



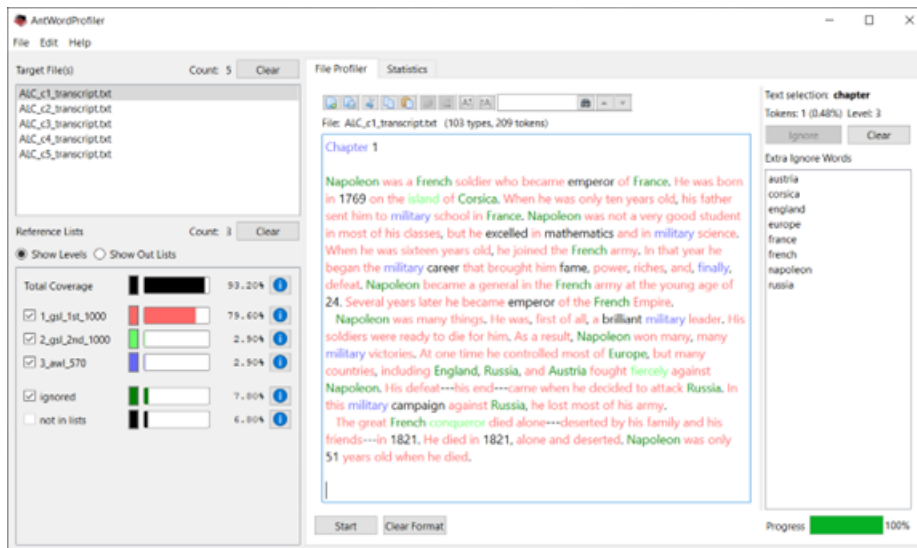
AntWordProfiler

Laurence Anthony, Ph.D.
Faculty of Science and Engineering,
Waseda University
3-4-1 Okubo, Shinjuku-ku, Tokyo 169-8555, Japan
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Table of Contents

Introduction	2
Getting Started	2
Windows (Installer)	2
Windows (Portable)	2
macOS	2
Linux	3
Loading Target Files	3
Loading Reference Lists	3
Profiling and Editing Individual Files	3
Profile Views	3
Useful Hints	4
Generating Statistics for All Files	5
Useful Hints	5
List Validation	5
Shortcuts	5
Windows	6
macOS	6
Citing/Referencing AntWordProfiler	6
Known Issues	6

Introduction



AntWordProfiler is a freeware vocabulary profiling and editing tool. It can process TEXT files (.txt) (UTF-8 encoded), Microsoft WORD (.docx) files, and PDF (.pdf) files, generating a color-coded view of the vocabulary levels for individual files or statistics across a set of files. Users can load in row-based or tree-based 'level lists' and expand these lists adding extra forms using a 'master list'. Users can also load in an 'ignore list' or add ignored words dynamically while processing texts.

AntWordProfiler runs on Microsoft Windows, macOS, and Linux. It is developed in Python with Qt and packaged for each operating system using PyInstaller.

Getting Started



Windows (Installer)

Double-click the *AntWordProfiler installer package* and follow the installer instructions. After installation, you can launch *AntWordProfiler* from the Start menu.



Windows (Portable)

Unzip the *AntWordProfiler portable ZIP package* into a folder of your choice. In the *AntWordProfiler* folder, double-click the *AntWordProfiler.exe* file to launch the program.



macOS

Double-click the *AntWordProfiler disk image* to mount it. Open the disk image and drag the *AntWordProfiler* app to the Applications folder (or another location if you prefer). You can then launch the app from Applications or Launchpad.



Download the *AntWordProfiler Flatpak bundle* and install it with `flatpak install <bundle-file>`. After installation, you can launch *AntWordProfiler* from your desktop application menu or from the command line with `flatpak run org.antlab.AntWordProfiler`.

Loading Target Files

- 1) From the "File" menu, select "Open Input File(s)" or "Open Input Dir".
- 2) Choose the files you want to process in the dialog box. You can load TEXT files (.txt) (UTF-8 encoded), Microsoft WORD (.docx) files, and PDF (.pdf) files.

Loading Reference Lists

- 1) From the "File" menu, select "Open Reference List File(s)..." or "Open Reference List Dir...".
- 2) Choose the list you want to use in the dialog box.

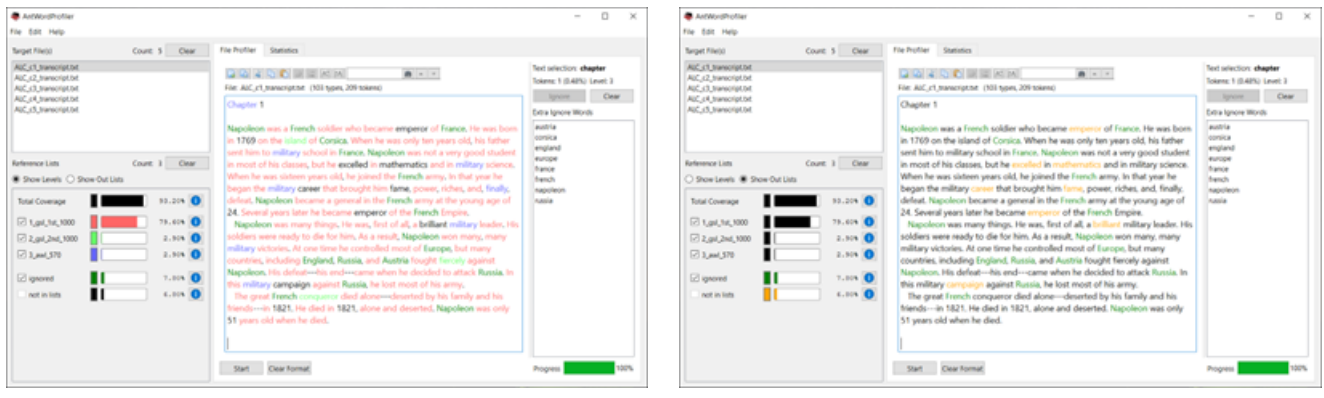
Profiling and Editing Individual Files

- 1) Double-click on the file name in the Target File(s) list. The file will appear in the main "File Profiler" window.
- 2) View the vocabulary profile in the left window frame. The profile can be switched to highlight words in the chosen text or words *not* in the chosen text. Individual reference files can be activated or deactivated to see their effect on the total vocabulary coverage.
- 3) Click the information button to see the words that appear in each level.
- 4) Edit the chosen file as necessary (e.g., to adjust the vocabulary level).
- 5) Click the Start button in the File Profiling window to update the profile coverage statistics.
- 6) To add words in the chosen file to the ignore list, select the word and then click the "Ignore" button in the File Profiling window. Only words that are not in the reference lists can be added. Alternatively, after selecting a word, right-click and choose the action from the pop-up dialog.

Profile Views

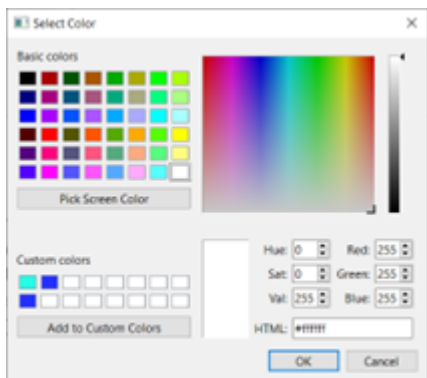
In-List View

Out-List View

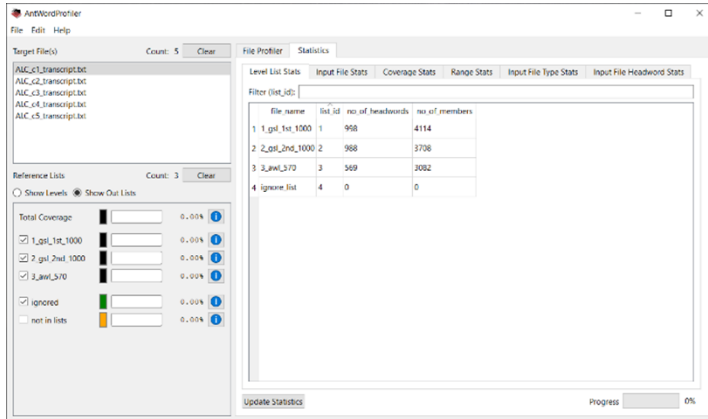


Useful Hints

- If you select and copy one or more words from the chosen file, you can then paste the selection directly into the “Extra Ignore Words” list. All words that are currently not in the reference lists will be automatically added. This can be useful if you want to quickly identify all “out-of-list” words in a text. Once the words are added to the “Extra Ignore Words” list, you can remove any specific words in the list by selecting them and clicking “Clear”.
- If you click on the “not in lists” information button you can immediately see all the words in the file that are currently not in the reference lists or ignore list (so-called “out-of-list” words). Again, you can copy and paste these into the “Extra Ignore Words” list and edit the list as necessary.
- The “File Profiler” window contains various useful text editing tools. Use these tools to load/save files, cut/copy/paste words, undo/redo text edits, increase/decrease the display font size, and search for words.
- To change any of the profiling display colors, click on the color indicator box to the left of the main coverage meter and select an alternative color.



Generating Statistics for All Files



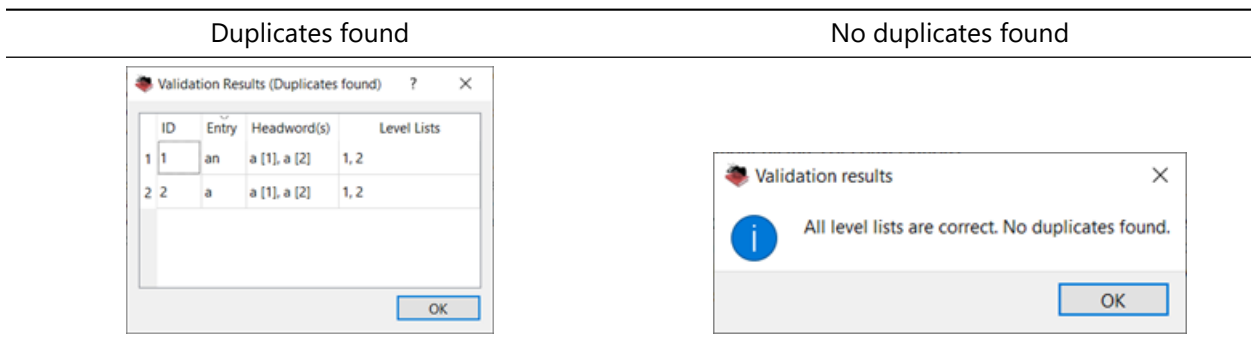
- 1) Double-click on the "Statistics" Target File(s) list and click the "Update Statistics" button at the bottom of the main window.
- 2) Click on the sub-tabs to see the various statistics tables.
- 3) Use the "Filter" option at the top of each statistics table to filter the results.
- 4) If you make any changes to the target files or reference lists, click the "Update Statistics" button again to refresh the results.

Useful Hints

- The results in each statistics table can be sorted according to the column values by clicking on the header for that column. Clicking the header again will reverse the order.
- The "Filter" option can be used in combination with the sort options to quickly identify various language patterns (e.g., the most frequent words in a particular level).

List Validation

Pre-loaded level lists can be checked for duplicates via File -> Validate Level Lists. On selecting the option, one of two dialog boxes is shown depending on whether duplicates are found or not. If duplicates exist, the first entry will be considered during profiling.



Shortcuts

The following shortcuts are available as is standard on the operating system.



Shortcut	Action
Ctrl+A	Select All
Ctrl+C	Copy
Ctrl+V	Paste
Ctrl+X	Cut
Ctrl+Z	Undo
Ctrl+Y	Redo
F5	Refresh/Update the profile
Ctrl+F	Find Next
Ctrl+Shift+F	Find Previous



Shortcut	Action
Command+A	Select All
Command+C	Copy
Command+V	Paste
Command+X	Cut
Command+Z	Undo
Command+Y	Redo
Command+Shift+Z	Refresh/Update the profile
Command+F	Find Next
Command+Shift+F	Find Previous

Citing/Referencing AntWordProfiler

Use the following method to cite/reference *AntWordProfiler* according to the APA style guide:

Anthony, L. (YEAR OF RELEASE). *AntWordProfiler* (Version VERSION NUMBER) [Computer Software]. Tokyo, Japan: Waseda University. Available from <http://www.antlab.sci.waseda.ac.jp/>

For example, if you download *AntWordProfiler* 2.0.0, which was released in 2022, you cite/reference it as follows:

Anthony, L. (2022). *AntWordProfiler* (Version 2.0.0) [Computer Software]. Tokyo, Japan: Waseda University. Available from <http://www.antlab.sci.waseda.ac.jp/>

Known Issues

None at present.