

# WordStatix - User manual

Version 1.2.0

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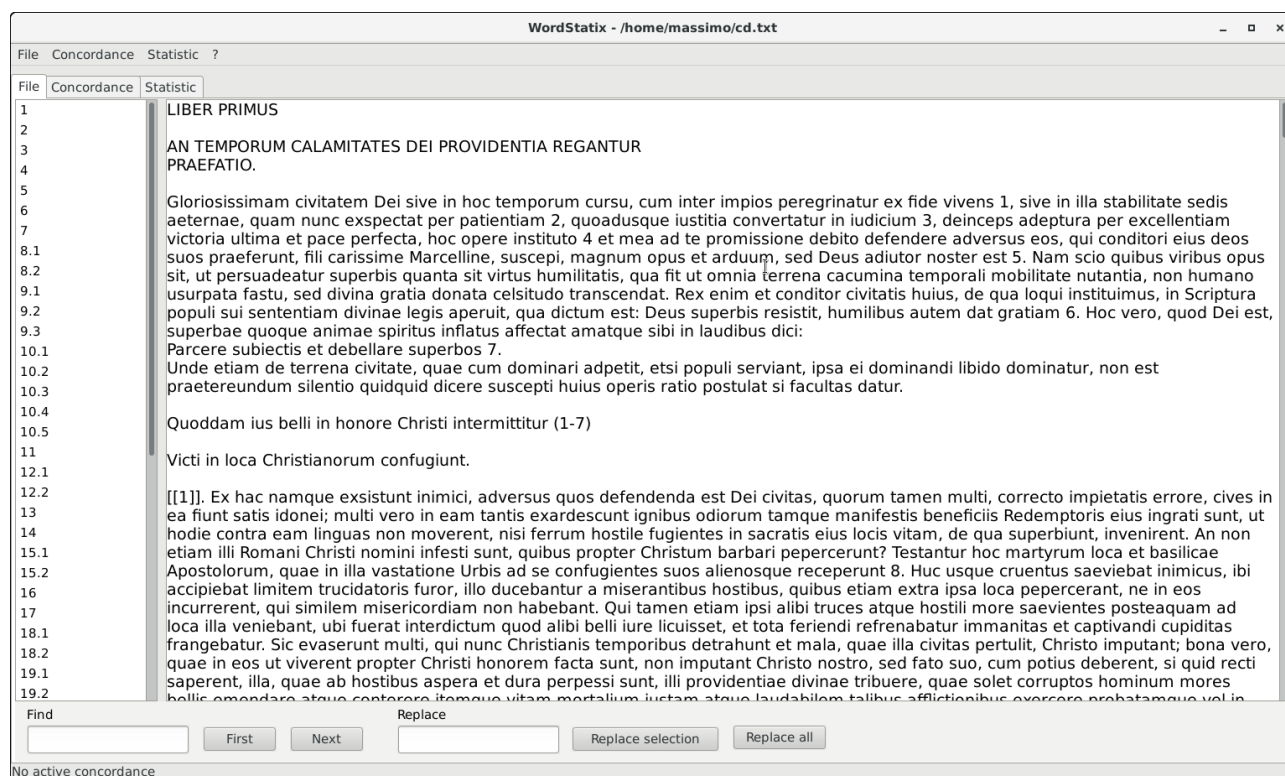
WordStatix is a free and multiplatform software useful to create concordances, that is a list of the words used within a document, possibly structured in chapters, numbers or in any another way, along with their recurrence and context. The software allows to track specific words by prefix or suffix, to skip those which are meaningless (like articles or prepositions) and to create a simple statistic of the recurrence of single words within the different sections of the document.

WordStatix is free software and is released under the GPL license version 3 or following. It has been created with Free Pascal and Lazarus.

The interface of WordStatix is divided in three sections, called “File”, “Concordance” and “Statistic”, which corresponds to the main menu items and that can be selected with “Ctrl” + “1”, “Ctrl” + “2” and “Ctrl” + “3”. In the first section it’s possible to manage the document to be analyzed, in the second to create the concordance and in the third to see the recurrence of some selected words in the various sections of the document. Let’s take a look at each one of them.

## File section

The File section, with some sample data, looks like this:



The bigger field on the right contains the document to be analyzed. It can be inserted in many ways.

- It can be typed directly by the user.
- It can be copied and pasted from many sources, like a word processor, a browser or a pdf file, with “Ctrl” + “C” or with the popup menu available with a right click of the mouse on this field.
- It can be opened or imported with the menu item “File – Open” or with the shortcut “Ctrl” + “O”.

The file formats that WordStatix can actually open or import are:

- text files, usually with “.txt” extension or with no extension at all, which are used natively by WordStatix and that can be produced also with a word processor, saving the document in text format;
- Open Document (.odt) files; in this case the footnotes and the endnotes are shown within the text among single square brackets.

While opening a document, if a file with no extension or with .odt extension is not visible, select the “Writer file” or “All files” filter in the opening form.

The menu item “File – New” is useful to clear everything and start a new document and the related concordance. The menu item “File – Save” or the shortcut “Ctrl” + “S” is useful to save the current document in text format, if some changes have been made. The menu item “File – Save as...” is useful to change the name of the file to be saved. The menu item “File – Exit” or the shortcut “Ctrl” + “Q” quits the software.

It’s also possible to clean a text pasted from another source if this contains unwanted carriage returns at the end of each line and double spaces. Just separate each paragraph with an empty line and press “Ctrl” + “Shift” + “K”. Note that carriage returns, like punctuation marks, are not relevant for the concordance, so they can be added freely.

The list on the left gathers all the bookmarks contained within the document. A bookmark is a single word contained among double square brackets (like “[chapter1]”) and without commas or spaces inside it which denotes the beginning of a new section of the text, like a chapter, a number or the like. A bookmarks must be typed by the user within the document just before the beginning of a new section, but possibly also in any other place if it’s necessary to create a different structure of the document. Obviously the bookmarks will not be included in the concordance.

To insert an existing word as bookmark, select it and use the menu item “File – Set Bookmark” or the shortcut “Ctrl” + “R”. In this case the list of the bookmarks will be updated automatically. If no word is selected, this menu items will simply insert the double square brackets, and the user will have to type the bookmark inside them. In this case the bookmark list will not be updated automatically, but this can be done manually with the menu item “File – Update bookmark list” or the shortcut “Ctrl” + “U”.

A click on a bookmark in the bookmark list selects the corresponding bookmark in the text.

At the bottom of the section there are fields and buttons to find a text within the document in use and to replace the text found with another text. Fill the field “Find” with the text to look for and then press “First” to select its first recurrence and “Next” to select its next recurrences. Fill the field “Replace” with a text to replace the searched one, and then press “Replace selection” to replace the actual selection, or “Replace all” to replace all the recurrences of the searched text. Not that the software will search and replace text also within words and not only whole words.

## Concordance section

The Concordance section, with some sample data, looks like this:

WordStatix - /home/massimo/cd.txt

File Concordance Statistic ?

File Concordance Statistic

Words	Recurrences	Select
propter	29	<input type="checkbox"/>
qua	29	<input type="checkbox"/>
ille	27	<input type="checkbox"/>
nam	27	<input type="checkbox"/>
nisi	27	<input type="checkbox"/>
sit	27	<input type="checkbox"/>
verum	25	<input checked="" type="checkbox"/>
eos	24	<input type="checkbox"/>
ex	24	<input type="checkbox"/>
ista	24	<input type="checkbox"/>
quos	24	<input type="checkbox"/>
ac	23	<input type="checkbox"/>
ubi	23	<input type="checkbox"/>

Sort by  
☒ Recurrences  
☐ Words

Words in context

Words to skip (separated by commas)  
 atque, cum, de, enim, esse, est, et, etiam, hoc, nec, quae, quam, qui, quod, sed, sunt, ut, vel

Only words starting with (separated by commas)

Only words ending with (separated by commas)

Recurrences of the selected word with context

[2] ... manibusque cruentis Virgineas ausi divae contingere vittas? Nec tamen quod sequitur verum est: Ex illo fluere ac retro sublapsa referri Spes Danaum 10. ...

[2] ... ipsa Minerva perdiderat, ut periret? An forte custodes suos? Hoc sane verum est; illis quippe interemptis potuit auferri. Neque enim homines a simulacro, ...

[3] ... atque canerentur, poetas libebat mentiri, sed cordatos homines cogebat veritas confiteri. Verum ista opportunius alio loco diligenter copioseque tractanda sunt: nunc, quod institueran

[6] ... enim cuius modi essent, et cum ei non solum multa grandia, verum etiam renuntiarentur armata: Relinquamus, inquit, Tarentinis deos iratos 22. Cum igitur ...

[9.2] ... non audent offendere homines, quorum sibi vita contaminatissima et consceleratissima displicet; verum etiam hi, qui superiorem vitae gradum tenent nec coniugalibus vinculis irret

[10.3] ... e argentum, pro quo pati miserimum fuit, seu mentiendo occultaretur, seu verum dicendo proderetur. Namque inter tormenta nemo Christum confitendo amisit, nemo aurum ...

[12.2] ... spreverunt. Rident haec illi, contra quos defendendam suscepimus civitatem Dei. Verum tamen sepulturae curam etiam eorum philosophi contempserunt 46. Et saepe universi ...

[12.2] ... quibus et ipsius carnis membrorumque omnium reformatio non solum ex terra, verum etiam ex aliorum elementorum secretissimo sinu, quo dilapsa cadavera recesserunt, in ...

[13] ... eius de cruce acceptum diligenter atque honorifice tegendum sepeliendumque curarunt 52. Verum istae auctoritates non hoc admonent, quod insit ullus cadaveribus sensus, sed ...

[14] ... e navi, exceptum delphini dorso et ad terras esse pervectum 56. Verum illud nostrum de Iona propheta incredibilis est. Plane incredibilis quia mirabilis, ...

[15.1] ... infligi. Qui ergo propterea colebantur, ut istam vitam prosperam redderent, si verum iuranti has irrogari poenas seu voluerunt seu permisissent, quid periuro gravius ...

[15.2] ... ille deos colenti accidere potuisse fateantur et Christianis temporibus non calumnientur. Verum quia de illis Christianis orta quaestio est, qui etiam captivati sunt, ...

[16] ... praeter culpam esse patientis. Sed quia non solum quod ad dolorem, verum etiam quod ad libidinem pertinet, in corpore alieno perpetrari potest: quidquid ...

[17] ... cum se occidit, sceleratum hominem occidit, et tamen non solum Christi, verum etiam suae mortis reus finivit hanc vitam, qua licet propter suum ...

[19.1] ... hi, contra quos feminarum Christianarum in captivitate oppressarum non tantum mentes, verum etiam corpora sancta defendimus? Lucretiam certe, matronam nobilem veteremau

Total words: 11483 - Unique words: 4481 - Concordance done in 00:00:19.

The top left grid shows the list of the words and their recurrence in the document in use. To fill it, use the menu item “Concordance – Create concordance” or the shortcut “Ctrl” + “N”. To interrupt the creation of the concordance, use the shortcut “Ctrl”+ “Shift” + “H”. While creating the concordance, which may take some time, the status bar at the bottom of the form will report the words analyzed, and at the end of the procedure also the time spent. The concordance list is sorted by words of by recurrence according to the value of the field “Sort by”. Changing this value, the sorting will be updated correspondingly.

In the field “Words to skip (separated by commas)” the user may type some words, separated by commas, that should not enter in the concordance since they are meaningless, like articles and propositions. It’s possible to add to this list a word already present in the concordance grid with the menu item “Concordance – Add current word to skip list” or with the shortcut “Ctrl” + “K”. In this way, that word will be also removed from the concordance. To remove just the word from the grid without inserting it in the skip list, use the menu item “Concordance – Remove current word” or the shortcut “Ctrl” + “Shift” + “K”.

The skip list will be remembered by the software. Anyway, it’s possible to save it in a text file with the menu item “Concordance – Save skip list...” and open an existing skip list with the menu item “Concordance – Open skip list...”. In this way the user may keep different skip lists corresponding to different languages or kind of documents to analyze.

In the field “Only words starting with (separated by commas)” it’s possible to type one or more prefix of words separated by commas. When creating the concordance, only the words beginning with one of those prefix will be shown.

In the field “Only words ending with (separated by commas)” it’s possible to type one or more suffix of words separated by commas. When creating the concordance, only the words ending with one of those suffix will be shown.

When a word is selected in the concordance grid, in the bottom grid “Recurrence of the selected word with context” is shown each single recurrence of that word in the document in use. Each recurrence will be reported in a single row along with its context, that are the words before and after it. The number of words before and after the selected one are determined by the field “Words in context”, whose value can be changed by the user and will be remembered by the software. At the beginning of each recurrence, among single square brackets, is shown the last bookmark before that

recurrence, to indicate the section of the document in which it's located. If no bookmark is present, an asterisk will be shown.

A single recurrence of a word in the bottom grid "Recurrence of the selected word with context" can be removed, if for some reason it's not to be included. To do this, use the menu item "Concordance – Delete selected recurrences" or the shortcut "Ctrl" + "D". To restore the removed recurrences, just recreate the concordance.

The words in the concordance grid may also be individually selected with a click on the check box in the column "Selected" or with the space bar. Then it's possible to show only the words that are selected in this way with the menu item "Concordance – Show only selected words" or with the shortcut "Ctrl" + "L". When this filter is enabled, the same menu item will remove it and show all the words of the concordance grid.

It's possible to save the concordance in a text file with the menu item "Concordance – Save concordance..." or with the shortcut "Ctrl" + "Shift" + "S". The software will ask for a possible title to be inserted at the beginning of the concordance. Note that only the words that are actually visible will be saved in the file.

## Statistic section

The Statistic section, with some sample data, looks like this:

WordStatix - /home/massimo/cd.txt

FileConcordanceStatistic?

FileConcordanceStatistic

	1	2	3	4	5	6	7	8.1	8.2	9.1	9.2	9.3	10.1	10.2	10.3	10.4	10.5	11	12.1	12.2
civitas	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
civitatem	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
civitatibus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
civitate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
civitates	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
civitati	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
civitatis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Total words: 11483 - Unique words: 7 - Concordance done in 00:00:08.

In this section it's possible to show a grid with the recurrence of the words selected in the concordance grid within each section of the document (so, within each chapter, number, etc.), that is after each bookmark. The words are shown on the left column, while the bookmarks are shown in the top row. To create or update the statistic, use the menu item "Statistic – Create statistic" or the shortcut "Ctrl" + "G".

This series of values can be exported in a CSV file, which can be easily imported in a spreadsheet like Calc. To do this, use the menu item "Statistic – Save statistics..."

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