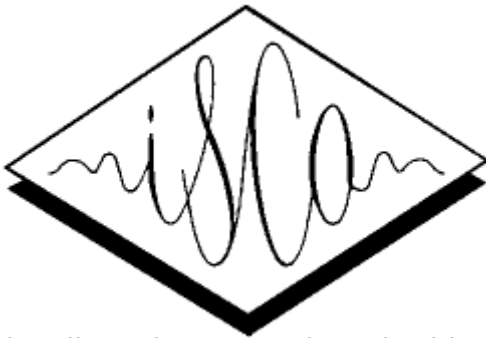


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**SPICE: Web-Based Tools for Rapid Language  
Adaptation in Speech Processing Systems**

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In this paper we describe the design and implementation of a user interface for SPICE, a web-based toolkit for rapid prototyping of speech and language processing components. We report on the challenges and experiences gathered from testing these tools in an advanced graduate hands-on course, in which we created speech recognition, speech synthesis, and small-domain translation components for 10 different languages within only 6 weeks.

[Full Paper](#)

Bibliographic reference. Schultz, Tanja / Black, Alan W. / Badaskar, Sameer / Hornyak, Matthew / Kominek, John (2007): "SPICE: web-based tools for rapid language adaptation in speech processing systems", In *INTERSPEECH-2007*, 2125-2128.