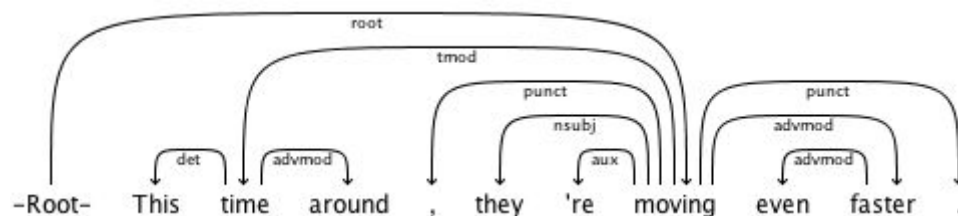# Deep Parser Spacy German

Description

A dependency parser analyzes the grammatical structure of a sentence, establishing relationships between "head" words and words which modify those heads. The figure below shows a dependency parse of a short sentence. The arrow from the word moving to the word faster indicates that faster modifies moving, and the label advmod assigned to the arrow describes the exact nature of the dependency.

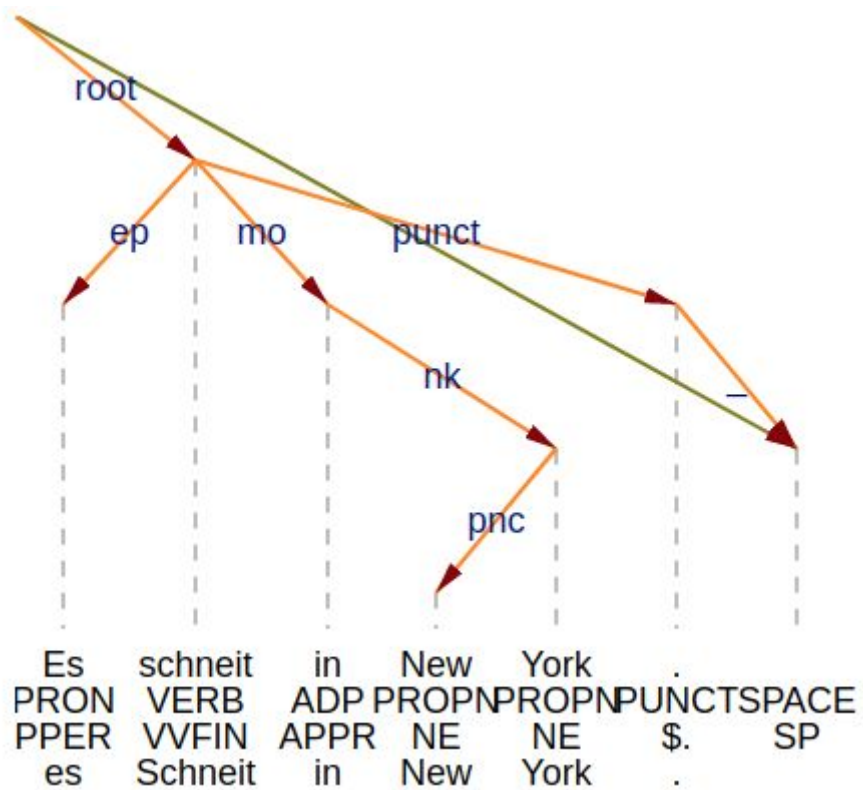In case of SpaCy Dependency Parser for German for the example input sentence:

```
GER: Es     schneit in New York.
EN:  It is snowing in New York.
```

the output is:

```
# sent_id 1
1    Es    es    PRON  PPER  _     2    ep    _    _
2    schneit    Schneit    VERB  VVFIN _     0    root  _      _
3    in    in    ADP   APPR  _     2    mo    _    _
4    New   New   PROPN NE    _     5    pnc   _    _
5    York  York  PROPN NE    _     3    nk    _    SpaceAfter=No
6    .     .     PUNCT $.     _     2    punct _    SpaceAfter=No
7               SPACE SP     _     6          _    SpaceAfter=No
```

Details of the output format are available [here](#). You can visualise this output as the following dependency tree:

```
Es      schneit    in    New    York    .
PRON    VERB       ADP   PROPN  PROPN   PUNCT  SPACE
PPER    VVFIN      APPR  NE     NE      $.     SP
es      Schneit    in    New    York    .
```

Input

(UTF-8) in German.

Output

File in CONLL format, specific for SpaCy, described here.