

# WordWhip

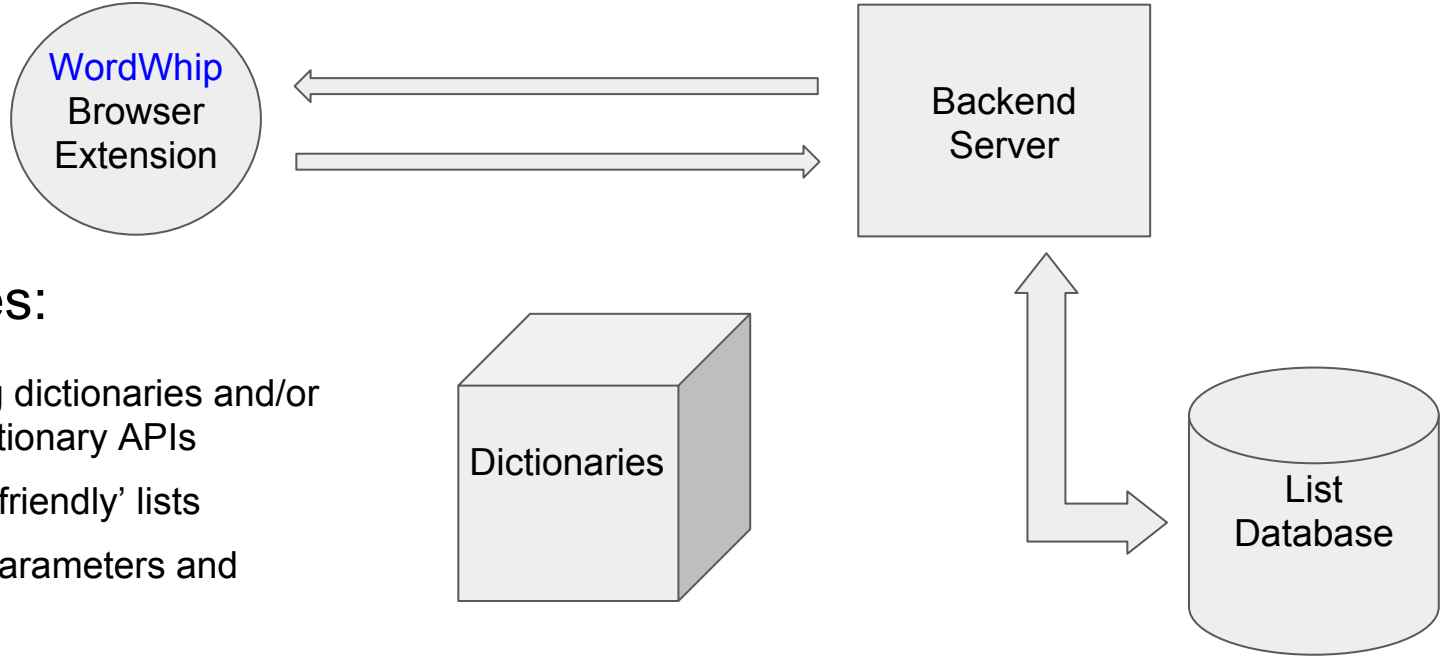
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- **Browser extension** which helps users **learn new languages**.
- **Replaces** user-specified **words** in native language web-pages with chosen translations.
- Users define **lists of words** to translate and may name and **upload these lists and 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