Loss & Damage (Article 2)

December 12, 2017

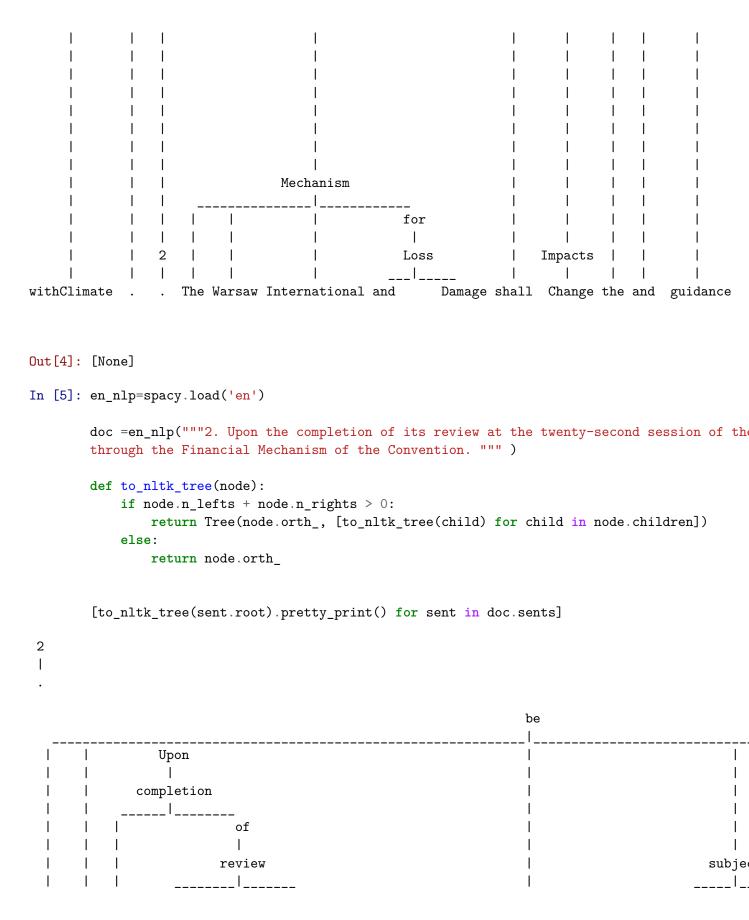
In [1]: from datascience import *
 import spacy

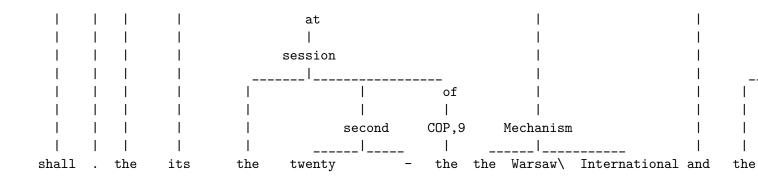
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% matplotlib inline
In [2]: !python -m spacy download en
      Downloading en_core_web_sm-1.2.0/en_core_web_sm-1.2.0.tar.gz
Collecting https://github.com/explosion/spacy-models/releases/download/en_core_web_sm-1.2.0/en
   Downloading https://github.com/explosion/spacy-models/releases/download/en_core_web_sm-1.2.0
       100% || 52.2MB 97.4MB/s ta 0:00:011
   Requirement already satisfied (use --upgrade to upgrade): en-core-web-sm==1.2.0 from https://
Requirement already satisfied: spacy<2.0.0,>=1.7.0 in /srv/app/venv/lib/python3.6/site-package
Requirement already satisfied: numpy>=1.7 in /srv/app/venv/lib/python3.6/site-packages (from s
Requirement already satisfied: murmurhash<0.27,>=0.26 in /srv/app/venv/lib/python3.6/site-pack
Requirement already satisfied: cymem<1.32,>=1.30 in /srv/app/venv/lib/python3.6/site-packages
Requirement already satisfied: preshed<2.0.0,>=1.0.0 in /srv/app/venv/lib/python3.6/site-package
Requirement already satisfied: thinc<6.6.0,>=6.5.0 in /srv/app/venv/lib/python3.6/site-package
Requirement already satisfied: plac<1.0.0,>=0.9.6 in /srv/app/venv/lib/python3.6/site-packages
Requirement already satisfied: pip<10.0.0,>=9.0.0 in /srv/app/venv/lib/python3.6/site-packages
Requirement already satisfied: six in /srv/app/venv/lib/python3.6/site-packages (from spacy<2.
Requirement already satisfied: pathlib in /srv/app/venv/lib/python3.6/site-packages (from space)
Requirement already satisfied: ujson>=1.35 in /srv/app/venv/lib/python3.6/site-packages (from s
Requirement already satisfied: dill<0.3,>=0.2 in /srv/app/venv/lib/python3.6/site-packages (from
Requirement already satisfied: requests<3.0.0,>=2.13.0 in /srv/app/venv/lib/python3.6/site-pac
Requirement already satisfied: regex<2017.12.1,>=2017.4.1 in /srv/app/venv/lib/python3.6/site-
Requirement already satisfied: ftfy<5.0.0,>=4.4.2 in /srv/app/venv/lib/python3.6/site-packages
Requirement already satisfied: wrapt in /srv/app/venv/lib/python3.6/site-packages (from thinc<
Requirement already satisfied: tqdm<5.0.0,>=4.10.0 in /srv/app/venv/lib/python3.6/site-package
Requirement already satisfied: cytoolz<0.9,>=0.8 in /srv/app/venv/lib/python3.6/site-packages
Requirement already satisfied: termcolor in /srv/app/venv/lib/python3.6/site-packages (from th
Requirement already satisfied: certifi>=2017.4.17 in /srv/app/venv/lib/python3.6/site-packages
Requirement already satisfied: idna<2.7,>=2.5 in /srv/app/venv/lib/python3.6/site-packages (from the control of the control of
Requirement already satisfied: chardet<3.1.0,>=3.0.2 in /srv/app/venv/lib/python3.6/site-packa
Requirement already satisfied: urllib3<1.23,>=1.21.1 in /srv/app/venv/lib/python3.6/site-package
```

Requirement already satisfied: html5lib in /srv/app/venv/lib/python3.6/site-packages (from ftf

```
Requirement already satisfied: toolz>=0.8.0 in /srv/app/venv/lib/python3.6/site-packages (from
Requirement already satisfied: setuptools>=18.5 in /srv/app/venv/lib/python3.6/site-packages (
Requirement already satisfied: webencodings in /srv/app/venv/lib/python3.6/site-packages (from
   Linking successful
    /srv/app/venv/lib/python3.6/site-packages/en_core_web_sm/en_core_web_sm-1.2.0
    --> /srv/app/venv/lib/python3.6/site-packages/spacy/data/en
    You can now load the model via spacy.load('en').
In [3]: import spacy
        from nltk import Tree
In [4]: en_nlp=spacy.load('en')
        doc =en_nlp("""2. The Warsaw International Mechanism for Loss and Damage associated wi
        Climate Change Impacts shall be subject to the authority and guidance of the\
        Conference of the Parties serving as the meeting of the Parties to this Agreement\
        and may be enhanced and strengthened, as determined by the Conference of the\
        Parties serving as the meeting of the Parties to this Agreement. """ )
        def to_nltk_tree(node):
            if node.n_lefts + node.n_rights > 0:
                return Tree(node.orth_, [to_nltk_tree(child) for child in node.children])
            else:
                return node.orth_
        [to_nltk_tree(sent.root).pretty_print() for sent in doc.sents]
                                                                                   associated
```

Requirement already satisfied: wcwidth in /srv/app/venv/lib/python3.6/site-packages (from ftfy





Out[5]: [None, None]