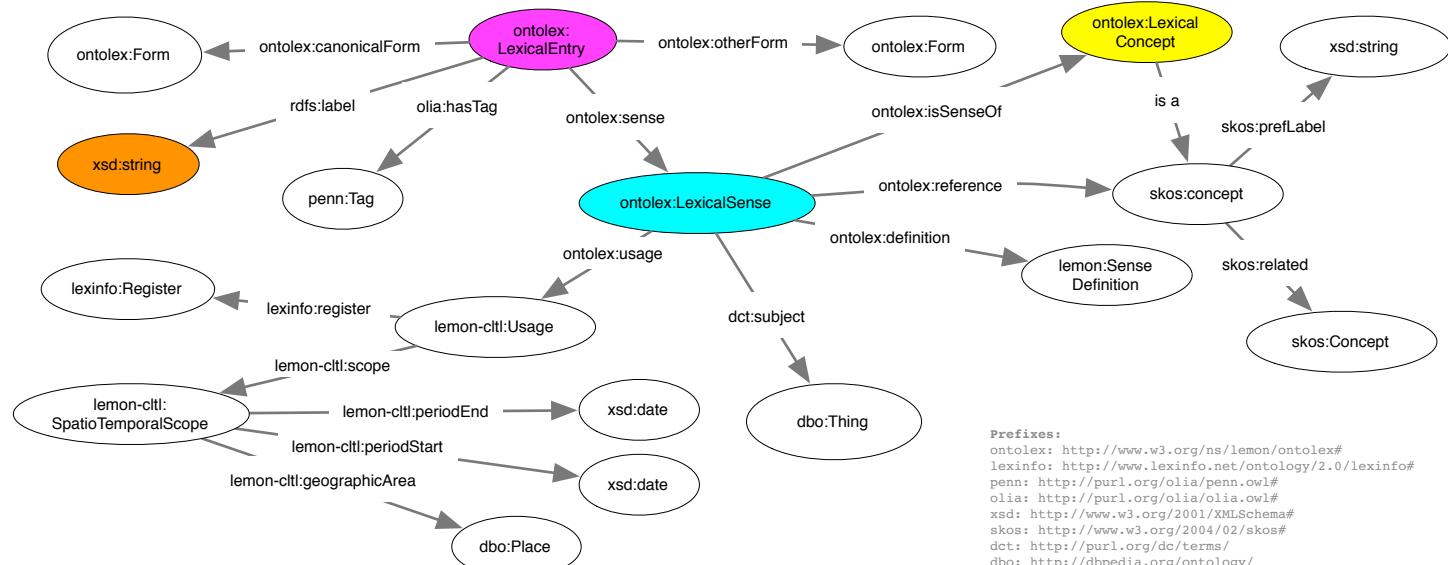
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<http://www.cltl.nl/projects/current-projects/clariah/>

We are converting and publishing Dutch historic and contemporary lexicons and ontologies to Linked Open Data. We use and extend existing standards such as the Lemon model. Exposing these lexicons as Linked Open Data allows us to easily create mappings between different ontologies and data models, thus connecting them to sources such as DBpedia (a structured version of Wikipedia), Europeana or any other available RDF dataset.

Datasets:

- Brouwers thesaurus
- Embodied Emotions Lexicon
- Pland (A database of Dutch dialect names for plants)
- Open Dutch WordNet (ODWN)



Example entry Embodied Emotions:

```
emotions:entry602 a ontolex:LexicalEntry .  
emotions:entry602 ontolex:canonicalForm "grimmig" .  
emotions:entry602 rdf:label "grimmig-1@nl" .  
emotions:entry602 ontolex:sense ex:sense-entry602 .  
emotions:sense-entry602 a ontolex:LexicalSense .  
emotions:sense-entry602 ontolex:usage ex:usage-entry602 .  
emotions:usage-entry602 a ontolex:LexicalUsage .  
emotions:usage-entry602 lemon-cltl:periodStart "1600" .  
emotions:usage-entry602 lemon-cltl:geographicalArea "NED" .
```



Example entry Brouwers:

```
brouwers:entry146141 a ontolex:LexicalEntry .  
brouwers:entry146141 ontolex:canonicalForm "boos" .  
brouwers:entry146141 rdf:label "boos-1@nl" .  
brouwers:entry146141 lexinfo:partOfSpeech lexinfo:adjective .  
brouwers:entry146141 ontolex:sense ex:sense-entry146141 .  
brouwers:sense-entry146141 a ontolex:LexicalSense .  
ex:sense-entry146141 ontolex:usage ex:usage-entry146141 .  
brouwers:usage-entry146141 a ontolex:LexicalUsage .  
brouwers:usage-entry146141 lemon-cltl:geographicalArea "NED" .  
brouwers:usage-entry146141 lemon-cltl:geographicalArea "BEL" .
```



Mappings

```
brouwers:sense-entry146141 dct:subject <http://dbpedia.org/resource/Anger> .  
heem:Woede foaf:depiction louvre:artwork-28328.BIS .  
heem:Woede owl:sameAs brouwers:concept226 .
```

