

A CAPT tool for training and research on lexical stress errors in German

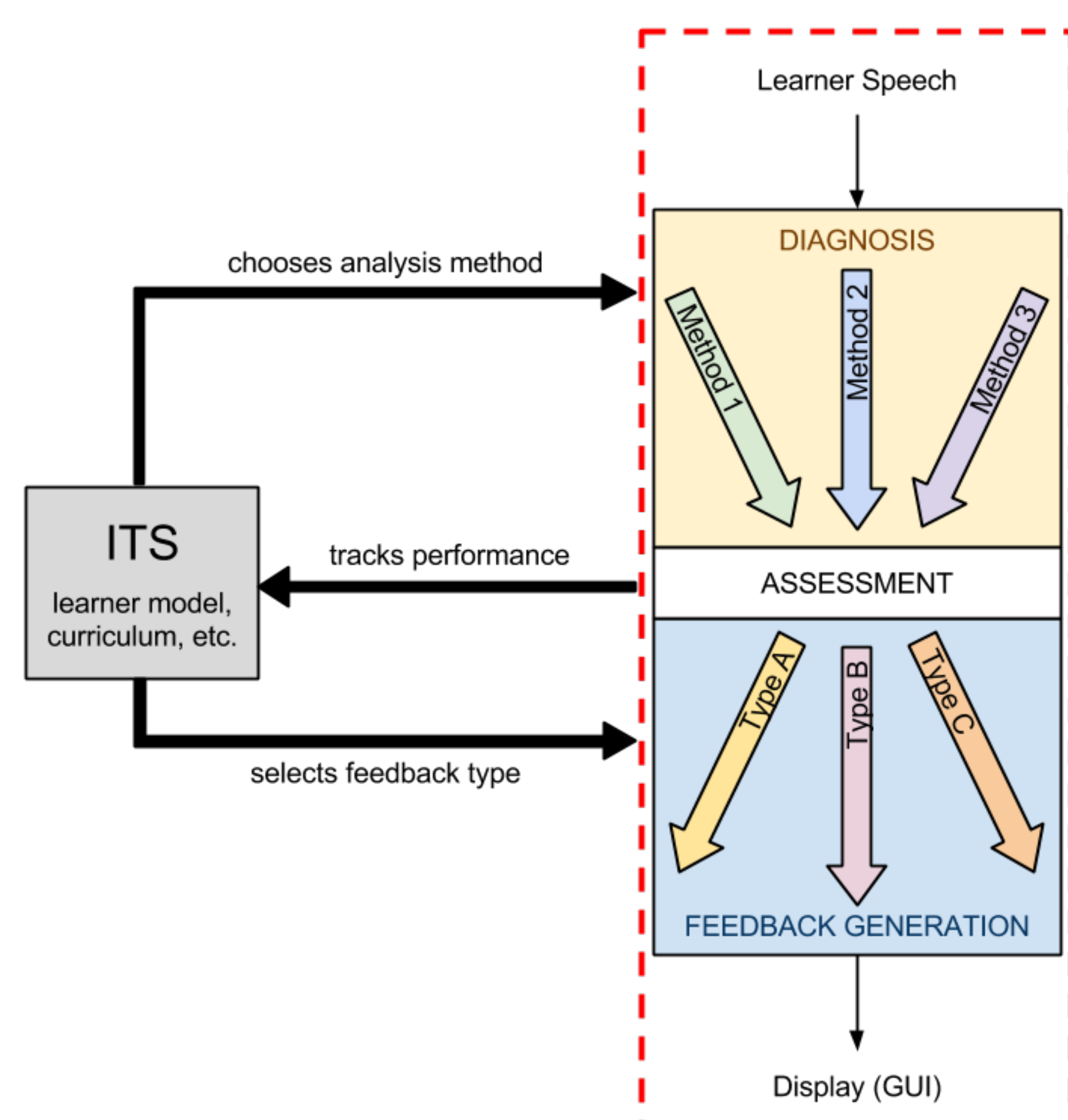
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Introduction

This poster presents the prototype Computer-Assisted Pronunciation Training (CAPT) tool **de-stress**: the German (**de**) **S**ystem for **T**raining and **R**esearch on **E**rrors in **S**econd-language **S**tress [1].

de-stress targets lexical stress errors by non-native (L2) German speakers with French as their native language (L1). Its modular design incorporates various methods for diagnosing and presenting feedback on these errors, as described below.



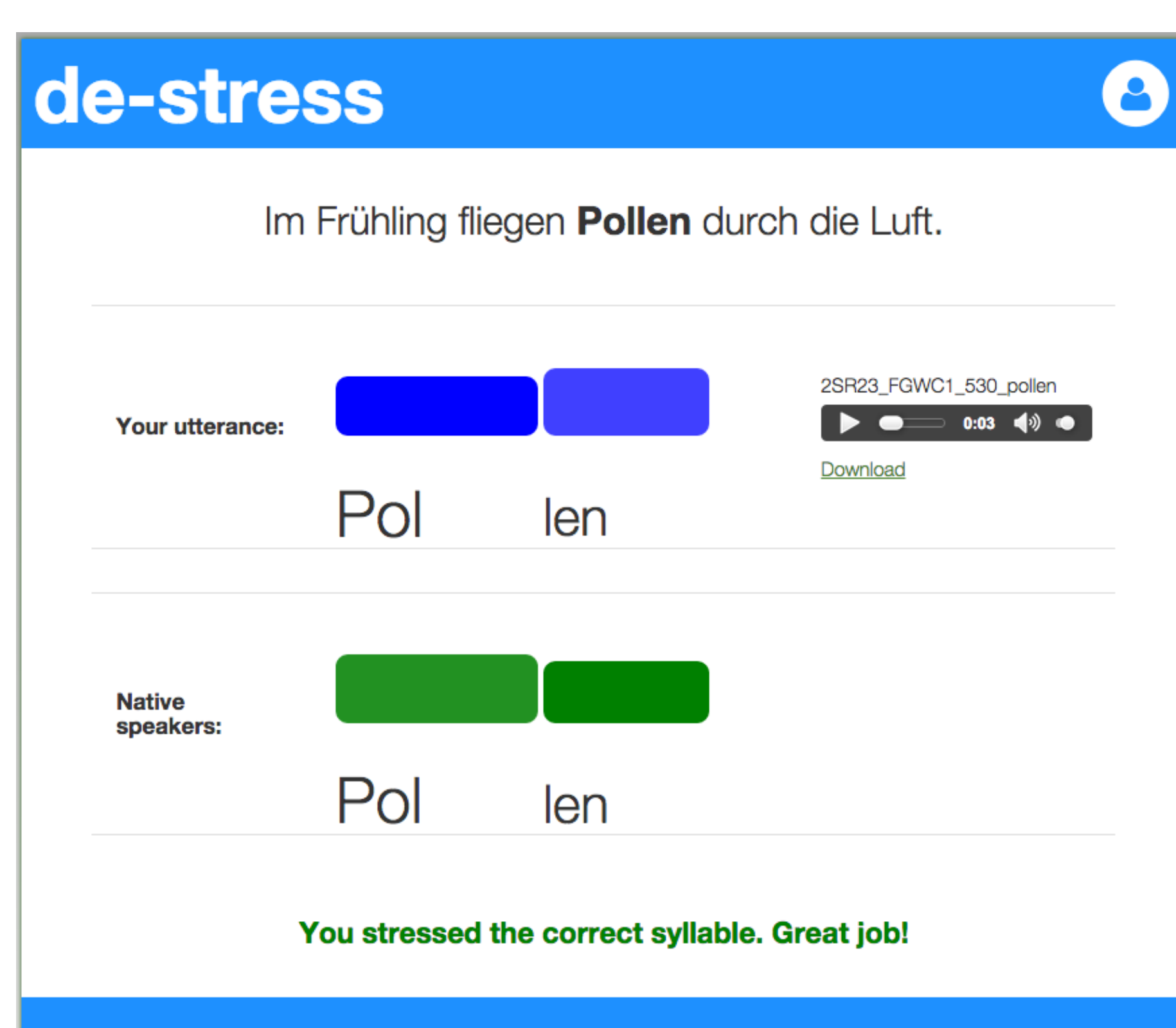
A tool for teachers and researchers

An administrative interface allows language teachers or CAPT researchers to combine the available diagnostic and feedback method(s) to create new exercises for learners.

- Teachers can create exercises targeted to students' needs (learning style, etc.)
- Researchers can study impact of various diagnosis/feedback configurations on factors impacting CAPT system success, e.g.
 - learning outcomes
 - user engagement/satisfaction

Conclusion and future directions

A training tool for German learners



References

- [1] A. S. Vakil, "de-stress," <http://github.com/vakila/de-stress>.
- [2] LORIA Speech Team, "JSnoori," <http://jsnoori.loria.fr>.
- [3] A. S. Vakil and J. Trouvain, "Automatic classification of lexical stress errors for German CAPT," in *SLaTE*, 2015.