WordWhip

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- Browser extension which helps users learn new languages.
- Replaces user-specified words in native language web-pages with chosen translations.
- Users define lists of words to translate and may name and upload these lists and search uploaded lists.
- Translates native words in text and optionally adds them to lists.
- Useful for learning vocabulary sets in textbooks or other material, or for reinforcing learned vocabulary.
Why WordWhip?

- Existing applications, like Readlang, target users reading text already written in a foreign language.
- Extensions working in the same direction as WordWhip, such as Mind the Word or Language Immersion for Chrome, lack customization and user control.
- Vocab lists are highly customizable and shareable between users, similar to many flashcard making applications.
- The similarity to flashcard applications could potentially allow popular flashcard deck formats to be uploaded to create the vocab lists, taking advantage of preexisting lists.
Design Overview

Challenges:

- Importing dictionaries and/or using dictionary APIs
- ‘Feature-friendly’ lists
- Search parameters and results
- Eliminating ‘junk’ lists
- Generating lists