Enriching Multiword Terms in Wiktionary with Pronunciation Information

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Wiktionary as a source

- Free and open source
- Collaborative, constantly updated
- Rich information: categories
- Frequently used

English Wiktionary Statistics

711,641 Lemmas

75,401 Lemmas with IPA

157,883 Multiword Expressions

? Multiword Expressions with IPA

English Wiktionary Statistics

711,641 Lemmas

75,401 Lemmas with IPA

157,883 Multiword Expressions

6,767 Multiword Expressions with IPA

Data extraction

- Parsing the dump (fast, but incomplete)
- Wiktionary API (complete but very slow)
- DBnary (fast, and can be modified)

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Heteronyms

- Require disambiguation
- Can make use of Wiktionary “etymology” and “derived terms” sections

Current results

- MWE with IPA gold standard
- Added categories to DBnary
- Newly produced pronunciations added to Wiktionary

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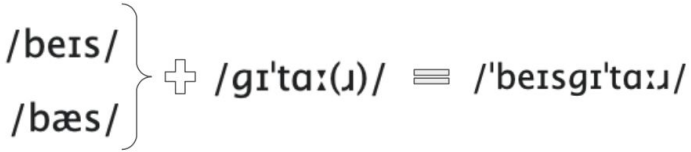
- Evaluation in progress: suprasegmentals



Thank you

Do you have any questions?

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