**Morph Module Handover**

**Current state as of 09.02.2022**

Word-formation

* could be considered as preliminarily completed
  + evaluated with LiLa Latin word-formation by Matteo
  + evaluated with sample conversion of (complete) German UDer data by Christian

Inflection

* current modeling draft has to be reviewed
  + investigated on Italian inflectional data by Stefania
  + investigated on Greek inflectional data by Penny
  + investigated on LiLa Latin inflectional data by Matteo

Major missing representation (for full list cf. [Wiki](https://www.w3.org/community/ontolex/wiki/Morphology#Representation_needs))

* Ordering/segmentation/slots of morphs
* Multiple segmentation strategies
* Meanings of stems and roots

**Module diagram**

Google folder [Morph Module Handover](https://drive.google.com/drive/folders/1BEDAGffMUJA0bxEhWCRzVJ4I8mxfP77e?usp=sharing) contains previous model drafts 4 to 10 as png and graphml files.

**OntoLex vocabulary adaptations**

* OntoLex vartrans adaptations
  + create vartrans:orthVariant object property with domain and range ontolex:LexicalEntry: in order to connect two ontolex:LexicalEntry resources that only differ in their orthographic representation but share the same senses: a vartrans:orthVariant subproperty of vartrans:lexicalRel that entails that the same senses apply to both variants (restriction has to be formulated)
* OntoLex ontolex adaptations
  + make ontolex:Affix a subclass of morph:Morph

**Specification publishing**

* draft that can be used is started [here](https://docs.google.com/document/d/18El00izBdI5ArBKdBvlIj1_o703h3RyWzF1b7S9m_Sw/edit)
* take inflection table and show how it is representable with the module
* address coverage of morphological language types
* include usage recommendations
* explain delimitation/difference to OntoLex decomp module
* description of ontolex:Form generation workflow diagram (as indicated in telco from [01.12.2021](https://docs.google.com/document/d/1gz4W5UqpE7KzKlcbQuq7tyLxqpGMH4vHkiM8TSd5BKU/edit?usp=sharing))

[**Wikipage**](https://www.w3.org/community/ontolex/wiki/Morpholog)

Might have to be updated.