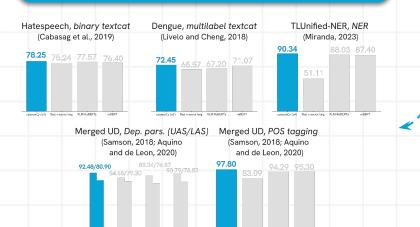
calamanCy: A Tagalog Natural Language Processing Toolkit

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We created a dedicated NLP toolkit for <u>Tagalog</u>, a <u>low-resource language</u> from the Philippines.

calamanCy provides <u>out-of-the-box</u> pipelines that <u>outperform</u> both cross-lingual and multilingual transfer learning techniques on a variety of tasks.



github.com/ljvmiranda921/calamanCy

```
import calamancy
nlp = calamancy.load("tl_calamancy_md")
# John went to Japan
doc = nlp("Pumunta si Juan sa Japan")

# Get entities
[token.ent_type_ for token in doc]
# Get tags
[(token.pos_, token.tag_) for token in doc]
# Get dep relations
[token.dep_ for token in doc]
```

tl_calamancy_md

Medium-sized pipeline using floret (50k vectors, 200 dims, 77 MB)

tl_calamancy_lg

Large-sized pipeline using fasttext (714k vectors, 300 dims, 455 MB)

tl_calamancy_trf

Transformer-based pipeline using RoBERTa (813 MB)

Work in progress...

Based on an LM pretrained on a more diverse corpus.

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