Anki Auto-lookup

A convenient tool for English learning

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Motivation

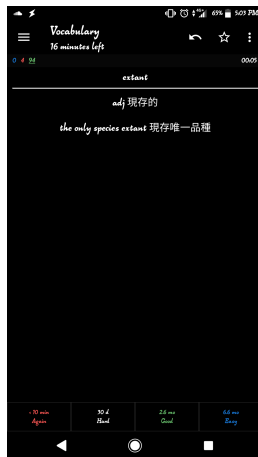Anki: A cross-platform flashcard application, which supports images, HTML, LaTeX, audio, etc.

Figure: Anki on Ubuntu and Android.

Motivation

1. It is time-consuming to add new cards.
2. More detailed definitions and example sentences are needed.
3. Anki provides an API that can modify and add cards.
4. Unknown words keep interrupting us while reading articles.

Tasks

1. A crawler to lookup definitions, pronunciation, and example sentences.
2. Automatically add cards to our deck.
3. Analyze an article, find difficult words and look them up.
4. Find words in a picture (e.g. a picture of a page in a vocabulary book), then look them up.