



## Combilex GA

**A high-quality General American pronunciation lexicon for speech synthesis and speech recognition systems, which contains c.145,000 entries, including a variety of linguistic information alongside detailed pronunciations.**

lexicon for the General American Pronunciation accent of English

Combilex GA is a keyword-based lexicon for the General American pronunciation.

The combilex contains c.145,000 entries, including the 20,000 most frequent words and contains a variety of linguistic information alongside detailed pronunciations, including many useful proper names.

Combilex GA is an ASCII text file, one entry-per-line, which is easily adaptable for use in text-to-speech synthesis (voice-building or run-time synthesis) and in speech recognition systems.

Full manually notated orthographic-phonemic correspondences are included, allowing derivation of accurate grapheme-to-phoneme rules.

The University of Edinburgh is seeking interest from commercial organisations to license this technology on a non-exclusive basis for internal product development purposes within all identified applications for speech synthesis.

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### References

1. Richmond , Robust LTS rules with the Combilex speech technology lexicon, Interspeech 2009, Brighton

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