Preface



There was only one other Word-processor written for the Z88 as the 'built-in' application Pipedream gave the user this capability. Spell-Master allowed the user to check the Pipedream document for any English spelling mistakes, which meant that it was aimed at the UK marketplace.

Quick Edit did have a very undersold feature in that the  key put a TAB character in the file rather than jumping to another column as in PipeDream.

* + [About Computer Concepts](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-AboutComputerConcepts)
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			* [2. Add word to user dictionary](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-2.Addwordtouserdictionary)
			* [3. Guess correct word](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-3.Guesscorrectword)
			* [4. Change word](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-4.Changeword)
			* [5. Browse through dictionary](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-5.Browsethroughdictionary)
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About Computer Concepts



Computer Concepts developed two applications for the Z88 and called it Spell-Master. More details can be found for the company - see <http://www.cconcepts.co.uk/info/history.htm>

Spell-Master for the Z88

Download



These applications need 128K of either EPROM or Flash space.


Introduction

Some people enjoy technology for the sake of it, while others question its value. Spelling checkers are sometimes criticized as an unnecessary gimmick. The usual question is "Why use a spelling checker when you have a perfectly good conventional dictionary?".

There are fundamental problems with using a conventional dictionary to find the spelling of a word. You have probably already heard someone say "How can I look up the spelling of a word if I don't know how it's spelt?". This is a reasonable point, but the real problem is that you only look-up a word in the dictionary if you realize that you don't know how to spell it.

We usually learn to spell at school because a tutor will check our work and point out the words which are incorrect. After school, we don't usually know if we make a mistake. Spell-Master takes over the role of checking text for spelling errors. It isn't as efficient as a human checker, because it is not contextual. That is to say, it can check whether a word is spelt correctly, but not that the words are the correct ones to use, that they are in a sensible order, or that the grammar is correct. For example, Spell-Master would see nothing wrong with the following:- "Master Spell good checker. very is spelling a".

Given its limitations, Spell-Master still has a vital role to play. Even someone who is excellent at correct spelling will need a spelling checker in order to highlight typing errors.

Version Number



The final version of WordFinder and QuickEdit is 1.05.

An overview of Spell-Master

Spell-Master provides a complete system for entry and checking of text. It consists of two main parts, an application program named QUICKEDIT and a pop-down program named WORDFINDER.

What IS QUICKEDIT ?



QUICKEDIT is an integrated text editor and spelling checker. It is not a word processor like PipeDream; it contains no facilities for controlling printers, handling mathematical functions or formatting. It is much simpler than PipeDream, enabling text to be entered and edited with the minimum of fuss.

QUICKEDIT is fully integrated with a range of spell checking facilities. [Check as-you-type](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-Checkasyoutype) provides instant checking of every word as it is entered or edited, just giving a beep if the word is unrecognised. This means that you can either correct the word immediately (using options provided) or ignore it and return to it when convenient. For checking text that has already been entered there are options to check one word, a marked block, or the whole text.

Text which has already been entered in Pipedream can be loaded into QUICKEDIT for checking and correction, then re-loaded into PipeDream for final formatting.

Any regularly used words which are not in the main dictionary (such as specialised terms or peoples' names) can be added to a user dictionary. During checking operations words are compared against both the main dictionary and the user dictionary. User dictionaries effectively increase the size of the Spell-Master dictionary.

When a word is unrecognised there are several ways to deal with it. If the word is correct but missing from the dictionary, it can be added to the user dictionary. If the mistake is a simple typing error - a missing letter, transposed letters, etc. then Spell-Master will be able to work out the intended word and offer the correct spelling. For determining the unknown spelling of words, you can browse through the dictionary to pick out the one you want, or enter those letters which are known and have Spell-Master list all possible words which match (an advanced crossword solution).

Whatever the mistake, one of Spell-Master's facilities will enable it to be corrected quickly and easily.

What is WORDFINDER ?

WORDFINDER is a pop-down utility program. Like pop-downs built into the Z88, such as the clock and the calculator, it can be accessed at any point without having to exit from the current application.

WORDFINDER lets you browse through the dictionary, solve a crossword clue, solve an anagram, or have WORDFINDER guess the correct spelling of a word.

Installation

[See Fitting & Using the ROM in the "Read me First" Section](https://cambridgez88.jira.com/wiki/spaces/ZP/pages/28016689)

QUICKEDIT

This section describes QUICKEDIT in detail, listing all of the menus and explaining the more complex operations. QUICKEDIT has been designed in keeping with other Z88 applications and pop-downs, so if you are already familiar with the Z88, only the SPELLING facilities will need to be learnt.

ENTERING QUICKEDIT

You can enter QUICKEDIT from the **** by using the selection bar and pressing RETURN in the usual manner. Because QUICKEDIT and WORDFINDER are the last items in the list, it is easier to reach them from the top of the list by pressing  once, rather than lots of times. Alternatively, press Q to enter it directly, without first having to enter the INDEX.

Upon entering QUICKEDIT you will see a display similar to that of PipeDream, though lacking the column headings and row numbers. A menu list is shown at the left hand end of the display, and a status area at the right hand end.

The status display is continually updated. It shows the current line number on which the cursor is positioned (initially 1), which increases as the cursor is moved down the text. Note that this count increases in a uniform manner all the way through the document; there are no page breaks. The status display also indicates whether currently the Insert or Overwrite mode is currently in use, and if the '[check as you type](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-Checkasyoutype)' facility is turned on.

The contents of each menu is shown below, accompanied by explanations of the complex commands.

QUICKEDIT MENUS

|  |  |
| --- | --- |
| [BLOCK](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-BlocksMenu) | Markers and text blocks |
| [CURSOR](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-CursorMenu) | Cursor controls |
| [EDIT](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-EditMenu) | Editing controls and Info command |
| [FILES](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-FilesMenu) | Saving and loading text and user dictionaries |
| [SPELLING](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-SpellingMenu) | Spelling checker and dictionary facilities |

Blocks Menu



**Marking a block**

Insert two markers in order to use the Copy, Move or Delete marked block commands. The first marker simply inverts the single character on which it is placed. Only when a second marker is placed will the marked block be inverted. Note that this differs slightly from PipeDream, which attempts to invert the area even when a second marker has yet to be inserted.

**Copy marked block**

Having marked a block, move the cursor to the required position for the copy to be inserted, then select 'Copy marked Block' from the BLOCK menu, or press BC. The marked block is duplicated at the required position.

**Move marked block**

Having marked a block, move the cursor to the point to which the block should be transferred. Select 'Move marked block' from the BLOCK menu, or press BM. The block is copied to the new location and the original deleted

**Delete marked block**

Having marked a block, select 'Delete marked block' from the BLOCK menu, or press BD. The marked block is then deleted. This action cannot be reversed and should consequently be used with care. In order to avoid accidental deletion of large areas, a safety-net prompt will ask you to confirm the action, if the area being deleted covers more than five lines.

**Search for string**

This command provides a means for finding the location of a string of characters in the text. A prompt appears, asking for the text to be found. Type the required string and press ****. QUICKEDIT searches from the current cursor position and stops at the first located position of the specified string of characters. If no occurrences of the string are found, the cursor will move to the end of the text.

**Search and replace**

This command is similar to 'Search for string' above, but allows any or all occurrences of a string of characters to be replaced with a different string of characters.

**Next match**

This will initiate a search for the next occurrence of the previously entered search string. If the string is found, the cursor will be moved to the corresponding position in the text.

**Remove markers**

This removes any markers currently placed within the text.

Cursor Menu


All QUICKEDIT cursor controls are compatible with their equivalents in PipeDream. However, note that  inserts the necessary number of spaces to move to the next eight-character column, which is different to the use of **** in PipeDream.

Edit Menu



**Join lines and Split line commands**

These command sequences are provided merely for compatibility with PipeDream. If you are used to pressing EJL to join lines and ESL to split lines - as necessary in PipeDream - then it can be difficult to break the habit. In QUICKEDIT you can split a line at the cursor position just by pressing ****, and the lines can be re-joined by pressing  at the start of a line or ****  at the end of a line. QUICKEDIT treats line breaks in the same way as ordinary characters. You can therefore shoose whichever method suits you best.

**Information window**

The information command displays a small window containing a few useful details about the current status. In particular, it will calculate and display the total number of words and lines in the text. It also shows the name of the file being edited (if it has been saved or loaded in order to give it a name), the amount of memory remaining and the name of the current user dictionary (if any).



Note: There is no file loaded and the Z88 has a 1M RAM in slot 1.

Files Menu



**Load text**

This prompts for a filename and loads the file into QUICKEDIT. If any text is already present then it is completely replaced by the newly loaded file.

**Save text**

This prompts for a filename to use for saving the text. If the file has previously been saved or loaded, the filename will have been retained and is offered when re-saving. Note that a safety-net prompt is issued when saving a file which will overwrite an existing one of the same name.

**Save marked block**

This saves only the currently marked block of text. The block could then be merged into another document.

**Merge text at cursor**

This prompts for a filename and merges the specified file into the current text, inserting it at the current cursor position. Merge can be used to merge user dictionary files into a single file.

**Load user dictionary**

This prompts for a filename and loads it as a user dictionary. Usually a file saved explicitly by QUICKEDIT as a user dictionary would be loaded, although any list of words separated by ENTER can be treated as a user dictionary.

**Save user dictionary**

This saves the current user dictionary into a file. If this user dictionary has previously been saved or loaded then the filename is retained and offered as the filename to be used again.

**Change name**

This allows the filename to be entered or edited without saving. Note that the filename is shown in the **INDEX**'SUSPENDED ACTIVITIES' list and is therefore useful for distinguishing one activity from another. This facility also exists within PipeDream.

**Save for export**

The normal QUICKEDIT save command stores text in a format compatible with PipeDream. However, PipeDream format is not suitable for export to many word processors on other machines. The Save for export option provides a facility for transferring QUICKEDIT text in a more compatible manner.

A file saved with this command will contain no embedded PipeDream commands; it has no special codes except carriage return (ASCII code 13 decimal), which occur only at the ends of paragraphs.

Use save for export when transferring text to a BBC Micro for loading into Wordwise, Wordwise Plus or Inter-Word. For other word processors and other machines, try both Save text and Save for export and see which is best.

**Print out text**

This command will send text to the printer exactly as displayed on the screen. It is important to note that it will **not** split the text into pages, nor will it obey PipeDream embedded commands to give highlights. If the document contains PipeDream commands it is still best to use PipeDream to print it out.

If there is no printer connected, QuickEdit will wait indefinitely, in which case press  to go back to the text.

Spelling Menu



**Check all text**

This initiates a spelling check of the entire text. Any words which are unrecognised will cause entry to the correction menu (see [CORRECTING A WORD](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-CORRECTINGAWORD)).

**Check from cursor**

This initiates a spelling check starting from the current cursor position in the text. The check ends when it reaches the last line, which means that any text above the initial cursor position is not checked. This is useful when part of the text has already been checked, avoiding the need to check it again. If 'Check all text' has been used and terminated prior to completion, use 'Check from cursor to continue. Any words which are unrecognised will cause entry to the correction menu (see [CORRECTING A WORD](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-CORRECTINGAWORD)).

**Check this word**

This checks just the word at the cursor. If the word is unrecognised then it will cause entry to the correction menu (see [CORRECTING A WORD](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-CORRECTINGAWORD) below). Use 'Check this word' to deliberately enter the correction menu when '[Check-as-you-type'](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-Checkasyoutype) indicates an unrecognised word.

Note that pressing the **-ESC-** key from the editor is equivalent to CW and will perform a 'Check word at cursor' command.**** is more convenient and is therefore recommended for use in preference to CW.

**Check marked block**

This checks only the text within the currently marked block. In all other respects it operates in the same manner as 'Check all text' above.

**Check as you type**

This enables or disables the 'check as you type' facility. When enabled, each word is checked as it is entered or edited and a warning beep sounds if it is unrecognised.

If a word is unrecognised and there is no obvious reason (such as a typing error which can be corrected by normal editing), press , as a shortcut for CW, to enter the correction menu (see [CORRECTING A WORD](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-CORRECTINGAWORD) below).

TRANSFER TO AND FROM PIPEDREAM

A file saved by PipeDream (using the save command,FS) can be loaded into QUICKEDIT using the 'Load text' command (FL).

If text is entered into PipeDream in a raw form, it can be transferred to QuickEdit, and back to PipeDream if necessary, without complication. This is the recommended method of use. However, the following will help if you do need to deal with text which has been formatted in special ways.

An ordinary PipeDream file contains embedded codes enclosed between percentage symbols (%), although you wouldn't usually see them. If the column layout is altered or printer codes are added then PipeDream inserts embedded codes and they will be visible when the text is loaded into QUICKEDIT. However, if the layout remains unaltered, text transferred to QUICKEDIT will look the same as it did in PipeDream. QUICKEDIT ignores PipeDream commands.

Leaving the embedded codes intact allows the file to be saved from QUICKEDIT and re-loaded into PipeDream, without losing its formatting information. Any embedded codes are skipped during spell check operations in QUICKEDIT, so you may simply ignore them and concentrate on the text itself.

PipeDream text is not automatically re-formatted when it is loaded into QUICKEDIT. This means that it will look the same as it did in PipeDream. Use the 'Reformat paragraph' command (R) to reformat the text if necessary.

Because of the way in which PipeDream handles columns of text, the columns will be listed below each other when loaded into QUICKEDIT. This can be a little confusing, particularly if information in one column relates to information in an adjacent column. However, it does not affect the accuracy of spelling checks and so is of little importance unless you want to perform general editing on such a piece of text. When the text is saved and reloaded into PipeDream, the embedded codes ensure that the text returns to its original columniform layout. QUICKEDIT does not support on-screen columns in any form.

Transferring text from PipeDream to QuickEdit

Starting in PipeDream with text already entered, it can be transferred to QUICKEDIT for editing and spell checking with the following steps:-

1. Press FS to save the text as a file. This prompts for a name for the file or, if a name has previously been entered, shows it already present. Enter a filename if one has not already been entered (see the Z88 User Guide for details of filename conventions).
2. Press  to enter the index.
3. Using the  and  keys to move the selection bar in the application list, move onto QUICKEDIT and press  to select it.
4. Press FL to load the file into QUICKEDIT. This prompts for a filename; enter the same name as you entered when saving the text in 1 above.

The text will appear in QUICKEDIT ready for editing. If embedded commands appear within the text, avoid changing them if you intend to return the text to PipeDream later.

[Save plain text](https://cambridgez88.jira.com/wiki/spaces/UG40/pages/17530976/Working%2Bwith%2Bfiles%2B-%2BFILES)

The Save command in PipeDream (used in 1 above) displays a series of options, including one which allows the file to be saved in plain text format (without the embedded % codes), as shown below:



If you intend to return the file to PipeDream then this option should remain set to 'No', so that PipeDream saves its embedded formatting codes. However, if the file does not need to be returned, or if the formatting is not required, the option can be set to 'Yes'.

**Note**:- Spell-Master user dictionaries are plain text files with each word on a new line (press  between each word). Therefore, if you create or edit user dictionaries in PipeDream, ensure that the 'Save plain text' option is set to 'Yes' when saving the file.

Transferring text from QUICKEDIT to PipeDream

1. Starting in QUICKEDIT with text already entered, it can be transferred to PIPEDREAM with the following steps:
2. Press FS to save the text as a file. This prompts for a name for the file or, if a name has previously been entered, shows it already present. Enter a filename if one has not already been entered (see the Z88 User Guide for details of filename conventions)
3. Press **** to enter the index.
4. Using the and  keys to move the selection bar in the application list, move onto PipeDream and press **** to select it.
5. Press FL to load the file into PipeDream. This prompts for a filename; enter the same name as you entered when saving the text in 1 above

SPELLING CHECK OPERATIONS

DICTIONARIES

Spell-Master has a large dictionary of approximately 60,000 words built into the ROM cartridge. It is not possible to add new words or delete existing words from the main dictionary.

Although it is not possible to modify the main dictionary, you can build your own dictionary called a "User dictionary". User dictionaries can contain frequently used words which are not in the main dictionary - specialised words connected with your profession, names of companies and people with whom you work, etc. Spell-Master will check words against the main dictionary and then against the user dictionary, if one is present.

Unrecognised words may be added to a user dictionary during checking. The dictionary can then be saved in a file for later use.

CORRECTING A WORD

When Spell-Master encounters an unrecognised word, it enters the correction mode. (Whilst using the '[Check as you type](https://cambridgez88.jira.com/wiki/content-only/viewpage.action?pageId=33521782&iframeId=fallback-mode&xdm_e=https://cambridgez88.jira.com/&xsm_c=fallback-mode-fake-key__862889577865767&cp=/wiki&cv=0.0.0-fallback-mode&lic=none#Spell-Master-Checkasyoutype)' facility, the computer will beep to indicate an unrecognised word. It is then necessary to deliberately enter the correction mode if required.)

A numbered list of options for correcting the word is displayed. At the same time, Spell-Master starts searching through its dictionary, trying to find any words which closely resemble the unrecognised word. After a few seconds, these words are displayed in a "Guess" window to the right of the correction options. If no words in the dictionary resemble the unrecognised word, a message "No guesses" is displayed in the window.

You can scroll through the list of guesses, moving the highlight bar with cursor keys in the usual manner, and press **** to select the correct word - if it is listed. Alternatively, press **** to make a choice from the correction menu options listed below.

If no action is to be taken (which is unusual), pressing the **** key will continue with the checking operation currently in progress.

**1. Ignore word**

This causes the unrecognised word to be ignored in every occurrence during the current checking operation. The word remains unaltered in the text and is not added to the user dictionary.

**2. Add word to user dictionary**

This adds a word to the current user dictionary. If no user dictionary has been loaded then one is automatically created in memory. This can later be saved for use in another QUICKEDIT document, using the 'Save user dictionary' command (FUS).

Note that each 'incarnation' of QUICKEDIT (each entity in the suspended activity list) has its own user dictionary. If a user dictionary has been created in one QUICKEDIT incarnation, it must be saved and loaded into a new incarnation in order to be used. For example, if QUICKEDIT appears three times in the suspended activities list in the **INDEX**, there are three separate user dictionaries. Adding a word to one does not add it to the others. This is an unfortunate limitation of the way the Z88 works.

It is advisable to keep one main user dictionary and load it each time you start a new QUICKEDIT activity. If you add words to the user dictionary, save it again to retain the changes.

**3. Guess correct word**

This function is also available in Wordfinder

As soon as the word correction window appears, Spell-Master starts searching through the main dictionary and then the user dictionary, finding all words which closely resemble the unrecognised word. When it has finished, it displays the list of guesses (if any) in a window to the right of the option menu. You can use the cursor keys ( and keys) to move the selection bar up and down the list, scrolling through the list if there are more than fit in the window.

If one of the guesses is the correct spelling of the intended word, move the selection bar onto it and press****. The unrecognised word and all following occurrences will be replaced by the selected word.

It can take a few seconds to compile the complete list of guesses, but you don't have to wait for it to finish if you want to select one of the other options. At any time before completion of the guess list, just press any key to exit from the guess search and display a selection bar on the correction menu. You can then select another option by pressing . Alternatively, as a short cut, at any time during or after completion of the guess list, press the numeric key which corresponds to the option you wish to select.

**4. Change word**

This displays the unrecognised word and allows it to be edited. You may insert or delete characters and use the and  keys to move left or right within the word. Press **-ENTER-** when the word has been corrected to your satisfaction.

Note that you can use the 'Change word' facility to make one word into two. This is particularly useful when the space between two words has accidentally been omitted. For example, if the unrecognised word was "No space" then there would be no single correct replacement word. However, by using 'Correct word', you could move the cursor between the "o" and the "s" and insert a space, then press  to make the change in the text.

**5. Browse through dictionary**

This function is also available in Wordfinder

This displays a window containing a few of the words in the dictionary. The selection bar is positioned on the word which most closely resembles the unrecognised word. You now have access to the entire dictionary. (The list of words is a combination of the main Spell-Master dictionary and the user dictionary (if any).) The following controls are available:

|  |  |  |  |
| --- | --- | --- | --- |
| **https://cambridgez88.jira.com/wiki/download/attachments/1441813/symb_up.png?version=1&modificationDate=1322299567651&cacheVersion=1&api=v2** | Previous Word | **https://cambridgez88.jira.com/wiki/download/attachments/1441813/symb_down.png?version=1&modificationDate=1322299516421&cacheVersion=1&api=v2** | Move to next Word |
| https://cambridgez88.jira.com/wiki/download/attachments/35913734/symb_diamond.png?version=4&modificationDate=1390033966916&cacheVersion=1&api=v2https://cambridgez88.jira.com/wiki/download/attachments/1441813/symb_up.png?version=1&modificationDate=1322299567651&cacheVersion=1&api=v2 | Previous 1st letter category | https://cambridgez88.jira.com/wiki/download/attachments/35913734/symb_diamond.png?version=4&modificationDate=1390033966916&cacheVersion=1&api=v2https://cambridgez88.jira.com/wiki/download/attachments/1441813/symb_down.png?version=1&modificationDate=1322299516421&cacheVersion=1&api=v2 | Next 1st letter category |
| **https://cambridgez88.jira.com/wiki/download/attachments/35913734/shift-key.png?version=2&modificationDate=1389988769103&cacheVersion=1&api=v2https://cambridgez88.jira.com/wiki/download/attachments/1441813/symb_up.png?version=1&modificationDate=1322299567651&cacheVersion=1&api=v2** | Previous 2nd letter category | **https://cambridgez88.jira.com/wiki/download/attachments/35913734/shift-key.png?version=2&modificationDate=1389988769103&cacheVersion=1&api=v2https://cambridgez88.jira.com/wiki/download/attachments/1441813/symb_down.png?version=1&modificationDate=1322299516421&cacheVersion=1&api=v2** | Next 2nd letter category |
| **https://cambridgez88.jira.com/wiki/download/attachments/35913734/enter-key.png?version=2&modificationDate=1389988049272&cacheVersion=1&api=v2** | Select highlighted word | **https://cambridgez88.jira.com/wiki/download/attachments/35913734/esc-key.png?version=2&modificationDate=1389988501693&cacheVersion=1&api=v2** | Exit to correction menu |

First and second letter categories refer to the first and second letters of words. For example, whilst currently on a word starting with N, the next first letter category would be O. And whilst on a word beginning with AB, the next second letter category would be a word beginning with AC. Of course, not all combinations exist. The next second letter category after NA would not be NB in reality, since no words begin with NB, or NC, or ND, so NE would be selected.

The simplest way to move to a particular area in the dictionary is to type the first few letters of a word. Each letter moves successively deeper into the dictionary list. For example, pressing C will move to the first word beginning with C. Then pressing O will move to the first word beginning with CO

Using any of the cursor controls from the table above will move in the expected manner, but will clear the letters entered so far, enabling a completely new word to be sought. For example, having reached the first word beginning with CO, press then press **M**. Moving the cursor cleared the C and O previously entered, so instead of moving to the first word beginning with COM, it moves to the first letter beginning with M.

Selecting a word from the browse window by pressing  causes the unrecognised word (and any subsequent occurrences) to be replaced with the selected word.

WORDFINDER

WORDFINDER is a pop-down. It allows many of the facilities of Spell-Master to be accessed from within any application. Unfortunately, it is not possible to check text in WORDFINDER; the facilities are limited to dealing with individual words.

WORDFINDER makes it easy to browse through the dictionary, solve anagrams, guess the correct spelling of a word, and solve crossword clues. Note that WORDFINDER has no access to user dictionaries.

SELECTING THE WORDFINDER POP-DOWN

WORDFINDER can be selected from the INDEX application list in the usual way, or at any time by typing W. The menu window will immediately appear overlaid on the current display.

Use  and  to move the selection bar to the required option and press **** to SELECT. From any of the sub-options, press  to return to the option list. From the WORDFINDER option list, press  to exit back to the current application program.

****

BROWSE THROUGH DICTIONARY



This is the same browse window facility as provided in the QUICKEDIT correction menu. Initially the browse window will show the start of the dictionary. You can then move to the general area in which you are interested, using the same controls as in [QUICKEDIT](http://www.rakewell.com/z88/z88manual_m.shtml#browse_through_dictionary_sm) and summarised below. The simplest way to move to a particular area in the dictionary is to type the first few letters of the word which you are trying to find. Each letter moves successively deeper into the dictionary list.

SOLVE ANAGRAM



To use this option, type a series of letters in any order, then press ****. WORDFINDER searches through the dictionary and lists all single-word anagrams of the letters entered. Internally the process involves comparison of every combination of the letters entered with every word in the dictionary. Consequently it can take up to about thirty seconds to complete the list of solutions - depending upon the complexity of the letters entered. Pressing **** will terminate the search and return to the WORDFINDER menu prior to completion.

For example, entering "DETI" will list four solutions: DIET, EDIT, TIDE and TIED.



The letters entered must not include any special symbols or spaces, otherwise an error message "Bad character in word" will be displayed.

FIND CLOSE MATCHES



This is the same facility as the 'Guess correct word' option in the [QUICKEDIT](http://www.rakewell.com/z88/z88manual_m.shtml%22%20%5Cl%20%22guess_correct_word_sm) correction menu. Type the word for which you need the correct spelling, then press**-ENTER-**. WORDFINDER will search the dictionary and display a list of guesses. If there are more guesses than will fit in the window, you will be prompted to press the space bar to continue and display the remainder.

Guess word works on the assumption that the original word is very similar to the correct spelling. It operates with three rules, namely that there is one missing letter, or one incorrect letter, or two transposed letters (swapped). Thus, it would be able to use an original word "MORGAGE", in which one letter is missing, to find the correct spelling "MORTGAGE". It could take the word "OCCURRENCE", in which one letter is incorrect, to find the correct spelling "OCCURRENCE. And it could take the word "WRONG", in which two letters have been transposed, to find the correct spelling "WRONG".



Crossword solutions are words matching a basic clue in which one or more letters are missing. Whilst this searching facility can be used for solving real crossword clues, it has a more functional purpose as another form of guessing the correct spelling of a word.

The basic clue is entered with a hash symbol (#) representing each missing letter. Thus, entering the clue word "COMP#TER" would find the solution "COMPUTER" without much trouble. The more letters missing, the more possible solutions there will be. For example, "N##N" would find all fourletter words beginning and ending with N: "NEON", "NOON" and "NOUN".

So, if you were unsure as to whether "OCCURRENCE" was spelt with an E or an A, you could check it as a crossword clue by entering "OCCURR#NCE".

In real crossword puzzles, the number of letters and therefore the number of missing letters is always known. However, when trying to find the correct spelling for a word, the number of letters is frequently unknown. This is such a common situation in real examples that WORDFINDER provides a special facility.

Whilst # can be used to represent a single missing letter, an asterisk (\*) can be used to represent any number of missing letters. Thus, "O\*" would find all words beginning with O. This is unlikely to be much help, since there would be at least a few hundred possible solutions. In order to narrow the field, as many known letters as possible should be entered. For example, the clue "C\*WORD" would find all words which begin with C and end with WORD: "CATCHWORD" and "CROSSWORD".

A missing letter search can find the correct spelling of a word that cannot be found by the 'Guess word' option. As mentioned, 'Guess word' relies upon there being just one mistake. So whilst it can find "OCCURRENCE" given "OCCURRENCE" as a clue, it could not find it given "OCURANCE", which contains three mistakes. However, entering "OC\*NCE" as a crossword clue finds the single correct solution immediately.

Although rarely of use in spelling correction, the clue word entered for a crossword solution can contain any number of # and \* symbols (known as WILDCARD characters). For example, "A#R#C\*A#RA".

When there are more possible solutions to the clue than will fit in the window display, you will be prompted to press the space bar to continue with the next set. If the solution is very vague (a clue consisting of "\*" is the ultimate), you can press  in order to terminate the search and return to the WORDFINDER option menu.

USER DICTIONARIES

The important information relating to user dictionaries has already been covered at relevant points in the manual. This section brings together the information to one central point for easy reference.

CREATING A USER DICTIONARY

When you select "Add word to user dictionary" from the QUICKEDIT correction menu, a user dictionary is automatically created in memory if no user dictionary has been loaded.

SAVING OR LOADING A USER DICTIONARY

Two commands in the files menu exist for saving and loading a user dictionary. Save user dictionary may be accessed with FUS. Load user dictionary may be accessed with FUL.

EDITING A USER DICTIONARY

Assuming that the user dictionary has been saved (using FUS), it can be loaded into QUICKEDIT or PipeDream and edited as necessary. It is important to ensure that each word is separated from the next by ENTER, therefore showing each word on a line of its own.

After editing text in QUICKEDIT, save it in the usual way (FS), NOT with the save user dictionary command (FUS).

After editing in PipeDream save it and set the 'Save as plain text' option to 'Yes'.

Remember to re-load the edited user dictionary when you want to use it, otherwise the old version (if any) will still be in use.

Note that tI will show the filename of the user dictionary in use, if it has been loaded or saved.

MERGING USER DICTIONARIES

In order to merge two user dictionaries follow the procedure below: -

1 Load the first into QUICKEDIT with the 'Load text' command (FL)
2 Move the cursor beyond the last word ()
3 Press  to start a new line

4 Use the 'Merge text at cursor' command (FM) to append the second user dictionary file.
5 Save the combined user dictionary with the 'Save text' command (FS)