



CorrectStar™ Training Guide and Reference Manual for CorrectStar Release 3.3

Copyright © 1983, 1984
MicroPro International Corporation
33 San Pablo Avenue
San Rafael, California 94903 USA

COPYRIGHT NOTICES

Copyright © 1983, 1984 by MicroPro International Corporation. All Rights Reserved Worldwide. This publication has been provided pursuant to an agreement containing restrictions on its use. The publication also is protected by federal copyright law. No part of this publication may be copied or distributed, transmitted, transcribed, stored in a retrieval system, or translated into any human or computer language, in any form or by any means, electronic, mechanical, magnetic, manual, or otherwise, or disclosed to third parties without the express written permission of MicroPro International Corporation, 33 San Pablo Avenue, San Rafael, California 94903 U.S.A.

Spelling System © Copyright 1983, 1981, Houghton Mifflin Company. Based upon the American Heritage Dictionary. All rights strictly reserved. Contains confidential material property of Houghton Mifflin, licensed for use solely in MicroPro software. Reproduction, disclosure, or recreation of embodied computer programs or algorithms prohibited.

TRADEMARKS

MicroPro, WordStar, MailMerge, and SpellStar are registered trademarks of MicroPro International Corporation. CorrectStar is a trademark of MicroPro International Corporation.

DISCLAIMER

MicroPro International Corporation makes no representation or warranties with respect to the contents of this document and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. Further, MicroPro International Corporation reserves the right to revise this publication and to make changes in it from time to time without obligation of MicroPro International Corporation to notify any person or organization of such revision or changes.

All screen illustrations in this manual are meant to be representative, not exact duplicates of those that appear on your monitor.

TABLE OF CONTENTS

CORRECTSTAR Spelling Checker and Corrector

1. Welcome to CorrectStar.....	1-1
2. Getting Started.....	2-1
A Guide to This Manual.....	2-1
Symbols Used in This Manual.....	2-1
What You Have.....	2-2
What You Need.....	2-2
3. CorrectStar Training Guide.....	3-1
Setting Up.....	3-1
Bailing Out.....	3-2
CorrectStar in Action.....	3-3
Checking the Personal Dictionary.....	3-4
Auto Reform.....	3-4
Soft Hyphen Insertion.....	3-5
Correcting a Misspelled Word.....	3-9
Global Replacement.....	3-10
Enter from Keyboard.....	3-11
Next and Previous Suggestions.....	3-12
Bypass and Ignore.....	3-15
Adding to Your Personal Dictionary.....	3-15
Finishing Up.....	3-18
Next Time.....	3-19
4. CorrectStar Reference Manual.....	4-1
Dictionaries	
Main Dictionary.....	4-1
Internal Dictionary.....	4-1
Personal Dictionary.....	4-2
Changing Drives and Dictionaries.....	4-5
Functions and Features	
Auto Reform.....	4-6
Soft Hyphen Insertion.....	4-7
Local Functions.....	4-10
Global Functions.....	4-11
Bypass and Ignore.....	4-14
Word Count Utility.....	4-14

Ending the Spelling Check
Abrupt End of Spelling Check..... 4-16
Normal End of Spelling Check.....4-17

5. Installation Manual..... 5-1

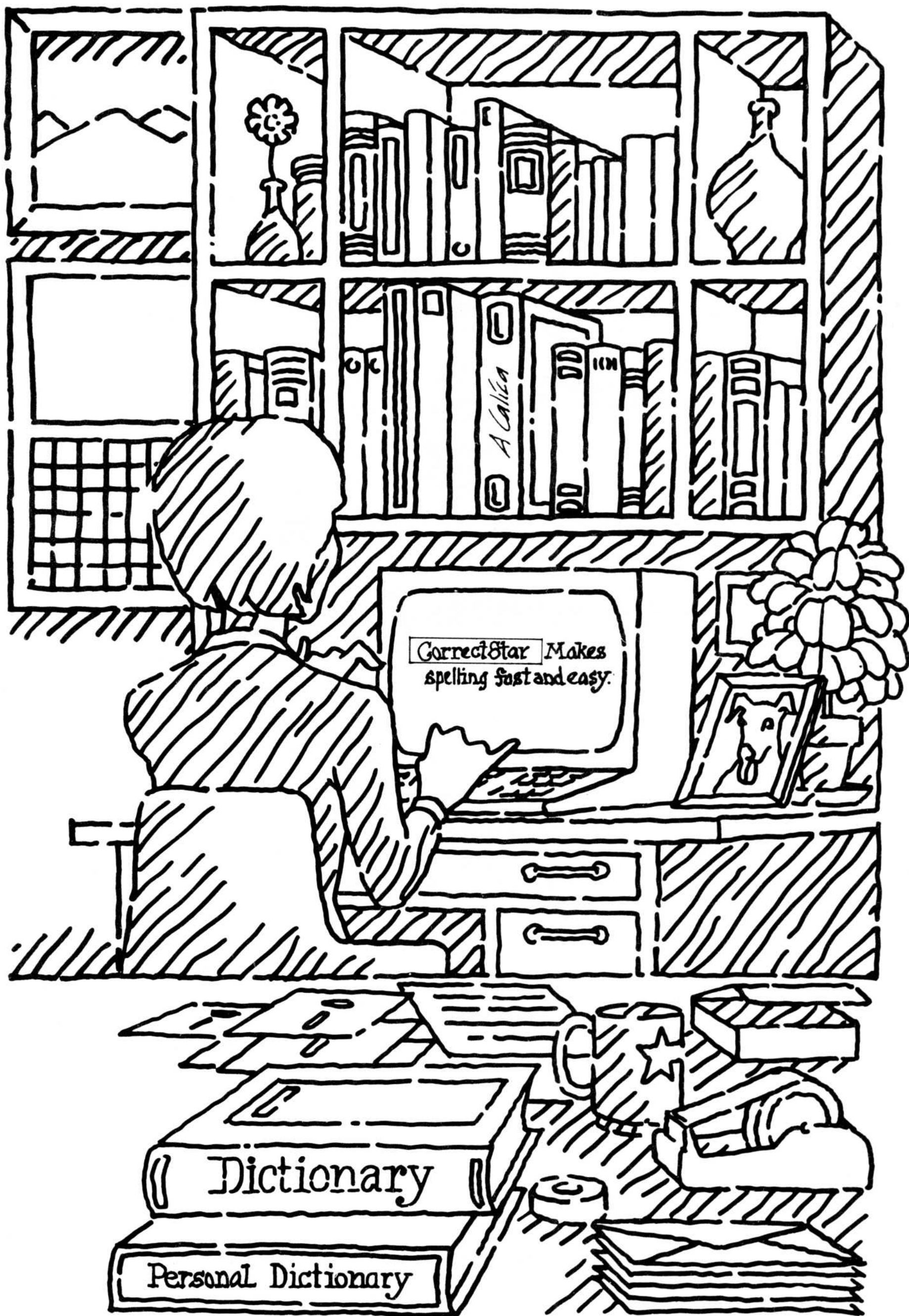
6. Appendices..... A-1

A. Program Specifications Sheet..... A-1
B. CorrectStar and Small Capacity Disks..... B-1
C. CorrectStar Error Messages..... C-1

7. Quick Guide..... Q-1

8. Index..... I-1

CorrectStarTM
Training Guide
and
Reference Manual
for CorrectStar Release 3.3



1. Welcome to CorrectStar

Congratulations! Remember how much easier your work became when you first discovered word processing? CorrectStar is about to make it even easier. Think how much time you have spent over the years painstakingly proofreading your writing for misspelled words and typographical errors...not to mention editing and rewriting whole pages because of a single mistake. Thanks to CorrectStar, typos and misspellings are a thing of the past, along with the embarrassment and wasted time.

CorrectStar is designed to be the fastest and most comprehensive spelling checker and corrector ever developed. It works as a valuable addition to your WordStar word processing program. After you finish creating your document, CorrectStar proofreads your copy and checks it against its Main Dictionary list of over 65,000 words drawn from the American Heritage Dictionary published by Houghton Mifflin Company. This list includes 99% of the most commonly used words in the English language.

CorrectStar places each questionable word in a prominent box at the top of the screen and puts a suggested correct spelling directly below it. If you don't like CorrectStar's suggestion, a single key brings up another suggested correction. And another. You can pick one of the suggested words or enter your own spelling from the keyboard. If you agree with CorrectStar's selection, a single keystroke corrects the misspelling, not only at that point but (if you choose) everywhere throughout the text. Try that with your next novel and see if it isn't handy!

CorrectStar's most revolutionary feature is the way it examines each of the suspected misspellings *phonetically* as it looks for possible replacements. This makes otherwise impossible constructions recognizable to the program.

Finally, CorrectStar makes your work easier the more you use it. Most of the words it considers misspelled when it first encounters them are, in fact, proper names or specialized terms you may use frequently in your business. CorrectStar allows you to create Personal Dictionaries in which to store names and unusual terms. Each time CorrectStar encounters a new word, you have the option of adding it to your Personal Dictionary. Thereafter, the only time CorrectStar questions you about it again is when you try to *misspell* it.

Now let's take a closer look at CorrectStar and then take it for a test drive...

2. Getting Started

A GUIDE TO THIS MANUAL

**IF YOU ARE
A BEGINNER**

Take a little time to read the Training Guide and run through the tutorial. It escorts you through CorrectStar using the sample text that comes with the program disk.

Then you can read through the Reference Manual or just start using your new CorrectStar program to ease your daily work load.

**IF YOU ARE
MORE ADVANCED**

If you are already familiar with WordStar and earlier spelling programs, you may want to just browse through the tutorial, looking up unfamiliar commands in the Reference Manual as you go.

CorrectStar is designed to be as convenient and simple to use as possible. The screens are largely self-explanatory. If you attempt to enter incorrect commands, CorrectStar either ignores them or guides you with onscreen explanations.

SYMBOLS USED IN THIS MANUAL



REMEMBER



The ESCAPE key



The RETURN key

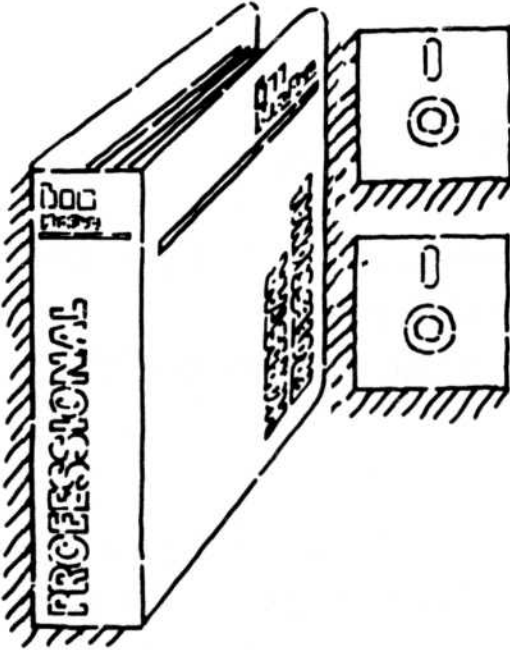


The CONTROL key



CAUTION

WHAT YOU HAVE



Your CorrectStar spelling checker and corrector includes three items:

- This Manual
- A CorrectStar Program Disk
- A CorrectStar Dictionary Disk

The program disk contains all the information necessary to install and run CorrectStar. The dictionary disk contains over 65,000 words from the Houghton Mifflin American Heritage Dictionary, as well as room for your Personal Dictionary.

WHAT YOU NEED

CorrectStar performs only in conjunction with MicroPro's **WordStar** version 3.3 word processing program. You need a WordStar disk with the following four files:

- WS.COM
- WSMSG.S.OVR
- WSOVLY1.OVR
- CORRSTAR.OVR

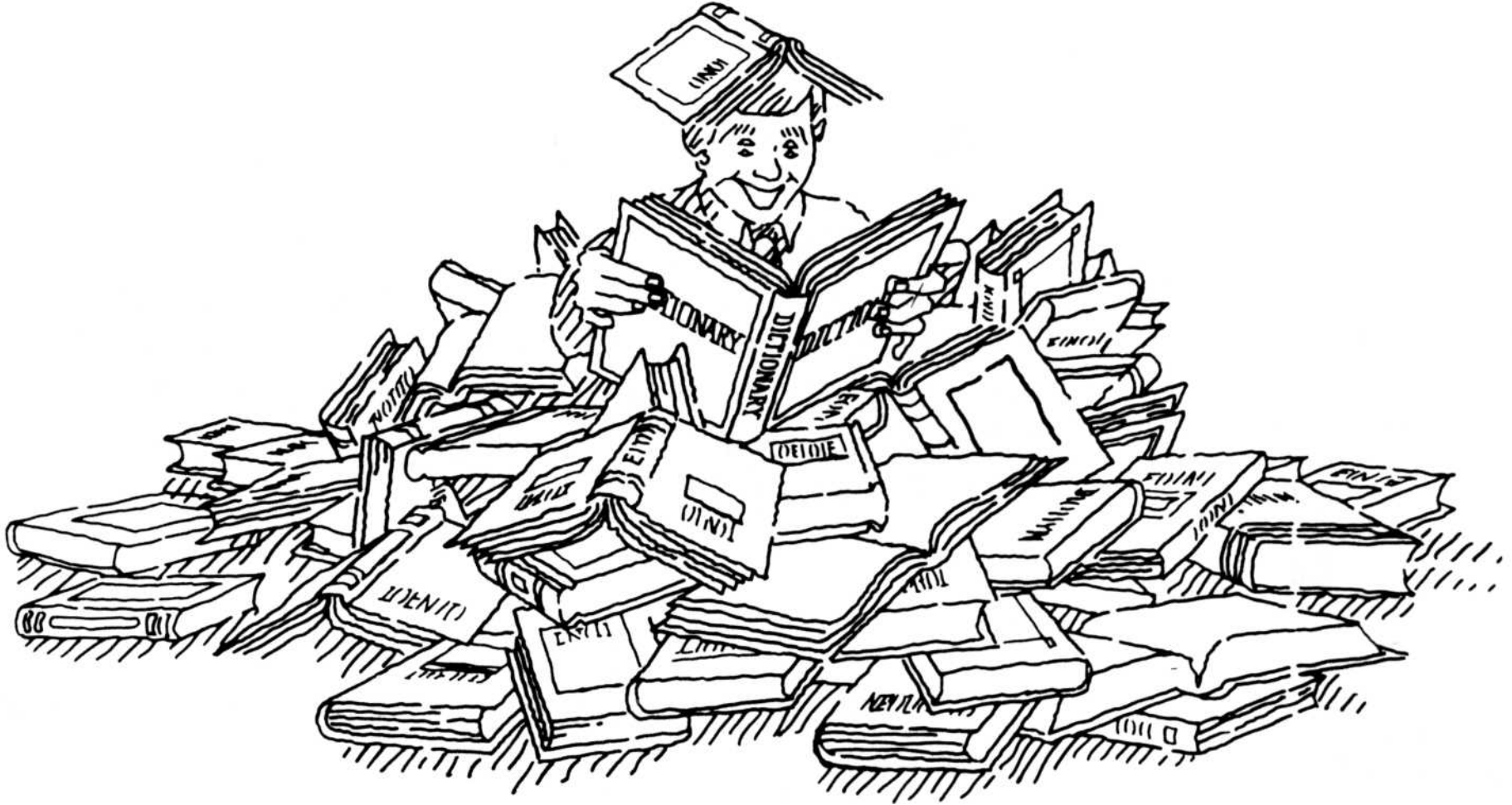
A 65,000-word dictionary takes up a bit of room. CorrectStar requires a system with at least 192K bytes of internal memory and capable of running two floppy disks with a minimum of 320K bytes each. Or a hard disk system.

If you have a dual disk system, you need three disks:

- Your WordStar/CorrectStar Program Disk
- Your CorrectStar Dictionary Disk
- Your work disk, with the text you are editing

Some disk swapping is required briefly. But don't worry, it's easy. There's a guided tour in a moment that explains all.

3. CorrectStar Training Guide



TUTORIAL

CorrectStar comes with a short sample text on the program disk. Use that file—known as **SAMPLE.TXT**—to become familiar with CorrectStar.

SETTING UP



If you have not already installed CorrectStar in your system, turn to the Installation Manual (Chapter 5) and follow the procedures detailed there. CorrectStar *must* be installed for *your* system.

IF YOU ARE USING A DUAL FLOPPY DISK SYSTEM

We will assume that you normally work with WordStar in Drive A and your working disk in Drive B. Since the file you edit in this lesson is on the CorrectStar program disk, you should copy it onto a blank work disk in drive B. Leave this disk in Drive B during the tutorial.

The procedures in the following pages are for a dual floppy disk system. If you are using a hard disk simply ignore the disk changing procedures and tailor the drive and directory instructions to your own machine.

BAILING OUT



At some point in this lesson you may be interrupted and have to end the session and return later. Or, you may get confused, press the wrong keys, and want to start the program over. In either case, just enter the following commands to restart or return when it's more convenient:



PRESS **^U** to cancel the spelling check at any point



PRESS **ESCape** to return to WordStar



If you are using a dual floppy disk system, you *must* reinsert your WordStar disk in drive **A** *before* pressing **ESCape**.

You are now back in the WordStar "edit mode."
You have one more choice to make:



PRESS **^QL** to return to CorrectStar and resume the spelling check from the beginning.



PRESS **^L** to return to CorrectStar and resume the spelling check from the current cursor position.



PRESS **^KQ** to abandon your corrections, leave your original file unchanged, and return to the WordStar Opening Menu.

CORRECTSTAR IN ACTION

Start your system as you normally do and then start your WordStar program. CorrectStar works as the spelling option from WordStar.

At this point you should see the WordStar Opening Menu:

not editing

<<< OPENING MENU >>>

---Preliminary Commands---	--File Commands--	-System Commands-
L Change logged disk drive	P PRINT a file	R Run a program
F File directory now OFF		X EXIT to system
H Set help level		
---Commands to open a file---	E RENAME a file	-WordStar Options-
D Open a document file	O COPY a file	M Run MailMerge
N Open a non-document file	Y DELETE a file	S Run CorrectStar

STEP 1 TYPE S (to start CorrectStar)

SEE the File Selection Screen:

s not editing

To begin spelling check, enter name of file to be checked
To review last file edited, type ^R

^S=delete character

^Y=delete entry

^F=file directory

^D=restore character

^R=restore entry

^U=cancel command

NAME OF FILE TO CHECK?____

directory of disk A:

CorrectStar is asking for the name of the file you wish to proofread and correct. If you make a mistake or change your mind, use one of the six commands that appear on the screen just above where you are typing.

NOTE: You will not see the first two explanatory lines or the editing commands if you have your WordStar Help Level set at 1 or 0.

OK so far?

STEP 2 TYPE **b:sample.txt**

RETURN

SEE the Introductory Screen

CorrectStar Release 3.3 I.D. #263342Q4-001
Copyright (c) 1983, 1984, MicroPro International Corporation.
All Rights Reserved

(c) Copyright 1983, 1981, Houghton Mifflin Company.
Based upon The American Heritage Dictionary.

Please check your CorrectStar options

<ESC>=start spelling check ^S=delete character ^Y=delete entry
^U=cancel spelling check ^D=restore character ^R=restore entry

Document: B:SAMPLE.TXT

Personal Dictionary:

A:PERSONAL.DCT

<RET> or new entry

CorrectStar now allows you to do some housekeeping before starting the actual spelling check. The document you are about to work on, SAMPLE.TXT, is on drive B. Your Personal Dictionary is PERSONAL.DCT. It is on drive A. If you wish to change either its name or location, do so now by typing in new values. Otherwise:

STEP 3 PRESS

RETURN

SEE the following lines appear

Auto Reform (Y/N):

Y

<RET> or new entry

Another feature, another decision: Do you want the Auto Reform feature on or off while you are working? If it's on, CorrectStar enters all the corrections you make into the text and aligns the right margins automatically. Most of the time you will probably want Auto Reform on. But if your text has columns of proper names Auto Reform will misalign them, so you want it off. You also want Auto

Reform off if your text has the “ragged right” edge of typewritten material. However, in this example you want Auto Reform on.

STEP 4 PRESS  Auto reform is now on.

SEE a final choice appear

Soft Hyphen Insertion (Y/N):
N **<RET> or new entry**

One final choice: Unless you turn off the Auto-reform feature, CorrectStar automatically reforms your text when it replaces misspelled words. Sometimes the new words are longer than the old ones. If they happen to fall at the end of a line, they may need to be split between that line and the next one. Soft hyphens make this possible.

Soft hyphens are hyphens that appear on your screen but print only when one appears at the end of a line. Unlike WordStar, which inserts a soft hyphen only when and where it splits a word, CorrectStar inserts a hyphen between each syllable of a replaced word. This way should you ever need to reform your text again—either with CorrectStar or WordStar—the hyphens are already present and the words will split automatically.

CorrectStar does not insert soft hyphens unless you turn on Soft Hyphen Insertion either at installation time or from this Options Menu. The only disadvantage to Soft Hyphen Insertion is aesthetic; since many people find so many hyphens distracting, the feature is normally set to OFF at installation time. If you decide you like Soft Hyphen Insertion after becoming familiar with it you can go back and reinstall CorrectStar, turning the feature ON.

For now let's assume you want it on:

STEP 5 TYPE Y  Soft Hyphen Insertion is now ON.

All your housekeeping is now complete, and it is time to put CorrectStar to work.

STEP 6 PRESS 

Now you get to listen to your machine click and whir as CorrectStar starts loading its dictionaries into the work area:

Document: A.SAMPLE.TXT

Personal Dictionary:

A:PERSONAL.DCT

Auto Reform (Y/N):

Y

Soft Hyphen Insertion (Y/N):

Y

<RET> - to begin:

Please wait...loading internal dictionary

The Internal Dictionary is a 9000-word dictionary that CorrectStar holds in its internal (in-ram) memory during the spelling check. The Internal Dictionary contains about 89% of the words found in an average document. Since CorrectStar checks here first when searching for a word, the Internal Dictionary contributes greatly to CorrectStar's speed by eliminating the need for a disk search most of the time.

There is one possible blooper here. If you told CorrectStar that a dictionary is somewhere that it isn't—or if you specified a file that doesn't exist—CorrectStar alerts you (for example):

INTERNAL.DCT not found—Please try again.

CorrectStar again asks you for the proper name and location of the Internal Dictionary. Correct the displayed information as appropriate.



When the previous screen appeared it said **<ESC> to start spelling check**. You could have pressed the **ESCape** key right away and by-passed steps 3-6. In the future press **ESCape** to routinely start the spelling check unless you need to change something on the Options Menu. If you find yourself continually changing any of the default options, go back and reinstall CorrectStar more to your liking.

If all goes well the following screen will appear briefly:

```
WAIT
CorrectStar - Spelling Checker and Corrector

[Loading personal dictionary]

now starting spelling check...
```



If you are using a dual floppy disk system, remove the WordStar disk from drive A and replace it with your dictionary disk. If you forget to do this, CorrectStar will remind you to change disks:

Load dictionary diskette. Press ESCAPE key.

If prompted, change disks and press **ESCape**.

Once CorrectStar has checked the dictionaries it begins checking *your* work.

SEE The message *Loading personal dictionary* become *[Checking document]*.

CorrectStar is checking the first probable misspelling and searching the dictionaries for suggested corrections. Now things begin to happen:

```
B:SAMPLE.TXT  PAGE 1  LINE 1  COL 11      INSERT ON
CorrectStar-Spelling Checker and Corrector

Suspect word: rathr
searching...

What would you like to do?:_____

E - Enter correction from keyboard
A - Add word to personal dictionary
B - Bypass word this time
I - Ignore word throughout document

^U - Interrupt spelling check
L----!----!----!----!----!----!----!----!----!----!-----R
I have a rathr garrulus chaufer. While he rarely leaves me
lacking for conversation, he occasionally leaves me speech-
less.

The other day my garrulus friend managed to run a red light
which had the misfortune, quite by accident, to occur in the
middle of a sentence. We were immediately pulled over by an
afishl representative of the law. The officer inquired why my
chaufer did not akseed to the stop light in the first place.
```

Once CorrectStar finds a suspected misspelling it marks the word in the text (shown below the ruler line) and displays it at the top of your screen as the **Suspect word**.

The preceding screen appears briefly while CorrectStar searches for a replacement word in the dictionary. In the meantime you can:

- Enter a correction from the keyboard
- Add the suspect word to your Personal Dictionary
- Bypass the word for now
- Ignore the word whenever it reappears in your text

For now, just wait a second or two until CorrectStar finds a possible replacement for **rathr**:

B:SAMPLE.TXT PAGE 1 LINE 1 COL 11 INSERT ON
CorrectStar-Spelling Checker and Corrector

Suspect word: rather
Suggestion: **rather**


What would you like to do?:_____

C - Correct as suggested	E - Enter correction from keyboard
G - Correct Globally	A - Add word to personal dictionary
N - Show next suggestion	B - Bypass word this time
P - Show previous suggestion	I - Ignore word throughout document

```
<RET> - Correct as suggested      ^U - Interrupt spelling check
L----!----!----!----!----!----!----!----!----!----!----!-----R
I have a rathr garrulus chaufer. While he rarely leaves me
lacking for conversation, he occasionally leaves me speech-
less.
```

The other day my garrulous friend managed to run a red light which had the misfortune, quite by accident, to occur in the middle of a sentence. We were immediately pulled over by an afishl representative of the law. The officer inquired why my chauffer did not akseed to the stop light in the first place.

CorrectStar doesn't like the way **rathr** is spelled. Its suggested correction looks a lot better. Replace **rathr** with **rather**:

STEP 7 TYPE C or PRESS  (for Correct as suggested)

CorrectStar immediately replaces the incorrect spelling with the corrected one at the indicated location, at the same time rejustifying the right margin. It then goes on to the next possible misspelling.

SEE the next misspelled word appear

B:SAMPLE.TXT PAGE 1 LINE 1 COL 18 INSERT ON
CorrectStar-Spelling Checker and Corrector

Suspect word: garrulus
Suggestion: **garrulous**

What would you like to do?:____

Again CorrectStar got it right the first time.

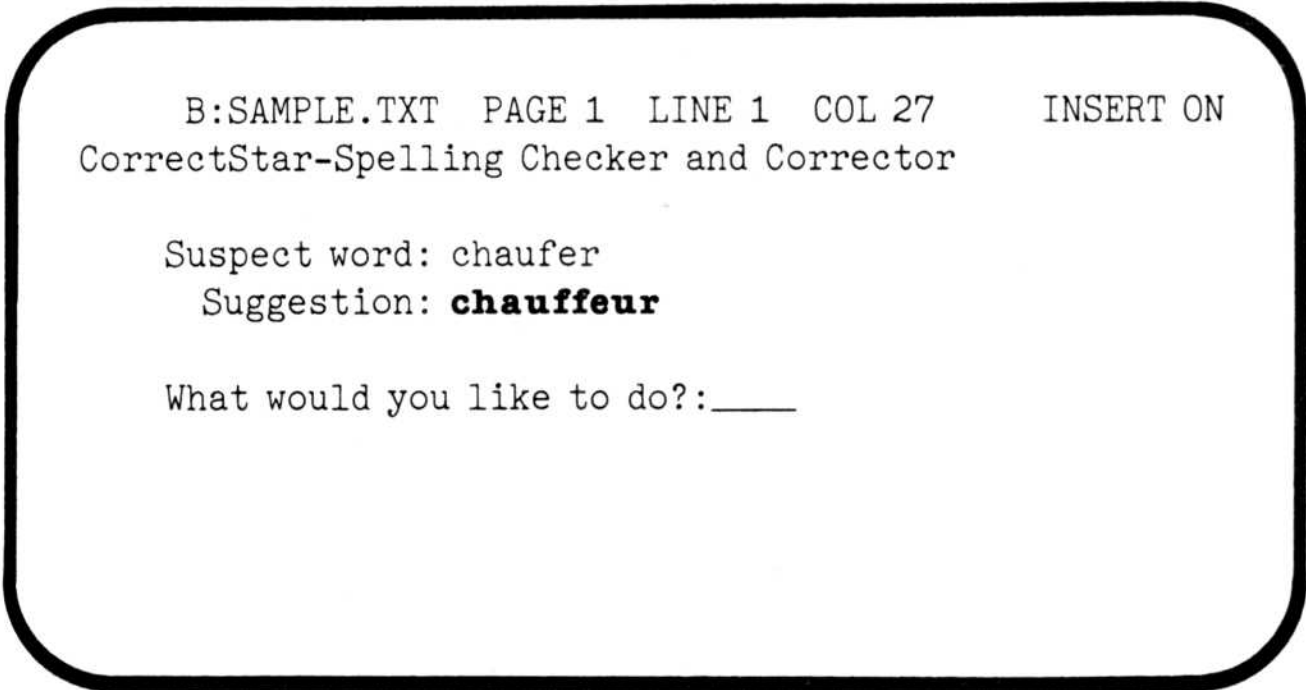


Now you have a choice to make. Whenever you correct a misspelled word CorrectStar offers you the choice of replacing it just once—if you think your mistake was a fluke, or the word is a one-time occurrence—or of replacing it “globally,” that is, throughout your document. This time, choose **Global replacement**:

STEP 8 TYPE **G** (for Global replacement)

Garrulus will now be corrected automatically every time it appears throughout your text. Don't be alarmed that **garrulus** is not yet corrected in the first line of paragraph two. CorrectStar will correct it promptly just as soon as we progress to that paragraph.

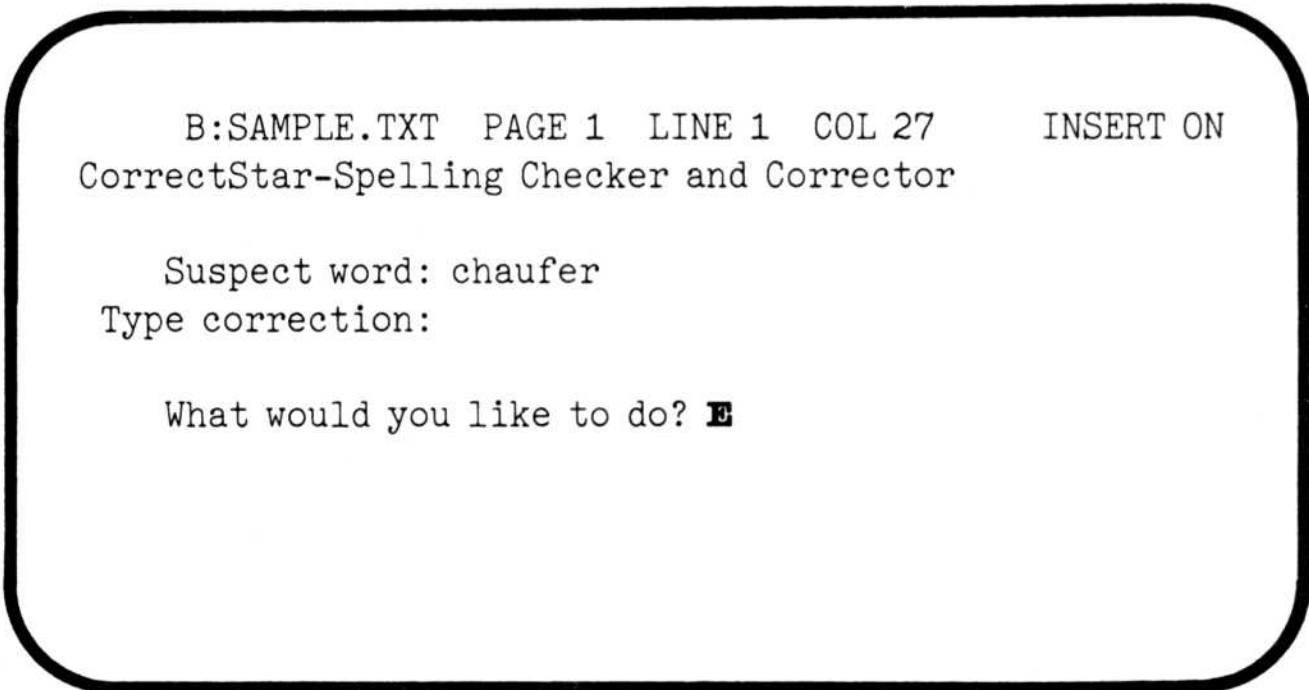
Now another word:



Once again, CorrectStar got it right the first time out. But what if this weren't true? Suppose you had some exotic word that CorrectStar couldn't decipher. Let's ignore the suggested replacement word and type in your own correction.

STEP 9 TYPE E (to Enter a correction from the keyboard)

SEE the following screen



You may now type in your own suggested spelling. But suppose the word you enter is itself misspelled. It wouldn't do to be able to slip one past CorrectStar. Just for fun, try misspelling the new word.

STEP 10 TYPE **showfer**



SEE the following screen

B:SAMPLE.TXT PAGE 1 LINE 1 COL 27 INSERT ON
CorrectStar-Spelling Checker and Corrector

Suspect word: showfer

Suggestion: **shower**

What would you like to do?:_____ Entered word not found

This time CorrectStar chose a replacement that is clearly not the correct one in this context. Let's look a little further through the dictionary.

STEP 11 TYPE **N** (for the Next suggestion)

SEE **shofar**

Yes, there *is* such a thing as a **shofar**—it's an instrument made from a ram's horn.

STEP 12 TYPE **N**

SEE **chauffeur**

This is correct, of course, but let's just be difficult and see what else CorrectStar can find.

STEP 13 TYPE **N**

SEE **suffer**

Not bad, but why stop when you're on a roll?

STEP 14 TYPE N

SEE No more suggestions

Well, we really wanted **chauffeur** anyway. This was one Suggestion back.

STEP 15 TYPE P (for the Previous suggestion)

SEE **chauffeur** again

STEP 16 TYPE G

SEE **chauffeur** corrected throughout your text

Once again—but this is one of CorrectStar's starring roles:

B:SAMPLE.TXT PAGE 1 LINE 8 COL 01 INSERT ON
CorrectStar-Spelling Checker and Corrector

Suspect word: afishl
Suggestion: **official**

What would you like to do?:____

CorrectStar's most revolutionary feature is the way it examines each of the suspected misspellings *phonetically* as it looks for possible replacements. This lets CorrectStar recognize otherwise impossible constructions like **showfer** and **afishl**.

Let's take CorrectStar up on its suggestion:

STEP 17 TYPE C

SEE the following screen

B:SAMPLE.TXT PAGE 1 LINE 9 COL 24 INSERT ON
CorrectStar-Spelling Checker and Corrector

Suspect word: akseed

Suggestion: **exceed**

What would you like to do?:____

Nice try, but not what we want in this case.

STEP 18 TYPE N

SEE **oxide**

STEP 19 TYPE N

SEE **accede**

That's the word we want. Replace globally:

STEP 20 TYPE G

SEE **accede** replace **akseed**

B:SAMPLE.TXT PAGE 1 LINE 14 COL 26 INSERT ON
CorrectStar-Spelling Checker and Corrector

Suspect word: hometown

No correction found

What would you like to do?:____

This time CorrectStar was unable to identify **hometown**. Before deciding what to do, let's take a look at those functions you have yet to use:



The **Bypass** command tells CorrectStar to skip over the word at this point but to stop if it comes upon the same spelling again.

You may want to Bypass a word if you know the spelling is correct (a proper name or a very unusual word, for example) but the word will not recur frequently enough to merit putting it in your Personal Dictionary.



The **Ignore** command tells CorrectStar to skip over the word not only here but throughout the remainder of the document.

If you have a word that is unusual, that occurs repeatedly throughout your text, and yet is not one that you want to add to your Personal Dictionary, use the Ignore function.



Often you will want to **Add** a new word to your Personal Dictionary. The **A** key allows you to do that.

You can add up to 1500 words to your Personal Dictionary; you can also create multiple Personal Dictionaries (see page 4-3 for details). As you add words to your Personal Dictionary, CorrectStar will question you less and less frequently. The more you use CorrectStar the more useful it becomes. Since you'll use **hometown** again,

STEP 21 TYPE **A**

Hometown is now added to your Personal Dictionary.

B:SAMPLE.TXT PAGE 1 LINE 16 COL 01

CorrectStar-Spelling Checker and Corrector

INSERT ON

Suspect word: fateeg

Suggestion: **fatigue**

What would you like to do?:_____

STEP 22 TYPE G

SEE **fatigue** spelled correctly both here
and hereafter.

B:SAMPLE.TXT PAGE 1 LINE 17 COL 47

CorrectStar-Spelling Checker and Corrector

INSERT ON

Suspect word: egstinkt

Suggestion: **extinct**

What would you like to do?:_____

STEP 23 TYPE G

SEE **extinct** corrected globally

B:SAMPLE.TXT PAGE 1 LINE 19 COL 17

CorrectStar-Spelling Checker and Corrector

INSERT ON

Suspect word: newfound

No correction found

What would you like to do?:_____

STEP 24 TYPE A

Newfound is added to your Personal Dictionary.

That's it for the spelling check.

Looking back at your screen you see:

```
B:SAMPLE.TXT PAGE 1 LINE 23 COL 01 INSERT ON

End of spelling check - Number of words checked: 180
                        Number of words corrected: 12
[Replace WordStar disk if necessary]

***Press ESCAPE key for WordStar edit mode
[ ^QL will then restart spelling check if desired]
L-----!-----!-----!-----!-----!-----!-----!-----!-----!-----R
My chauf-feur did not ac-cede to the stop sign in the first
place. My friend replied that he thought it an odd place for
a stop sign, and hadn't seen it.

My chauf-feur noticed the officer's accent and inquired if
they might have the same hometown. When it turned out that
they did, a twenty minute conversation ensued. It began to
fa-tigue me after awhile, but I just kept looking at the still
blank ticket book and kept quiet like some ex-tinct, mute ape.

Finally the two newfound friends said farewell, and my chauf-
feur drove off. I looked back in time to see the officer
staring at his ticket book. He had forgotten to fill it out.
```

Above the “ruler line” is some final information for your benefit. Below the ruler line are the last several lines of your corrected text.



If you earlier replaced your WordStar disk with the CorrectStar disk, now is the time to reinsert the WordStar disk in drive A. You have to make this swap, since CorrectStar drops you back into the WordStar “edit mode” once you press the **ESCape** key.

STEP 25 PRESS



You are now back in the WordStar edit mode with your corrected text in the work space below the ruler line.

It's important to realize that the work you have just done, while corrected and reformed, exists only in the computer's working memory and is not yet saved on disk.

Since you are back in WordStar, you can move your text around and examine it to see if it still looks OK to you. You usually won't need to do this, and you certainly don't in this case.

FINISHING UP

In case you aren't too familiar with WordStar, there are a few different routes you can take at this juncture:



^QL exits WordStar and restarts the spelling check.



^KD saves your corrections by replacing the old SAMPLE.TXT file with the corrected one and then returns you to the WordStar Opening Menu.

Once you exit CorrectStar, **^KD** is your usual route back to WordStar's Opening Menu.



^KQ abandons your corrections, leaves your original file unchanged, and returns you to the WordStar Opening Menu.

STEP 26 TYPE **^KQ**

SEE *ABANDON EDITED VERSION
OF FILE A:SAMPLE.TXT ?
(Y/N):*

TYPE **Y**

You have just saved the original, unexpurgated SAMPLE.TXT file for the benefit of future CorrectStar users.

NEXT TIME

We hope you find CorrectStar to be simple, straightforward, even *fun* to use. The more you use it, the faster it gets. Now take off on your own. Use CorrectStar to proof the next letter you type—or, if you're daring, the *last one* you typed.

If you get confused during a session, you can always look up prompts or commands in the Reference section that follows. Check the Quick Reference foldout chart at the back of the book for a refresher on the various routes through CorrectStar.

MicroPro is confident that CorrectStar will make your work faster and more enjoyable. What you do with all that extra time is up to you!

4. CorrectStar Reference Manual



MAIN DICTIONARY

Your Main Dictionary is drawn from the best-selling American Heritage Dictionary, published by the Houghton Mifflin Company. The Main Dictionary contains over 65,000 words—an estimated 99% of the most commonly used words in the English language.

The dictionary itself resides on the Dictionary Disk, where it takes up about 304K bytes of disk space. The Main Dictionary cannot be altered from either WordStar or CorrectStar.

INTERNAL DICTIONARY

The Internal Dictionary contains 9000 of the most common words in the English language—about 89% of the words in an average document.

The Internal Dictionary is loaded into the computer's internal ("in-ram") memory when you first start to run CorrectStar. When CorrectStar searches your text for misspellings, it goes to this dictionary first before looking through the Main Dictionary. Most of the time it will find what it wants instantly without having to do a disk search. This step contributes greatly to the speed that characterizes CorrectStar.

The Internal Dictionary takes up about 35K bytes of disk space. You can store it anywhere you want in your system other than on the dictionary disk, which is taken up entirely by the Main and Personal Dictionaries. Just tell CorrectStar where the Internal Dictionary will be when you first install the program. If you change the Dictionary's location you should reinstall the whole program, indicating the new location; otherwise you will have to type it in each time you run CorrectStar.

PERSONAL DICTIONARY



CorrectStar allows you to create Personal Dictionaries in which to store names and words commonly used in your business but not found in the Main Dictionary. These might include proper names, legal or medical terms, etc.



Type **A** when CorrectStar fails to recognize a word that you know to be correct, and that you think you will probably be using again with some frequency.

Once you have added a new word to your Personal Dictionary, CorrectStar won't question you again when you use this word in the future.

The Personal Dictionary is the only dictionary that you can alter. You can add words to it from within CorrectStar. Since the Personal Dictionary is a text file you can also edit it from WordStar and add or delete words directly. Don't feel timid about adding words. The size of the Personal Dictionary won't detract from CorrectStar's performance, it will add to its efficiency.

CorrectStar normally will accommodate one Personal Dictionary of up to 1500 words—around 18K bytes of disk space. It is stored on the same disk with the Main Dictionary, and the two occupy all the available space on a 320K byte floppy disk.

CREATING MULTIPLE PERSONAL DICTIONARIES

CorrectStar will allow you to create multiple Personal Dictionaries. The only difficulty is finding the room on which to store them on the dictionary disk. You can create several small separate Personal Dictionaries on the dictionary disk as long as their combined length doesn't exceed the disk size. Give each dictionary a different name and call for it by name from the Options Menu.

If you need to maintain longer Personal Dictionaries, first make multiple copies of your Dictionary disk. CorrectStar will automatically create a separate Personal Dictionary on each disk if one does not already exist. This will allow you to have the largest possible Personal Dictionaries. They should each be named PERSONAL.DCT so that you won't have to deal with the Options Menu each time. Label the disks carefully to reflect the differences between the dictionaries.

WHAT IF YOUR DICTIONARY FILLS UP?

The first limitation that you may encounter is the Personal Dictionary's need for 8K bytes of RAM. This limits a Personal Dictionary to 1500 words (32-character maximum length per word).

The next limitation is disk space. A dual 320K byte floppy disk system allows one Personal Dictionary of about 1000 words, depending on word length. On larger disks there is room on the dictionary disk for 2 or more Personal Dictionaries (with different names) of 1500 words each.



If you are using a hard disk system you can create 1500-word Personal Dictionaries up to the limits imposed by your system.

There are different indications when your dictionary disk fills up:

1. **From the Options Menu:** If you call up CorrectStar and press **ESCape**, the following message appears:

**Can't add more words to Personal Dictionary
*** Press ESCAPE**

2. **From the Operating Menu:** Once you press **ESCape** you can still run CorrectStar. However, if you attempt to add words to your dictionary, you will be reminded of your error:

**Can't add more words to Personal Dictionary
*** Press ESCAPE key.**

Your attempt to add a word to the dictionary will be ignored, thus preventing an overloaded disk.

If you do fill up your Personal Dictionary you can do one of two things:

1. Split up your Personal Dictionary into smaller dictionaries placed on different copies of your dictionary disk. This may require editing the Personal Dictionary so that different versions are functionally different (personal terms, medical/legal terms, etc.).

NOTE: If you anticipate having functionally different Personal Dictionaries, it would be better to start off creating them in this manner.

2. Edit the Personal Dictionary with Wordstar to remove words and names that are no longer relevant to your work.

CHANGING DRIVES AND DICTIONARIES

Once you have called up CorrectStar from WordStar and told it which file you wish to check, you can then either press **ESCape** and jump right into the spelling check, or you can press **RETURN** and double-check your options. You will probably take this longer route only if you want to change something. Here is what you can change from the Options Menu and how to change it:

What You Can Change

- The name of your Personal Dictionary
- Its location (including the directory path)
- Auto Reform on/off
- Soft Hyphen Insertion on/off

How To Make The Change

- Type your new entry over the old one

What You Can't Change

- The Main Dictionary name and path
- The Internal Dictionary name and path
- The document name

If you press **ESCape** at the beginning of the spelling check, CorrectStar searches for its dictionaries where it was told to look when you first installed the program. If CorrectStar can't find the Main or Internal Dictionaries you should go back and reinstall CorrectStar for their proper locations.

If you make a mistake entering an option and have not yet pressed **RETURN**, you can erase and re-enter your choice using the editing commands indicated on the options menu.

If you change your mind about an entry after having already entered it:

TYPE **^U**

SEE **Aborting spelling check**

You may now restart CorrectStar and re-enter your choices.

Once you have finished these changes you will not have to deal with them again unless you change something.

AUTO REFORM

Auto Reform realigns the right margins of each line and paragraph to maintain the professional look that WordStar brings to typing. This is one of CorrectStar's handiest features, saving you from having to go through and reform each paragraph after you have made a correction.

Most of the time you will want to use **Auto Reform**, so it is turned **on** automatically if you initially press the **ESCape** key and leap over all the option decisions right into CorrectStar.

There may be occasions when you want to turn the **Auto Reform** feature off. Perhaps you want to maintain the ragged-right edge of your paragraphs. To turn the **Auto Reform** feature **off**, *don't* press **ESCape** from CorrectStar's opening menu, but instead press **RETURN** until the **Auto Reform (Y/N)?** prompt appears. Tell it **No**.

If you used the Training Guide you may have noticed that CorrectStar reformed your paragraphs independent of the "ruler line" that separates the top part of the screen from your text. When CorrectStar comes to a paragraph, it uses the *second line* of that paragraph as its own ruler line to redimension any lines in which changes are made. This keeps indented or tabbed paragraphs from being a problem.

With a one-line paragraph, however, CorrectStar has no way of knowing how long you wanted that line to be. In the rare instance where correcting a word in a one-line paragraph causes that line to extend beyond your normal right margin, loop back to WordStar and reform the sentence.

There is a common editing error that occasionally can cause confusion. WordStar and CorrectStar assume that a hard carriage return marks the end of a paragraph, so CorrectStar reforms lines from the point at which it is working to the next carriage return. Normally this works perfectly well. But if, during the course of extensive editing, you have inserted lines which end with a carriage return, CorrectStar's Auto Reform feature will reform everything up to the first return. This can be disconcerting if you don't understand what is happening.

The solution is simple:

1. Type **^U** and **ESCape** to interrupt the spelling check.
2. Remove the incorrect carriage return.
3. Return to the beginning of the paragraph and type **^B** to reform the paragraph.
4. Type **^L** to resume the spelling check from the current cursor position.

A final note: Should you interrupt the spelling check and then type **^L**, CorrectStar will pick up again at the current cursor position. It will use the current line to dimension any further changes in the paragraph.

SOFT HYPHEN INSERTION

When you are working your way down CorrectStar's Options Screen, the last choice you are asked to make is:

Soft Hyphen Insertion (Y/N):

Just what is this, and how does it differ from WordStar?

HYPHEN HELP IN WORDSTAR

Veteran WordStar users will be familiar with Hyphen Help. When you reform a paragraph in WordStar—by typing **^B**—WordStar finds any words that are too long to move down to the next line without leaving a hole too big for the autojustification to hide. It examines each word to see where a hyphen might be inserted so that it can be split between two lines. The cursor moves to the suggested spot and blinks at you until you decide where to split the word, and then do it.

Once WordStar embeds a soft hyphen in a word, it stays in the word, even if the paragraph is subsequently reformed and the hyphenated word is no longer at the end of the line. The hyphen remains visible onscreen but only prints when it occurs at the end of a line.

SOFT HYPHEN INSERTION IN CORRECTSTAR

Unless you turn off the **Auto Reform** feature, CorrectStar automatically reforms your text when it replaces misspelled words. Sometimes the new words are longer than the old ones. If they happen to fall at the end of a line, they may need to be split between that line and the next one.

CorrectStar does not have a Hyphen Help feature like WordStar's. It will not stop and question you about hyphenating a word. Hyphen information is stored along with each word in CorrectStar's dictionary, making hyphen points more accurate than in other spelling programs that determine hyphen points by an algorithm.

CorrectStar inserts soft hyphens for you if you turn on **Soft Hyphen Insertion** (either from the Options Menu or if you turned it on when you installed CorrectStar). It then proceeds to reform your text as necessary.



CorrectStar has hyphenation information stored along with each word in its Main Dictionary. If you enter a new word from the keyboard, CorrectStar will not have access to this information and the word will be inserted in the text without hyphenation.

Unlike WordStar, which inserts soft hyphens when and where it splits up a word, CorrectStar inserts them between all the syllables of a word. This way should you ever need to reform your text again—either through CorrectStar or WordStar—the hyphens are already present, and the words will be split automatically.

The only disadvantage to **Soft Hyphen Insertion** is aesthetic: with it turned on, every word examined by CorrectStar will be replaced in the text with hyphens showing between each syllable. These hyphens are visible only on the screen and do not print out unless they happen to fall at the end of a line; the soft hyphens also carry over once you return to WordStar. If you find this feature more annoying than helpful, leave it turned off when you install CorrectStar. Unless you choose to turn it on when you install CorrectStar it is normally left off.

**TURNING OFF
THE SOFT
HYPHEN DISPLAY**

If you find Soft Hyphen Insertion **both** annoying and useful there is a solution: loop back to WordStar and turn off the soft hyphen display.

The WordStar command which turns off the display of embedded control characters is **^OD**. In order to turn off the embedded character (including soft hyphen) display you must loop out of CorrectStar to turn off the display; proceed with the spelling check; once back in WordStar, turn **^OD** back on again. Use this procedure:



TYPE **^U** and then **ESCape** to drop out of CorrectStar back into WordStar's edit mode.



TYPE **^OD** to turn off the display of embedded soft hyphens.



TYPE **^L** to resume the spelling check from the current cursor position.

Once you have completed the spelling check CorrectStar returns you to WordStar's edit mode. Before returning to WordStar's opening menu be sure to type **^OD** to turn the embedded character display back on. Otherwise it would be very easy while editing to delete a hidden control character and throw off your carefully formatted output without knowing it.

LOCAL FUNCTIONS



CorrectStar often comes up with several different suggestions for replacing the word in question. The word you are looking for may not be the first **Suggestion**.



TYPE **N** to check CorrectStar's **Next Suggestion**.

If you still aren't satisfied, you can type **N** repeatedly, seeing a new **Suggestion** each time. Eventually you will encounter **No more suggestions**.



TYPE **P** to check CorrectStar's **Previous suggestion**.

You can type **P** repeatedly if necessary, backing up one **Suggestion** each time. When you come to the correct word:

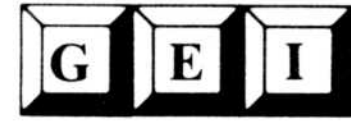


TYPE **C** to **Correct as suggested**.

C tells CorrectStar to replace the suspect word with its current **Suggestion**. This is a local replacement—meaning only this one misspelling is corrected.

C is also a default function. Typing RETURN has the same effect as typing **C**.

GLOBAL FUNCTIONS



G causes a suggested replacement word to be entered **Globally**.

When you select **Correct as Suggested**, CorrectStar replaces the misspelled word only at that place in your material. If you choose **Global Replacement**, on the other hand, CorrectStar proceeds to replace the word as it encounters it. At the same time it realigns the margins, if necessary, to preserve your careful layout. All of this with one keystroke!



E allows you to **Enter** a correction from the keyboard.

CorrectStar examines each word you enter from the keyboard before using it as a replacement word. If it likes the spelling of your replacement the prompt

Global replacement (Y/N)?

appears. Answer accordingly and CorrectStar carries on with the spelling check.

If CorrectStar doesn't like your new entry it questions it and comes up with a suggested replacement exactly as if it had found the word in your text. Now your new entry is the **Suspect word** and CorrectStar comes up with a **Suggestion** for replacing it.

If you like CorrectStar's suggestion you may:

1. Press **C** to replace the original word in the text with CorrectStar's proper spelling of your entry. Pressing **C** brings up the

Global replacement (Y/N)?

prompt, giving you a chance to decide whether you want to replace this one misspelling or all identical ones.

2. Press **G** to accept global replacement of the original word with the corrected version of your entry.

If you *don't* like CorrectStar's suggestion for your entry, you can do several things:

1. Press **N** repeatedly until you find the correct spelling and then press **C** or **G** to accept it as the replacement for the original word in your text.
2. Press **A** to add your entered word to the Personal Dictionary so that CorrectStar will recognize it next time. The global replacement prompt appears next, asking you about replacing the original word in the text with your entered word. Choose accordingly.
3. Press **B** to bypass the question about your entered word. If you do this, CorrectStar will accept your entry as a valid replacement and ask you if you want to make the replacement locally or globally. Choose accordingly.
4. Press **I** to ignore the question about your entered word. This will cause CorrectStar to accept every occurrence of your entry.

CorrectStar won't question you about a word that you enter from the keyboard when you split a suspect word in two. Instead of questioning you separately about each of the two entries CorrectStar accepts your input as valid and proceeds with the spelling check.

A NOTE ON MULTIPLE ENTRIES

Things can get confusing if CorrectStar doesn't like your new entry and you in turn don't like its suggestions. You can keep entering new entries and CorrectStar will dutifully examine each one in turn. Think of this process as building a stack of entries with the original text word at the bottom, all of your successive entries stacked one by one on top of that word, and CorrectStar's suggestion for the latest entry on the very top. The word in the **Suggestion** box always refers to your latest entry.

When you stop entering new words and finally take action on the latest one, CorrectStar takes the word off the top of the stack and uses it to replace the one on the bottom. If you take CorrectStar's latest **Suggestion**, that suggestion is substituted into the text. If you don't, your last entry is the word that is placed into the text. Answer the **Global replacement?** prompt and continue on with the spelling check.

A NOTE ON
EDITING
COMMANDS

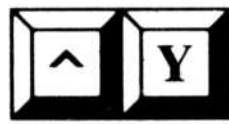
Once you opt to Enter a correction from the keyboard you have some editing commands at your disposal of which you might not be aware. They are the same ones you encountered at the Options Menu:



copies characters one at a time from the suspect word back into the **Enter Correction** work area.



erases the last character you entered.



deletes the entire entered correction.



restores the suspect word or it repeats the rest of the previously entered word if you type this command after starting to enter a correction.



I causes a word to be **Ignored** globally.

Occasionally CorrectStar may not recognize a word which you know to be correct. If you wish, you can then **Add** the word to your Personal Dictionary. Or, you can just tell CorrectStar to **Ignore** it. You might want to ignore a word, for example, if it is a word that you don't consider important enough to file for future reference.

BYPASS AND IGNORE



Type **B** to **B**ypass a word.

There will be times when CorrectStar fails to recognize a word that you *think* is correct. You would like to check it out further, but not right now. If you type **B** at this point, CorrectStar will proceed to bypass this word (or, rather, this spelling) and go on to the next suspect word.



Type **I** to **I**gnore a word.

There will be other times when CorrectStar thinks you have misspelled a word which you *know* is correct. You can **A**dd it to your Personal Dictionary if you think it is important enough to do so. If you don't, type **I** to ignore it both here and hereafter. CorrectStar will overlook it throughout the rest of your document.

Once you finish the spelling check and drop back into WordStar, you can stop and look up those words you chose to **B**ypass the first time through.



Type **^QL** to restart the spelling check from the beginning.

This time CorrectStar will only pay attention to those words which you chose to **B**ypass the first time, since all the other ones have already been checked or corrected. Now you can dust off your dictionary, look up the proper spelling, and enter it from the keyboard.

When the spelling check ends, be sure to save all your corrections (see page 4-17).

WORD COUNT UTILITY

When you get to the end of a spelling check CorrectStar tells you on the last screen how many words have been checked and how many have been corrected.

A little bonus that comes with CorrectStar is a separate Word Count Utility that you can use to check the length of one or more documents at the same time without having to go through a spelling check first.

You can run the counter either from WordStar or from the system prompt. From the system prompt:

TYPE **wc** *filename1 filename2 etc.*



SEE *# of lines # of words # of characters*

For example:

TYPE **A>wc** **tguidemem ref.mem**

SEE	<i>Lines</i>	<i>Words</i>	<i>Characters</i>	
	<i>1221</i>	<i>5539</i>	<i>48410</i>	<i>TGUIDE.MEM</i>
	<i>599</i>	<i>3070</i>	<i>24246</i>	<i>REF.MEM</i>
	<i>1820</i>	<i>8609</i>	<i>72656</i>	<i>total</i>

The first column represents the number of lines in the document; the second column, the number of words; and the third column, the number of characters. Whenever you instruct the counter to check two or more files, it will add a final row of summary figures. This can be especially helpful if you are typing a document that has several chapters; save each chapter in a separate file and use the counter to determine the overall length.

If you ask the counter to check a file which doesn't exist in your current directory—let's say LETTERS, for example—it responds

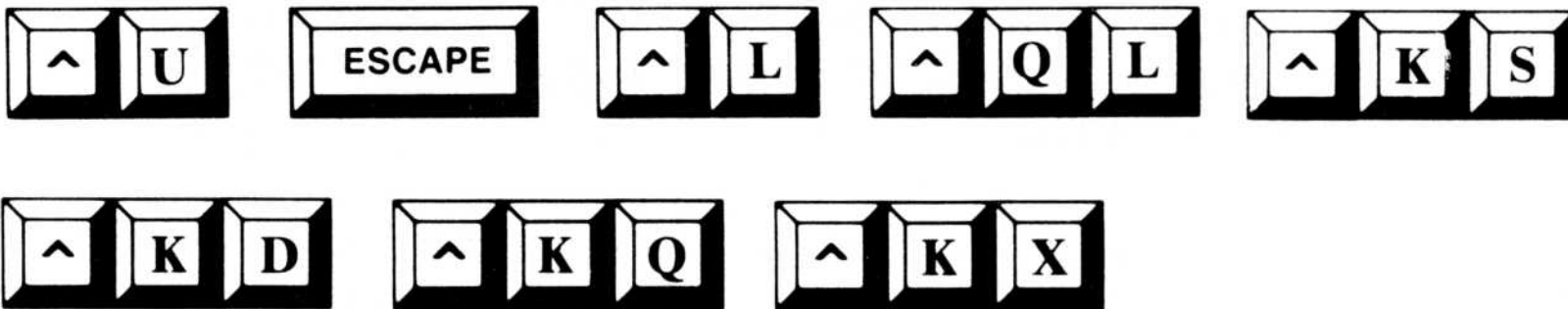
Unable to open file LETTERS.



If you type in **wc** **RETurn** without having entered a file name, the counter program counts the words you type on the terminal until you type **^Z**.

Whereas CorrectStar was designed to overlook numbers in a document, the word count utility counts numbers as well as words. If you need a count that is all-inclusive, use the counter utility.

ABRUPT END OF SPELLING CHECK



There may be times when you will get interrupted during a spelling check and have to put things aside and come back later...or when you decide that things have gotten hopelessly garbled and it's time to abandon your work and try again.



From any point in the program you can always press **^U** and then **ESCape**.

^U interrupts the spelling check program and **ESCape** drops you back into the WordStar "edit mode."

Once you are back in WordStar, you then have various alternatives. You can continue editing your document. Or you can:



Type **^L** to exit WordStar and resume the spelling check from the current cursor position.



Type **^QL** to exit WordStar and resume the spelling check from the beginning.



Type **^KS** to save your corrections but remain in the WordStar edit mode.



Type **^KD** to save your corrections by replacing your old text file with the edited one. You are then back at the WordStar opening menu.

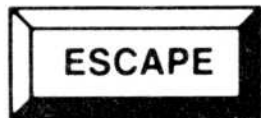


Type **^KQ** to abandon your corrections, leave your original files unchanged, and return to the WordStar Opening Menu.

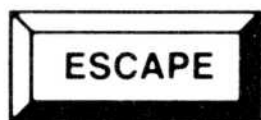


Type **^ K X** to save your corrections, terminate your WordStar session, and drop back to the operating system.

NORMAL END OF SPELLING CHECK



Once you arrive at the end of the spelling check, CorrectStar prints a few lines to let you know that the session is over.



ESCape returns you from CorrectStar to the WordStar "edit mode."

At this point your corrected text exists only in the computer's short-term memory, and the unedited copy exists on disk. You have several different ways to go:



^ Q L exits WordStar and resumes the spelling check.



Type **^ K S** to save your corrections but remain in the WordStar edit mode.



^ K D saves your corrections by replacing your old text file with the edited one. You are then back at the WordStar opening menu.

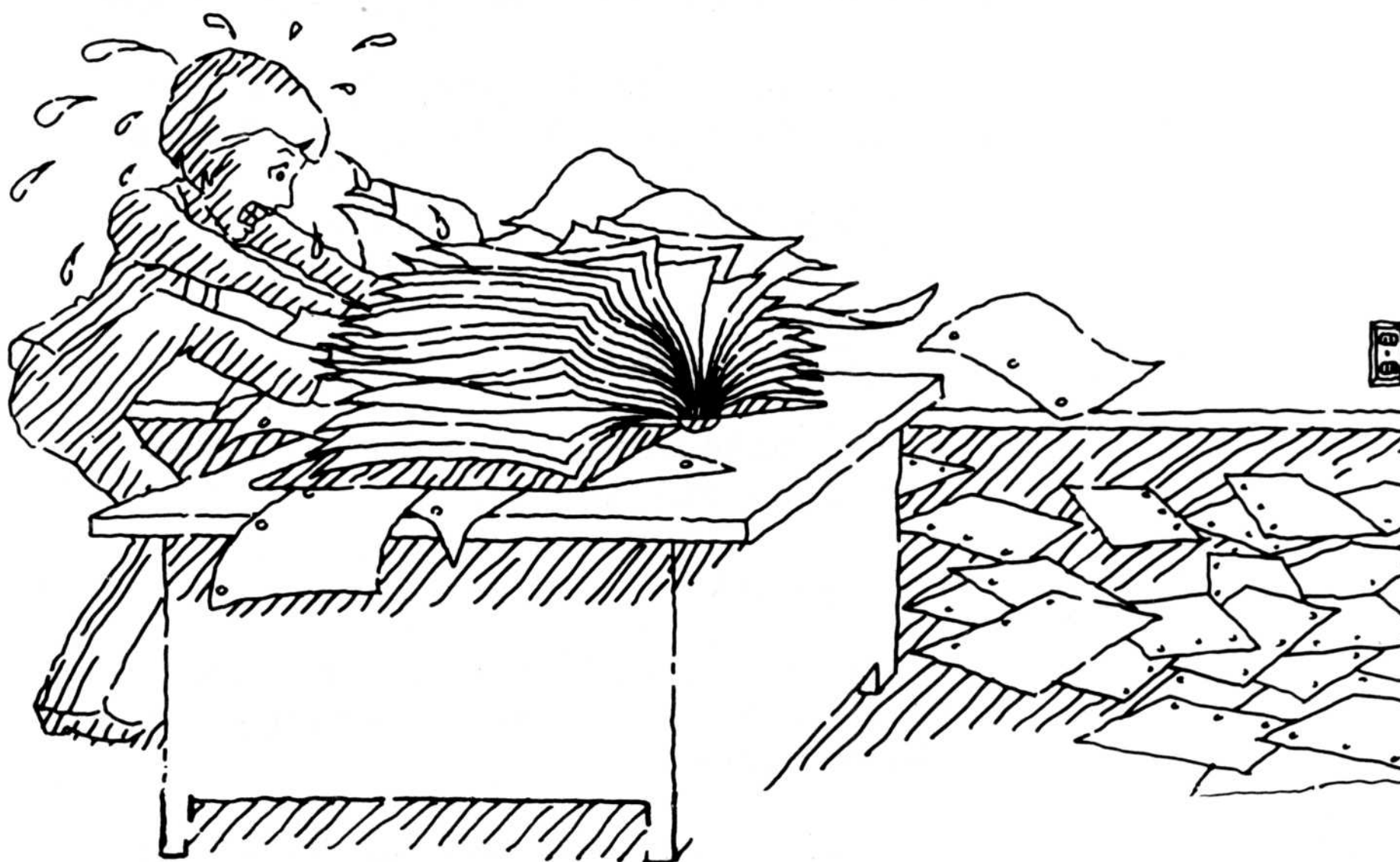


^ K Q abandons your corrections, leaves your original files unchanged, and returns you to the WordStar opening menu.



^ K X saves your corrections, terminates your WordStar session, and drops you back to the operating system.

5. CorrectStar Installation Manual



INTRODUCTION

CorrectStar is MicroPro's 16-bit spelling checker and corrector program. It is designed to work as the spelling option from WordStar 3.3, and as such replaces the earlier program SpellStar.

The installation procedures are straightforward, but there are a few things you need to do first:

1. Double-check that the version of WordStar you are using is version 3.3. CorrectStar 3.3 works only in conjunction with that version.
2. Next, be sure your computer has sufficient memory space to run CorrectStar. CorrectStar requires 192K bytes of internal memory. If your computer has less memory than this you need to purchase additional memory in order to run the program.

3. If you are using a dual floppy disk system, be sure you can run two disks of at least 320K bytes each.

4. If You Are Using A Dual Floppy Disk System:

- Copy the CorrectStar Program Disk onto your WordStar disk. This disk must contain:

WS.COM	INTERNAL.DCT
WSOVLY1.OVR	CINSTALL.EXE
WSMSG.S.OVR	WC.EXE
CORRSTAR.OVR	SAMPLE.TXT

- Next make a copy of the Dictionary Disk. This disk must contain:

MAIN.DCT

NOTE: You may copy the dictionary onto your WordStar disk if you have a large enough capacity disk to accommodate it.

- Finally, put both of your distribution disks away for safekeeping.

5. If You Are Using a Hard Disk System:

- Copy the CorrectStar Program Disk into the same directory in which you keep WordStar.
- Create a new subdirectory called **DICTNRY** and copy the Dictionary Disk onto that.
- Copy the program INTERNAL.DCT from your WordStar directory into the directory DICTNRY and erase the copy from your WordStar directory.
- Finally, put both of your CorrectStar disks away for safekeeping.

6. Using Hard Disks With Older DOS Versions:

Many versions of MS-DOS and PC-DOS numbered below 2.0 were not designed to allow hard disk usage and do not allow sub-directories. Some hard disk manufacturers have developed patches to these versions of the operating system that allow usage of their hard disks. Subdirectories are still not allowed: the operating system treats this as if they were simply large floppies.

CINSTALL checks the operating version number. If your DOS is below 2.0 CINSTALL will automatically treat your system as a “dual floppy” configuration. It will neither ask you whether you have a hard disk nor will it prompt you for subdirectory paths.

If you are in this situation, your hard disk system should function normally with CorrectStar. Copy all of the CorrectStar files onto the hard disk, treat it as if it were a high capacity floppy drive, and follow the floppy disk installation procedures below.

INSTALLATION PROCEDURES

You can run the installation program either from WordStar or from your operating system prompt. Insert your CorrectStar Program disk in the logged drive. From the system prompt:

STEP 1 TYPE **cinstall**



SEE the following screen

INSTALL for MicroPro CorrectStar Release 3.3 I.D. #263342Q4-001

Copyright (c) 1983, 1984 MicroPro International Corporation.
All Rights Reserved.

Spelling System Copyright (c) 1983, 1981, Houghton Mifflin Company.

This program will install CorrectStar to work with your copy of WordStar 3.3 for your 16 bit computer. Your WordStar files (WS.COM, WSOVLY1.OVR, and WSMMSG.S.OVR) must be available on disk for CorrectStar to be installed.

WARNING: If you wish to use CorrectStar and SpellStar 3.3, you must keep a separate copy of your WordStar files. This installation procedure will not allow the use of SpellStar 3.3 once CorrectStar has been installed.

CTRL-C will abort the installation at any time.

Type any key to continue...

The screen should be fairly self-explanatory. You have already copied the disks so the programs are in their proper locations.

STEP 2 PRESS any key

SEE the following line
(PC-DOS or MS-DOS 2.0 or higher
only)

Enter disk type used: H for hard. F for floppy.____

STEP 3 PRESS H (if you are using a hard disk)

PRESS F (if you are using a dual floppy
disk system)

SEE the following line

You have selected [H for hard disk/F for floppy].
Is this correct? (Y/N)____

STEP 4 PRESS N (if statement is incorrect; you
may then re-enter your choice)

PRESS Y (if correct)

SEE the following line

Installed WordStar file: WS.COM Is this correct? (Y/N)___

WordStar is normally installed in a file called **WS.COM**. If you aren't sure that your file is installed under this name, type ^C to exit the install program; then check your WordStar disk, find out the file name, and restart the install program. When you get back to this point, enter that name when asked for the WordStar file name.

STEP 5 PRESS N (if statement is incorrect; you
may then re-enter your choice)

PRESS Y (if correct)

SEE the following lines

WS.COM, CORRSTAR.OVR, WSOVLY1.OVR, and WSMGS.OVR
should be in your current directory.

Type any key to continue...
or press ^C to cancel CINSTALL



These are your complete WordStar files plus the CorrectStar file which you are currently installing.

You can cancel the installation procedure at any time by typing ^C.

NOTE: If you are using a dual floppy disk system, the first lines will read:

WS.COM, CORRSTAR.OVR, WSOVLY1.OVR, and WSMGS.OVR should all be on the same drive.

STEP 6 PRESS any key to continue

SEE the following line appear next

The above files can be found on drive C.
Is this correct? (Y/N)___

STEP 7 PRESS N (if statement is incorrect; you may then re-enter your choice)

PRESS Y (if correct)

NOTE: The following three screens show the display you will see if you are using a hard disk system. There will be no drive path listed if you are using a dual floppy system.

Drive, path, and name of the Main Dictionary:
C:\DICTNRY\MAIN.DCT
Is this correct? (Y/N)___

STEP 8 PRESS N (if statement is incorrect; you may then re-enter your choice)

PRESS Y (if this is correct)

SEE the following lines

Drive, path, and name of the Internal Dictionary:
C:\DICTNRY\INTERNAL.DCT
Is this correct? (Y/N)___

STEP 9 PRESS N (if statement is incorrect; you
may then re-enter your choice)

PRESS Y (if this is correct)

SEE the following lines

Drive, path, and name of the Personal Dictionary:
C:\DICTIONARY\PERSONAL.DCT
Is this correct? (Y/N)____

STEP 10 PRESS N (if statement is incorrect; you
may then re-enter your choice)

PRESS Y (if this is correct)

SEE the following lines

Auto-reform feature is currently ON.
Enter C to change or <RET> to leave as is.____

When CorrectStar replaces a misspelled word with the correct one the new word is often a different length than the one it replaced. If you decide to have Auto Reform normally ON, the right margins of your text will be automatically realigned regardless of the length of the new word. The default value is ON since you will probably want this feature most of the time. Don't use it if you prefer "ragged right" paragraphs.

If you think you do not want Auto Reform, type in C. Otherwise:

STEP 11 PRESS 

SEE the next screen appear:

The soft-hyphen feature is currently OFF.
Enter C to change or <RET> to leave as is.____

One final choice: Unless you turn off the Auto Reform feature, CorrectStar automatically reforms your text when it replaces misspelled words. Sometimes the new words will be longer than the old ones. If they happen to fall at the end of a line, they may need to be split between that line and the next one.

Soft hyphens are hyphens that appear on your screen but print only if they appear at the end of a line. Unlike WordStar, which inserts soft hyphens when and where it splits up a word, CorrectStar inserts a hyphen between each syllable of a word. This way should you ever need to reform your text again—either through CorrectStar or WordStar—the hyphens are present and the words will split automatically.

CorrectStar does not automatically insert soft hyphens unless you turn on Soft Hyphen Insertion either at installation time or from the Options Menu. The soft hyphens you see on your screen will not print out unless they happen to appear at the end of a line.

The only objection to Soft Hyphen Insertion is aesthetic. Many people find so many hyphens distracting, so the feature is normally set to OFF at installation time. If you decide you like Soft Hyphen Insertion after becoming familiar with it you can go back and reinstall CorrectStar, turning the feature ON.

STEP 12 PRESS  (to leave Soft Hyphen Insertion OFF)

SEE **Now installing CorrectStar...**

NOTE: If you have made any errors in installing CorrectStar you will be instructed at this point about the source of your error and how to correct it. If this should occur:

1. Press any key to return to that point in the installation program where you made your mistake;

2. Type in the correct information as necessary;
3. Press **ESCape** to complete the installation.

After a few seconds you will either see the system prompt reappear or, if you are running CINSTALL through WordStar you will see

Hit any key to return to WordStar:

Once you return to WordStar—or start up WordStar—you will notice in the lower right hand corner of the Opening Menu that

S Run SpellStar

has been replaced by

S Run CorrectStar

The installation procedure is now complete.

REINSTALLING CORRECTSTAR

When you run CorrectStar you will usually just press **ESCape** from the options menu and immediately begin the spelling check. Occasionally you will want to turn a feature on or off; you can do that from the Options Menu (see the Training Guide).

If you find with time that you want certain features turned ON that you originally installed OFF (or the reverse) you can always go back and run the install program again, resetting the “default values” so that CorrectStar performs to your tastes.

Don't hesitate to do this if you find yourself habitually changing settings from the Options Menu. Resetting options to suit you preserves the speed of the program.

REINSTALLING SPELLSTAR

CorrectStar replaces SpellStar as the spelling option from the WordStar Opening Menu. Since both programs are designed to run when you select the S option from that menu, once you install CorrectStar you must keep SpellStar in a different directory along with a version of WS.COM, WSMSG.S.OVR, and WSOVLY1.OVR for which CorrectStar has not been installed.

If for some reason you decide to return to using SpellStar instead of CorrectStar, remove all the WordStar and CorrectStar program files and install new WordStar files in their place.

WHAT'S NEXT

If you have used SpellStar previously you may be tempted to jump right in and start using CorrectStar. However, CorrectStar is quite different from earlier spelling checkers, not to mention faster and more powerful. A few minutes spent with the Tutorial will give you a quick grasp of a very quick program.

Appendix A

Program Specifications Sheet

WordStar and its options, CorrectStar, MailMerge, and StarIndex, operate only if the following specifications are met. Most WordStar specifications apply to the options as well. Any special requirements are noted below. For information regarding specific versions of WordStar and its options, see your dealer.

WordStar

OPERATING SYSTEMS

PC-DOS
MS-DOS
MP/M
CP/M (version 2.0 or 2.2)
CP/M-86

CPU MEMORY

For 16-bit microcomputers:
Minimum 64K of memory (RAM).
Except CP/M-86, which requires 80K.

VIDEO TERMINAL

WordStar requires an addressable cursor or byte-addressable, memory-mapped video. Minimum screen size is 16 lines by 64 characters. Maximum screen size is 57 lines by 120 characters.

PRINTER

WordStar can take advantage of most of your printer's capabilities, whether letter or draft quality.

DISK STORAGE

WordStar can operate with one drive containing at least 240K. Use 5 1/4" or 8" disks, depending on your hardware. For convenience, two floppy disk drives are recommended.

MAXIMUM FILE SIZE

8 megabytes on CP/M, CP/M-86, and MP/M.
Unlimited on MS-DOS and PC-DOS.

CorrectStar

DISK STORAGE	MicroPro recommends that you run CorrectStar with two floppy disks of at least 320K bytes each or with a hard disk system.	
MEMORY	192K bytes minimum required.	
MAIN DICTIONARY	Over 65,000 words. 303.5K bytes.	
INTERNAL DICTIONARY	9,000 words. 34.8K bytes.	
PERSONAL DICTIONARY	1500 words maximum. Approx. 18K bytes (maximum).	
PROGRAM SIZE (approx.)	CORRSTAR.OVR	58K bytes
	CINSTALL.EXE	16K bytes
	WC.EXE	12K bytes
	Total:	86K bytes
MAXIMUM WORD LENGTH	32 characters.	

Appendix B

CorrectStar and Small-Capacity Disks

WHAT YOU NEED

When you're doing a spelling check with CorrectStar on a system with small capacity disks (320K bytes), you should use three disks. These disks must contain the following files:

Disk #1: The WordStar and CorrectStar files:

WS.COM	
WSOVLY1.OVR	
WSMSGs.OVR	
CORRSTAR.OVR	the CorrectStar overlay
WC.EXE	the Word Count utility
INTERNAL.DCT	the Internal Dictionary

Disk #2: The document to check

Disk #3: CorrectStar dictionaries

MAIN.DCT	the Main Dictionary
PERSONAL.DCT	the Personal Dictionary

NOTE: There may be enough room on Disk #1 to allow you to edit a small document. If you intend to do this, be sure to allow enough room for WordStar to work. To avoid the possibility of "disk full errors" use three disks as described below.

HOW TO USE THREE DISKS

Place disk #1 in the A drive, and disk #2 in the B drive. Start WordStar, then log onto the B drive. When the Opening Menu appears, enter **C** to start CorrectStar. When the prompt appears, type the name of the file to check and press RETURN.

When the Options Menu appears check to see that the A drive is designated for the Personal Dictionary and that the B drive is designated as the work drive with the file to check. Be sure that A drive was specified for the Main and Internal dictionaries at install time. Change the controls if necessary, and proceed with the check.

Press RETURN to begin. When prompted by the program, remove disk #1 from the A drive, and replace it with disk #3 (the dictionary).

When the spelling check is complete, you'll see a prompt telling you to insert the WordStar disk (disk #1). Remove disk #3 from the A drive and replace it with disk #1. Press any key to return to WordStar.

Appendix C

CorrectStar Error Messages

Not enough memory for CorrectStar * Press ESCAPE key**

Problem. CorrectStar and WordStar combined require at least 161,000 bytes (157K bytes) of free memory to run. This means that on a 192K RAM system, 35K is left for the combined operating system, drivers, disk buffers, and resident utilities.

Solution. Change your system configuration in order to run CorrectStar.

[Internal Dictionary] not found—Please try again.

Problem. CorrectStar was unable to open the Internal Dictionary using the installed file specification.

Solution. Check whether the file specification is correct—drive letter, path (for DOS 2.0 or higher), and name. Alternatively, reinstall CorrectStar with the proper file specification for the Internal Dictionary.

Can't create Personal Dictionary. * Press ESCAPE key.**

Problem. When CorrectStar cannot find an existing Personal Dictionary using the file specification provided in the options menu, it attempts to create one. This message means it was unable to create a Personal Dictionary. The usual reasons are a nonexistent directory specified in the path (DOS 2.0 or higher) or a full directory.

Solution. From the Options Menu recheck the Personal Dictionary path and rename it if necessary. Reinstall CorrectStar if necessary.

Can't add more words to Personal Dictionary * Press
ESCAPE**

This message occurs in four situations:

Problem (1). During loading of the Personal Dictionary, CorrectStar found more words in the disk file than there was room to store in the Personal Dictionary in memory.

Solution. Edit your Personal Dictionary file to remove non-essential words.

Problem (2). During spelling check you gave the **A** command when the Personal Dictionary in memory was already full.

Solution. Your word was added to the Personal Dictionary disk file even though there is no room for it in memory. Either create a new Personal Dictionary or go back to the Options Menu and specify one that is not yet full.

Problem (3). During spelling check you gave the **A** command when there was no room on disk for more words.

Solution. Your word was added to the Personal Dictionary in memory but not to the disk file. Either create a new Personal Dictionary or go back to the Options Menu and specify one that is not yet full.

Problem (4). During spelling check you gave the **A** command when CorrectStar was unable to create a Personal Dictionary.

Solution. Either create a new Personal Dictionary or go back to the Options Menu and specify one that is not yet full.

Dictionary conflict, can't add [word] * Press ESCAPE**

Problem. This message appears during loading of the Personal Dictionary when a word conflicts with other words in the Personal Dictionary in memory and cannot be added. This is a rare occurrence. If this message results from the **A** command during a spelling check, the word cannot be added to the Personal Dictionary in memory but will be added to the Personal Dictionary disk file.

Solution. Go back to the Options Menu and specify another Personal Dictionary. Rerun the spelling check and add the word to this new dictionary.

Dictionary conflict, can't ignore [word] * Press ESCAPE**

Problem. This is a rare message. It occurs only when several previously ignored words conflict in the internal table so that the latest suspect word cannot be ignored. It is a warning that the internal table of ignored words is almost full. The combined maximum number of words that can be ignored or globally replaced is 750.

Solution. Either add the word to your Personal Dictionary instead of ignoring it; or split your document in two and spell check each section separately.

Can't ignore more words * Press ESCAPE**

Problem. The internal table of ignored words is full and cannot be increased. The combined maximum number of words that can be ignored or globally replaced is 750.

Solution. Either add the word to your Personal Dictionary instead of ignoring it; or split your document in two and spell check each section separately.

Dictionary conflict, can't globally replace [word] * Press ESCAPE**

Problem. This is a rare message. It occurs only when several previously globally replaced or ignored words conflict in the internal table so that the latest suspect word cannot be globally replaced. This message is a warning that the suspect word will be replaced only once and will not be replaced automatically when it occurs again.

Solution. Terminate the spelling check, split your document into shorter sections, and recheck each section separately. Or simply replace words one by one.

Global replacement space full * Press ESCAPE**

Problem. The space used to store replacement words for global replacements is full (750 words max.), so the word cannot be replaced globally. However, one replacement will occur.

Solution. Terminate the spelling check, split your document into shorter sections, and recheck each section separately.

Error: Dictionary file not found * Press ESCAPE Key**

Problem. After prompting you to load the dictionary disk CorrectStar was still unable to find the Main Dictionary.

Solution. Reinstall CorrectStar and specify the correct drive, path (for DOS 2.0), and name (MAIN.DCT) for the CorrectStar Main Dictionary.

Please enter CorrectStar from the opening menu * Press ESCAPE Key**

Problem. You pressed ^QL before CorrectStar had been loaded into memory and initialized.



When you run a program from within WordStar it is possible for some of the data to land in the memory space occupied by CorrectStar. The most likely situation—and the one to be avoided—would involve looping out of CorrectStar, running an external program, and restarting the spell check with **^QL**. If this problem occurs CorrectStar will display the previous error message.

Solution. Save or abandon the document you are currently editing and press the **S** command from the opening menu.

Main and Internal Dictionaries are incompatible * Press ESCAPE key**

This message indicates that one of two things has happened:

Problem (1). One or both of the dictionary files has been corrupted.

Solution. Make new copies of MAIN.DCT and INTERNAL.DCT from the distribution disk. If you had not yet done a save on a document you were spell checking, rerun the spelling check in case you lost any of the changes.

Problem (2). You are using mismatched Main and Internal Dictionaries.

Solution. If you attempt to edit your Main or Internal Dictionaries through WordStar you will see a version number on the first line of the message screen. These versions *must* match in order for CorrectStar to run. If you encounter this error message check that you are using the proper version of the dictionaries.

CORRECTSTAR™

ENTERING CORRECTSTAR

Description	Command
Check document for spelling	S
Review last file edited	^R

EDITING COMMANDS

Description	Command
Editing the Options Menu	
Delete character	^S
Restore character	^D
Delete entry	^Y
Restore entry	^R
Editing a Document	
Correct as suggested	C
Correct globally	G
Show next suggestion	N
Show previous suggestion	P
Enter correction from keyboard	E
Add word to personal dictionary	A
Bypass word this time	B
Ignore word throughout document	I

EXITING CORRECTSTAR

Description	Command
Interrupt spelling check	^U ESCape
Normal end of spelling check	ESCape
Restart spelling check from the beginning	^QL
Restart spelling check from cursor position	^L
Abandon corrections, return to WordStar's Opening Menu	^KQ
Save corrections, return to WordStar's Opening Menu	^KD
Save corrections, exit from WordStar to operating system	^KX

WORD COUNT UTILITY

Description	Command
Count number of words in <i>File1</i> and <i>File2</i>	wc <i>file1 file2</i>



MicroPro International Corporation
33 San Pablo Avenue
San Rafael, CA 94903
(415) 499-1200 • Telex: 278947 MPSR UR

Spelling Check

not editing

<<< OPENING MENU >>>

---Preliminary Commands---

L Change logged disk drive
F File directory now **OFF**
H Set help level

---Commands to open a file---

D Open a document file
N Open a non-document file

--File Commands--

P PRINT a file

E RENAME a file

O COPY a file

Y DELETE a file

-System Commands-

R Run a program

X EXIT to system

-WordStar Options-

M Run MailMerge

S Run CorrectStar

Select CorrectStar

Press: 

Name of file to check?

Press:  

Identify your file Type: *drive:filename.extension*

CorrectStar Release 3.3 I.D. #263342Q4-001
Copyright (c) 1983, 1984, MicroPro International Corporation.
All Rights Reserved

(c) Copyright 1983, 1981, Houghton Mifflin Company.
Based upon The American Heritage Dictionary.

Please check your CorrectStar options

<ESC>=start spelling check

^U=cancel spelling check

^S=delete character

^D=restore character

^Y=delete entry

^R=restore entry

Document: B:SAMPLE.TXT

Personal Dictionary:

A:PERSONAL.DCT

<RET> or new entry

Change Options As Desired

Press: 

Start Spelling Check

Press: 

Replace WordStar Disk with CorrectStar Dictionary Disk

Suspect word: rathr
Suggestion: **rather**

What would you like to do?:

C - Correct as suggested	E - Enter correction from keyboard
G - Correct Globally	A - Add word to personal dictionary
N - Show next suggestion	B - Bypass word this time
P - Show previous suggestion	I - Ignore word throughout document
<RET> - Correct as suggested	^U - Interrupt spelling check

C

Correct as Suggested

G

Global Replacement

N

Next Suggestion

P

Previous Suggestion

E

Enter Correction
from Keyboard

A

Add Word to Personal
Dictionary

B

Bypass Word

I

Ignore Word Throughout
Document

Interrupt Spelling Check

End Spelling Check

Press:

^ U

Replace WordStar Disk with CorrectStar Dictionary Disk

Press:

ESCAPE

Return to WordStar Editing Mode

^ L

Restart Spelling Check
From Cursor Position

^ Q L

Restart Spelling Check
From the Beginning

^ K S

Save Corrections
Remain in WordStar
Edit Mode

^ K D

Save Corrections
Return to WordStar's
Opening Menu

^ K Q

Abandon Corrections
Return to WordStar's
Opening Menu

^ K X

Save Corrections
Exit to Operating System

Return to WordStar Opening Menu

To Return to CorrectStar

Exit to Operating System