A→Z + T

A→Z + T is designed to accelerate community-based language development, supplemented by (not as a replacement for) formal linguistic training. It does this by systematically checking a dictionary (and thus a writing system), with initial focus on data collection for tonal languages.

Additional features are still in development. A→Z + T work results in a checked lexical database backed up with sound files, all of which can be viewed and edited in WeSay or imported into FLEx.

Why

See RATIONALE for more information on why one should use this tool; see Why Work with Computers to see A→Z + T compared with pen and paper participatory methods. See Why Work with Communities to see A→Z + T compared with more traditional field methods

What

A→Z + T is written in Python (3 +) and Tkinter, with PyAudio for recording and playing sound files. A→Z + T produces reports to the screen, plain text files, and XLingPaper XML documents —which can in turn be easily converted to PDF and HTML, each with clickable links to sound files.

How

To get the program: `git clone https://github.com/kent-rasmussen/azt.git` (or download through `code` button)

To run: `python main.py` (or `python3 main.py`, as appropriate for the (3 +) version of python on your system)

See INSTALL for more help installing; see USAGE for how to use this tool.

See CHANGELOG to see features by version, and ROADMAP to see what I'm working on next.

Bugs

See BUGS for information to send me if you have problems; see KNOWNISSUES with recommended work-arounds to a couple known issues.