



## TagAnt (Windows, Macintosh, Linux)

Laurence Anthony, Ph.D.

Center for English Language Education in Science and Engineering, School of Science and Engineering, Waseda University, 3-4-1 Okubo, Shinjuku-ku, Tokyo 169-8555, Japan

### Version History

2.0.4

Bug fixes:

- 1) The .pkg installer approach on MacOS appears to change the ownership and permissions of apps in unpredictable ways causing some users to not be able to launch the app and/or use it without crashes. To address this problem, the MacOS version of AntConc will be released as a .dmg from 2.0.4 onwards.
- 2) The help file and version history file for the software have been updated to reflect recent changes and fix various typos.

2.0.3

Bug fixes:

- 1) While addressing the bug in 2.0.2 a different bug was introduced that caused the direct tagging operation to fail. This is now fixed. I took this opportunity to also slightly adjust the interface to position the start button in a more intuitive location.

2.0.2

Bug fixes:

- 1) When trying to read various malformed files (e.g., non-UTF8 encoded files, DOC files, PDF files), the program crashed. Files that cannot be processed are now ignored and a warning is shown. This change has led to a new feature being added, i.e., the ability to now process Word and PDF files.

2.0.1

Bug fixes:

- 1) Fixed an error that caused the file name to be repeatedly displayed in the output put after every line of a user file was tagged.
- 2) Fixed a refresh issue that caused the progress bar to not reflect the tagging progress.

2.0.0

New features:

- 1) *TagAnt* has now been completely re-written on top of the SpaCy natural language processing (NLP) framework. This allows for many new features to be added including: more languages to be processed, better accuracy, faster processing, more word components available to be displayed
- 2) The *TagAnt* interface has been completely re-written to reflect the options offered by the new underlying engine.
- 3) The build process to compile the app for Windows has been updated. Now the application is released with an installer or as a portable application.
- 4) The build process to compile the app for Mac OS has been updated. Now the application is released as a pkg file that can be installed into a normal location (e.g. the Applications folder). The app is also digitally signed and notarized by Apple so fewer security errors will appear.

1.3.0

New features:

- 1) *TagAnt* now handles many more languages.
- 2) *TagAnt* now stores the tagged files in a separate folder (called "tagged") in the parent folder of the raw texts.

### 1.2.0

#### New features:

- 1) Now handles many more languages.
- 2) Now line breaks are maintained in the tagged output.

#### Bug fixes:

- 1) Sometimes the program would hang when processing non-English text. This has hopefully been fixed.
- 2) Now file name ordering is maintained in the output window.

### 1.1.2 A minor update

#### Bug fixes:

- 1) A bug introduced in 1.1.1 causing txt files to not open correctly in Macintosh OS X has now been fixed.

### 1.1.1 A minor update

#### Bug fixes:

- 1) File names ending with ".TXT" will now be processed correctly.
- 2) Non-English filenames (and paths) that are dragged and dropped into the interface will now be processed correctly.
- 3) To address a problem causing the non-English file tagging to freeze the program, the program now tags an entire file instead of individual lines. This reduces the hanging effect, but also means that very long files cannot be processed if you expect them to require all the system memory to load.
- 4) The progress bar now correctly updates after each file has been tagged.

### 1.1.0

#### New features:

- 1) Attempting to tag files that are not encoded in UTF-8 will now generate a warning message. The status of the files ("tagged" or "not tagged") will be shown in the results window
- 2) The interface has been tweaked to be more intuitive when input text or files are cleared, or the results are cleared.
- 3) Some widgets have been renamed to be easier to understand.
- 4) The best font for a particular system is now decided by the *TagAnt*. This addresses a slight font misplacement issue on Mac OSX 10.9.x (Mavericks) systems.
- 5) Files are now processed line by line instead of all at once. This will allow very large files to be tagged without problem
- 6) Fixed a bug on OS X that caused the program not to run if the name "TagAnt" was changed to something else with a space in it.

### 1.0.0

This is the first version of the program

Copyright 2021 Laurence Anthony. All rights reserved.