

# **TextEngine**

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**COLLABORATORS**

	<i>TITLE :</i> TextEngine		
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# Chapter 1

# TextEngine

## 1.1 TextEngine V5.0 documentation

TextEngine V5.0

Copyright © Nicholas Harvey 1991-95.

"A user friendly solution to your word processing needs"

Introduction

Welcome to TextEngine!

Shareware

How much does TextEngine cost?

Features

What can TextEngine do?

Requirements

What is needed to run TextEngine?

Installation

On either hard or floppy disks.

Loading TextEngine

Loading from Workbench or CLI.

User settings

Setting up TextEngine.

Program menus

A quick guide to TextEngine's menus.

Editing text

Text editing tools and features.

Handling files

Loading and saving your documents.

The spelling checker

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Correcting typing and spelling mistakes.

Thanks to...  
Friends and supporters.

## 1.2 Introduction

Introduction

Welcome to TextEngine V5.0, a shareware word processing system for the Amiga written in 100% assembly language.

TextEngine is a raw text processor allowing text to be entered, formatted, and then printed using standard built-in printer fonts. It has been designed with simplicity and speed in mind but still boasts a number of powerful

features  
making it ideal for editing reports, E-Mail, and programs alike.

I have tried my best to make the program as easy to use as possible so that you can simply go ahead and use it without making constant references to the instructions. However, it is worth reading this entire document through at least once (even if you have upgraded from an older version) so that you are aware of the subtler features which are contained within the program.

## 1.3 Shareware registration

Shareware registration

I have released TextEngine as a freely distributable shareware product, and it is not public domain. However, unlike some shareware offerings, this is the FULL program, not restricted or crippled in any way whatsoever. I feel that I would much rather people use and enjoy my program for free than for them to not use it at all.

So what reasons are there for you to register then? Well, along with receiving a personal reply from myself (guaranteed), you will also receive a free upgrade (if and when one appears), plus free advice on TextEngine related problems. Basically though, the bottom line is that I have given you a complete working program, and you have three options:

1. Format/trash/burn the floppy disk.
2. Use TextEngine for free.
3. Use TextEngine, and show your appreciation by becoming a registered user.

So, if you'd like to become a registered user, here's what to do. Simply send £5 to me at the following address:

Nicholas Harvey,  
Hawthorns,  
Sheringham Road,  
West Beckham, Holt,  
Norfolk. NR25 6PF

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United Kingdom

I can also be reached by E-mail for comments and bug reports at the following address:

N.J.Harvey-93@student.lut.ac.uk

## 1.4 TextEngine V5.0 features

TextEngine V5.0 features

Since its last release (version 4.1), TextEngine has undergone a total rewrite. Although no major new additions have been made, every feature of TextEngine has been improved to increase useability and flexibility. Here then are some of the more significant features of this new version:

- The GUI has been brought bang up to date by replacing the old fixed font Intuition GUI with a fully font sensitive GadTools system. Since TextEngine now uses the Workbench screen instead of its own custom one, it adapts itself to your font, screen mode, and palette settings, blending in seamlessly with your working environment.
- The length of a document is limited only by the amount of memory your machine contains, the same applying to the cut & paste buffers.
- 11 type styles are still available, but now they are represented within the document by more meaningful symbols (e.g. bold text is represented by an inverted B character). Also, page margins are now overlaid on the text editing window allowing for easier positioning of text on the page.
- BOOPSI slider gadgets in the window borders allow quick and easy movement around long documents.
- TextEngine now supports the Workbench AppWindow feature, allowing documents to be loaded by simply dragging their icons onto TextEngine's window.
- The 36,000 word spelling checker has been made more intelligent and now gives meaningful suggestions for the correct spelling of a word. Also, words can now be corrected automatically by the spelling checker instead of having to type corrections in by hand.

## 1.5 TextEngine V5.0 system requirements

TextEngine V5.0 system requirements

I have programmed and tested TextEngine on my 4MB A1200 and it appears to work fine. However, no Workbench 3.x specific routines have been used, so it should be happy running on a 1MB system with Workbench 2.x. However, more memory is recommended if the spelling checker is to be used whilst editing long documents.

TextEngine also requires the asl.library to be present in the LIBS drawer on your boot disk, and the parallel.device and printer.device correctly

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installed in the DEVS drawer for printing documents.

## 1.6 Installing TextEngine V5.0

### Installing TextEngine V5.0

All of TextEngine's files are contained within its own drawer, and it requires no assigns to be made.

To install TextEngine onto either a floppy disk or a hard drive, simply create a drawer called TextEngine (or any other name you choose), and copy the following files into it:

TextEngine	- The program itself.
TextEngine.info	- The program icon.
TextEngine.guide	- This AmigaGuide documentation (optional).
TextEngine.guide.info	- The documentation icon (optional).
TextEngine5.0.dct	- The spell checker dictionary.
TextEngine5.0.cfg	- The configuration file (optional).

If the .cfg file is not present then TextEngine will use the default preferences.

Once installation is complete, it is important to ensure that your boot disk contains the necessary system libraries and devices else TextEngine will not work correctly (see

Requirements  
section for more details).

## 1.7 Loading TextEngine

Loading TextEngine

TextEngine can be loaded from either the CLI or Workbench.

Loading TextEngine from the CLI

1. Open a CLI window.

2. Type `cd <name of drawer TextEngine is stored in>`

e.g. `cd dhl:Business/TextEngine`

3. Type `TextEngine <filename>`

where <filename> is the optional filename of a file to be loaded automatically when TextEngine starts up.

e.g. `TextEngine s:startup-sequence`

Loading TextEngine from the Workbench

There are three ways TextEngine can be loaded from the Workbench.

1. Simply double click on its icon.

2. Click once on TextEngine's icon, and whilst holding down a shift key,

double click on a project icon. The project will then be loaded automatically when TextEngine starts up.

3. Set TextEngine as a project's Default Tool (by using the Workbench icon information editor). When the project's icon is then double clicked on, TextEngine will be run and the project automatically loaded into it.

## 1.8 Setting up TextEngine

### Setting up TextEngine

When TextEngine has been loaded up for the first time, or for some reason your TextEngine5.0.cfg file has been deleted, then the default settings will be used. These settings can be customised by choosing options from the Settings menu, and the following areas are covered:

- Word wrap - This can be toggled by selecting the Word Wrap menu option.
- Printer borders - These can be toggled by selecting the Show Borders menu option.
- Printer setup - This can be adjusted by selecting the Printer menu option.
- Function key macros - These can be set by selecting the Function Keys menu option.
- Edit window colours - These can be chosen by selecting the Colours menu option.

When you have finished adjusting TextEngine's settings, a configuration file can be saved by selecting the Save Settings menu option. Once this has been done, every time TextEngine is loaded it will be configured with your chosen settings.

## 1.9 Program menus

### Program menus

Here are the menu options available in TextEngine.

- Project:
- New...
  - Open...

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Insert File...  
Save  
Save As...  
ASCII Save...  
Preview                      Print »  
Document...  
About...  
Quit...                      Edit:  
Cut  
Copy  
Paste  
Find  
Find Again  
Replace                      Format:  
Bold  
Italic  
Underline  
Condensed  
Double Strike  
Elite  
Enlarged  
Pica  
Subscript  
Superscript  
Plain                      Tools:  
Word Count...  
Top Of File  
End Of File  
Centre Line

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Settings:  
Word Wrap  
  
Show Borders  
  
Printer...  
  
Function Keys...  
  
Colours...  
  
Save Settings  
    Spell:  
Open Dictionary  
  
Close Dictionary  
  
Update Dictionary  
  
Check Document...

## 1.10 Menu option - New...

Menu option - New...

Menu: Project  
Shortcut: Right-Amiga + N  
Purpose: Clear current document and start a new one

Usage:

Selecting this option will open a requester querying your choice. Selecting OK will clear the current document, placing the cursor at the top of a blank document. The operation can be cancelled by clicking on Cancel.

## 1.11 Menu option - Open...

Menu option - Open...

Menu: Project  
Shortcut: Right-Amiga + O  
Purpose: Open a document from disk

Usage:

Selecting this option will open a standard ASL load requester from which a file can be chosen. Selecting Open will clear the current document, replacing it with the chosen disk file. The operation can be aborted by clicking on Cancel.

## 1.12 Menu option - Insert File...

Menu option - Insert File...  
Menu: Project  
Shortcut: None  
Purpose: Insert a file into the current document

Usage:

Selecting this option will open a standard ASL load requester from which a file can be chosen. Selecting Insert will insert the selected file into the current document at the cursor position.

With this new version of TextEngine, ASCII format files can now be inserted as well as

TextEngine format  
files.

### 1.13 Menu option - Save

Menu option - Save  
Menu: Project  
Shortcut: Right-Amiga + S  
Purpose: Save the current document

Usage:

Selecting this option will immediately save the current document to disk under the filename it was loaded, or last saved, as. The document will be saved as a

TextEngine format  
file, and it is important to note that no  
warning is given if a file is to be overwritten by this action.

### 1.14 Menu option - Save As...

Menu option - Save As...  
Menu: Project  
Shortcut: Right-Amiga + A  
Purpose: Save the current document via a file requester

Usage:

Selecting this option will open a standard ASL save requester from which a file can be chosen. Clicking on Save will write the current document to disk as a

TextEngine format  
file, and a warning will be given if a file will be  
overwritten in the process. The operation can be aborted by clicking on  
Cancel.

### 1.15 Menu option - ASCII Save...

Menu option - ASCII Save...

Menu: Project  
Shortcut: None  
Purpose: Save the current document in ASCII format

Usage:

Selecting this option will open a standard ASL save requester from which a file can be chosen. Clicking on Save will write the current document to disk as an ASCII format file, and a warning will be given if a file will be overwritten in the process. The operation can be aborted by clicking on Cancel.

## 1.16 Menu option - Print Preview

Menu option - Print Preview  
Menu: Project  
Shortcut: None  
Purpose: Display a print preview within a window

Usage:

Selecting this option will open a the  
Print Control window  
, and a standard

Console window in which a representation of how the document would look if printed on paper is displayed.

The preview begins from the top of the document, and is useful in checking that the text is formatted correctly relative to the printer borders. The preview will finish when the end of the document is reached, or can be stopped sooner by clicking on Cancel within the Print Control window.

## 1.17 Menu option - Print Document...

Menu option - Print Document...  
Menu: Project  
Shortcut: Right-Amiga + P  
Purpose: Print the current document to the printer or disk file

Usage:

Selecting this option will open the Printer Settings window where the printer set-up can be checked and altered if necessary. If at this stage you do not wish to print the document, click on Cancel within the Printer Settings.

Clicking on OK will close the Printer Settings window and, on successfully opening the printer file, the

Print Control window  
will open and printing

will commence. The operation can be stopped at any time by clicking on Cancel within the Print Control window.

## 1.18 Print Control window

Print Control window

Whilst a document is being printed, a small window is displayed showing the percentage of the file that has actually been printed. Also present in this window is a Cancel button which can be used to abort the printing at any point.

## 1.19 Menu option - About...

Menu option - About...

Menu: Project  
Shortcut: Right-Amiga + ?  
Purpose: Display TextEngine copyright notice

Usage:

Selecting this option will display TextEngine's copyright notice, as well as my postal and e-mail addresses, just in case you get that urge to become a

registered user  
(go on, you know it makes sense)!

## 1.20 Menu option - Quit...

Menu option - Quit...

Menu: Project  
Shortcut: Right-Amiga + Q  
Purpose: Unload TextEngine

Usage:

Selecting this option will open a requester querying your choice. Selecting OK will quit TextEngine and unsaved changes made to your document will be lost. If you change your mind you can click on Cancel to return to the text editor window.

## 1.21 Menu option - Cut

Menu option - Cut

Menu: Edit  
Shortcut: Right-Amiga + X  
Purpose: Cut a block of text from the document

Usage:

Having marked a text block, selecting this option will copy the block into the cut buffer and then delete it from the document. The text block can then later be

pasted  
back into the document elsewhere.

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The maximum amount of text that can be cut is limited only by the amount of free memory there is available. Also, if a text block has not been marked then this option will have no effect.

## 1.22 Menu option - Copy

Menu option - Copy  
Menu: Edit  
Shortcut: Right-Amiga + C  
Purpose: Copy a block of text from the document

### Usage:

Having marked a text block, selecting this option will copy the block into the cut buffer with the block remaining in the document. The text block can then later be

pasted  
into the document elsewhere.

The maximum amount of text that can be copied is limited only by the amount of free memory there is available. Also, if a text block has not been marked then this option will have no effect.

## 1.23 Menu option - Paste

Menu option - Paste  
Menu: Edit  
Shortcut: Right-Amiga + V  
Purpose: Paste a block of text into the document

### Usage:

Once a text block has either been

cut  
or  
copied  
from the document,

selecting this option will insert that text back into the document at the current cursor position.

If a text block has not previously been cut or copied then this option will have no effect.

## 1.24 Menu option - Find...

Menu option - Find...  
Menu: Edit  
Shortcut: Right-Amiga + F  
Purpose: Input string to be found and optional replace string

### Usage:

Selecting this option opens a window into which two text strings can be

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entered. The Find string contains the text to be searched for within the document. The Replace string is optional and contains the text with which matching occurrences of the Find string within the document may be replaced with.

Once these strings have been edited, clicking on OK will move the cursor to the next occurrence of the Find string within the document. When a match has been found, it can be replaced with the Replace string by selecting the

Replace  
 menu option. To move on to the next occurrence within the ←  
 document,

select the

Find Again  
 menu option.

If no matches are found then the screen will flash indicating an error.

## 1.25 Menu option - Find Again

Menu option - Find Again  
 Menu: Edit  
 Shortcut: Right-Amiga + G  
 Purpose: Find next occurrence of the find string

Usage:

Selecting this option will search through the document and place the cursor on the next occurrence of the Find string (as defined in the

Find  
 menu

option).

If no matches are found then the screen will flash indicating an error.

## 1.26 Menu option - Replace

Menu option - Replace  
 Menu: Edit  
 Shortcut: Right-Amiga + R  
 Purpose: Replace currently found text with replace string

Usage:

After a match has been found to the Find string within the document, selecting this option will replace the found text with the Replace string (as defined in the

Find  
 menu option).

Once the text has been replaced, the next matching occurrence of the Find string will then be found automatically, or the screen will flash in error if no more matches are found.

## 1.27 Menu option - Bold

Menu option - Bold

Menu:               Format  
Shortcut:           None  
Purpose:            Toggle bold text

Usage:

Selecting this option will insert a bold text (inverted B) control character into your document at the cursor position. Every occurrence of this character within the document will toggle bold text on or off when the document is printed.

## 1.28 Menu option - Italic

Menu option - Italic

Menu:               Format  
Shortcut:           None  
Purpose:            Toggle italic text

Usage:

Selecting this option will insert an italic text (inverted I) control character into your document at the cursor position. Every occurrence of this character within the document will toggle italic text on or off when the document is printed.

## 1.29 Menu option - Underline

Menu option - Underline

Menu:               Format  
Shortcut:           None  
Purpose:            Toggle underline text

Usage:

Selecting this option will insert an underline text (inverted U) control character into your document at the cursor position. Every occurrence of this character within the document will toggle underline text on or off when the document is printed.

## 1.30 Menu option - Condensed

Menu option - Condensed

Menu:               Format  
Shortcut:           None  
Purpose:            Toggle condensed text

Usage:

Selecting this option will insert a condensed text (inverted C) control character into your document at the cursor position. Every occurrence of

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this character within the document will toggle condensed text on or off when the document is printed.

### 1.31 Menu option - Double Strike

Menu option - Double Strike

Menu:               Format  
Shortcut:           None  
Purpose:            Toggle double strike text

Usage:

Selecting this option will insert a double strike text (inverted D) control character into your document at the cursor position. Every occurrence of this character within the document will toggle double strike text on or off when the document is printed.

### 1.32 Menu option - Elite

Menu option - Elite  
Menu:               Format  
Shortcut:           None  
Purpose:            Set elite text

Usage:

Selecting this option will insert an elite text (inverted e) control character into your document at the cursor position. This character can only turn elite text on when the document is printed, and is cancelled by the

pica  
control character.

### 1.33 Menu option - Enlarged

Menu option - Enlarged  
Menu:               Format  
Shortcut:           None  
Purpose:            Toggle enlarged text

Usage:

Selecting this option will insert an enlarged text (inverted E) control character into your document at the cursor position. Every occurrence of this character within the document will toggle enlarged text on or off when the document is printed.

### 1.34 Menu option - Pica

Menu option - Pica  
Menu: Format  
Shortcut: None  
Purpose: Set pica text

Usage:

Selecting this option will insert a pica text (inverted p) control character into your document at the cursor position. This character can only turn pica text on when the document is printed, and is cancelled by the elite control character.

### 1.35 Menu option - Subscript

Menu option - Subscript  
Menu: Format  
Shortcut: None  
Purpose: Toggle subscript text

Usage:

Selecting this option will insert a subscript text (inverted s) control character into your document at the cursor position. Every occurrence of this character within the document will toggle subscript text on or off when the document is printed.

### 1.36 Menu option - Superscript

Menu option - Superscript  
Menu: Format  
Shortcut: None  
Purpose: Toggle superscript text

Usage:

Selecting this option will insert a superscript text (inverted S) control character into your document at the cursor position. Every occurrence of this character within the document will toggle superscript text on or off when the document is printed.

### 1.37 Menu option - Plain

Menu option - Plain  
Menu: Format  
Shortcut: None  
Purpose: Set plain text

Usage:

Selecting this option will insert a plain text (inverted P) control character into your document at the cursor position. Every occurrence of this character within the document cancels all of the currently set text

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styles and can be used as a quick method of turning off many text styles at once.

### 1.38 Menu option - Word Count...

Menu option - Word Count...

Menu: Tools  
Shortcut: Right-Amiga + W  
Purpose: Display the number of words, lines and pages in the document

Usage:

After selecting this option TextEngine will pause for a short while to look through the document. When done, a requester will open displaying the number of words contained within the document, and the number of lines and pages the document spans.

### 1.39 Menu option - Top Of File

Menu option - Top Of File

Menu: Tools  
Shortcut: Right-Amiga + T  
Purpose: Place cursor at the top of the document

Usage:

Selecting this menu option will place the cursor on the first line of the document.

### 1.40 Menu option - End Of File

Menu option - End Of File

Menu: Tools  
Shortcut: Right-Amiga + E  
Purpose: Place cursor at the end of the document

Usage:

Selecting this menu option will place the cursor on the last line of the document.

### 1.41 Menu option - Centre Line

Menu option - Centre Line

Menu: Tools  
Shortcut: Right-Amiga + Y  
Purpose: Centralise the current line within the printer borders

Usage:

Selecting this option will insert or delete spaces from the beginning of the

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current line in order to centralise it relative to the left and right print borders.

If the current line extends past the right print margin then selecting this option will have no effect.

## 1.42 Menu option - Word Wrap

Menu option - Word Wrap

Menu: Settings  
Shortcut: Right-Amiga + L  
Purpose: Toggle the word wrapper on/off

Usage:

Selecting this option toggles the word wrapper on or off. When the word wrapper is switched off, lines can be edited up to 240 characters in length.

## 1.43 Menu option - Show borders

Menu option - Show Borders

Menu: Settings  
Shortcut: Right-Amiga + H  
Purpose: Show/hide the visible print border guides

Usage:

Selecting this option toggles the print border guides on or off. Please note that the word wrapper may still be switched on even when the print border guides are switched off.

## 1.44 Menu option - Printer...

Menu option - Printer...

Menu: Settings  
Shortcut: Right-Amiga + D  
Purpose: Edit the printer borders and other printer options

Usage:

Selecting this option will open a window containing various printer options, as follows:

Top margin: This value sets the number of blank spaces at the top of each printed page.

Bottom margin: This value sets the number of blank spaces at the bottom of each printed page.

Page length: This value must be set to the maximum number of lines that you printer can print on one page.

Left margin: This value sets the left margin width, measured in

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characters.

- Right margin: This value sets the right margin width, measured in characters.
- Page width: This value must be set to the width of your paper, measured in characters (normally 80 for A4 paper).
- Print destination: Here you can enter the filename to which the document will be printed.  
e.g. PRT: - output to the printer.device.  
df0:print - output to a disk file.
- Draft print: Selecting this option will turn off NLQ printing.
- Proportional spacing: Selecting this option will turn on proportional character spacing.
- Double line spacing: Selecting this option will turn on double line spacing.
- Number of copies: This value determines the number of copies of the document that are printed.

When you have finished entering your printer settings, clicking on OK will make the changes effective. Selecting Cancel will return the printer settings to the previously entered values.

## 1.45 Menu option - Function Keys...

Menu option - Function Keys...

Menu: Settings  
Shortcut: Right-Amiga + K  
Purpose: Assign text strings to the ten function keys

Usage:

Selecting this option opens a window containing ten string gadgets. Using these you can assign text strings of up to 256 characters in length to each of the ten function keys (F1 - F10). Then, when editing your document, pressing a function key will automatically insert the corresponding text string.

## 1.46 Menu option - Colours...

Menu option - Colours...

Menu: Settings  
Shortcut: Right-Amiga + M  
Purpose: Alter the colours of the text editor window

Usage:

Selecting this option opens a window containing two palette gadgets. These give a choice of up to 8 different colours (depending on your screen mode)

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and can be used to choose the text and field colours of the text editor window.

## 1.47 Menu option - Save Settings

Menu option - Save Settings

Menu: Settings  
Shortcut: None  
Purpose: Save the settings to disk

Usage:

Selecting this option saves TextEngine's current preferences settings to the TextEngine5.0.cfg file. The settings saved within this file are as follows:

- Word wrap setting.
- Print border guides setting.
- Draft print setting.
- Proportional character spacing setting.
- Double line spacing setting.
- Number of print copies.
- Printer margin settings.
- Print destination filename.
- Text editor window colour settings.
- Function key text strings.

## 1.48 Menu option - Open Dictionary

Menu option - Open Dictionary

Menu: Spell  
Shortcut: Right-Amiga + B  
Purpose: Load the spelling checker's dictionary file

Usage:

When TextEngine is loaded, it does not automatically load in its dictionary file. Instead, if you want to use the spelling checker you must first select this option to load the dictionary into memory. If the operation is successful you will find that the Spell menu has been unghosted, and the other options are now available.

The dictionary requires at least 300KB free memory, so users with only 1MB total RAM may find they are unable to open the dictionary whilst they are editing a fairly long document. An error message will be displayed if there is not enough memory available.

## 1.49 Menu option - Close Dictionary

Menu option - Close Dictionary

Menu: Spell  
Shortcut: None  
Purpose: Close the spelling checker's dictionary file

---



**Usage:**

Selecting this option will remove the dictionary from memory, freeing about 300KB of RAM in the process.

## 1.50 Menu option - Update Dictionary

Menu option - Update Dictionary

Menu: Spell

Shortcut: None

Purpose: Save the dictionary (plus added words) back to disk

**Usage:**

After using the spelling checker to check your document, you may have added some words to the dictionary. Selecting this option saves the entire dictionary, plus your additions, back to disk.

## 1.51 Menu option - Check Document...

Menu option - Check Document...

Menu: Spell

Shortcut: Right-Amiga + J

Purpose: Check the document's spelling

**Usage:**

Selecting this option will open the Spelling Checker window, and TextEngine will begin checking the document from the current cursor position. When a potentially incorrect word is found, it is displayed in the Unknown text gadget and a list of suggestions as to its correct spelling are displayed in list gadget. If you wish to ignore the word, simply click on Ignore and the spelling checker will continue checking the document.

If the word is correctly spelt, it can be added to TextEngine's dictionary by clicking on Learn. This will store the word and then continue checking through the document. After the spelling checker has finished, you can select the

Update dictionary

menu option to permanently store any additions made to the dictionary on disk.

If the word is incorrectly spelt, you can select a replacement by simply clicking on one of the suggestions from the list. Alternatively you can type your own replacement into the Replace With string gadget. Once you have chosen a replacement, simply click on the Replace button to automatically correct the word in the document.

If you wish to stop the spelling checker, simply click on the Cancel button.

## 1.52 Editing text

---

Editing text

Using the keyboard

Editing a document

Adding text styles

Cutting & Pasting text

Moving blocks of text around

## 1.53 Using the keyboard

Using the keyboard

Editing text in TextEngine is just like any other text editor you may have used in the past. Text can be entered with either the

word wrap

on or off.

When switched on, the word wrap will wrap the last word of the current line onto the one below whenever the current line becomes wider than the width of the page (as defined in the

printer settings

menu option). With the word

wrap switched off, the printer borders are ignored and lines up to 240 characters long can be edited.

The cursor keys can be used to move around the document, and holding down Shift whilst using the up and down cursor keys allows you to move up and down a page at a time.

Each of the ten function keys (F1 - F10) can be assigned a text string (as defined in the

function keys settings

menu option), and when one of these

keys is pressed, its corresponding text will automatically be entered into your document.

## 1.54 Adding text styles

Adding text styles

TextEngine allows you to alter the way in which your text is printed so as to help you make your documents clearer and easier to read. It does this by allowing you to insert control characters into your document which set a style for the text which follows them.

Text styles are inserted by selecting options from the Format menu. The following styles are available, but it is important to note that not all printers support them all, so just try them out and see which ones work.

Style	Description	Control char
	Bold	

Doubles the thickness of text horizontally.	B
Italic Slants text to the right.	I
Underline Draws a line under text	U
Condensed Sets character pitch to 17 characters per inch.	C
Double strike Doubles the thickness of text vertically.	D
Elite Sets character pitch to 12 characters per inch.	e
Enlarged Doubles the width of text.	E
Pica Sets character pitch to 10 characters per inch.	p
Subscript Set subscripted text.	s
Superscript Set superscripted text.	S
Plain Cancel all previously set styles.	P

Using the text styles is very simple. When your document is printed, the first occurrence of a text style control character will switch on that style. It will then remain on until the next occurrence of that control character, which switches off the text style. This is true for all of the text styles except Elite and Pica (which cancel each other), and Plain.

#### Example

Say you entered the following text into TextEngine:

```
          USHOCK HORROR!U
ITextEngineI can apply all kinds of Bstyles to your text.
```

When printed, the resulting output would look like this:

```
          SHOCK HORROR!
TextEngine can apply all kinds of styles to your text.
```

## 1.55 Cutting, copying, and pasting text

### Cutting, copying, and pasting text

TextEngine allows you to move large blocks of text around the document quickly and easily. To mark a text block, place the mouse pointer over the first line of the block. Then, while holding down the left mouse button,

drag the mouse down to the last line of the block. You should now see your block of text highlighted in inverted type.

Once a text block has been marked, options in the Edit menu allow you to

```
copy
, or
cut
    the block into the cut buffer. Once this has been done, the
cursor can be moved to another part of the document, and the text
pasted
back in.
```

## 1.56 Handling files

Handling files

TextEngine supports two types of file format;

TextEngine format

files; and

ASCII format files.

Files are handled by selecting the following options from the Project menu:

Open...

Load in and ASCII or TextEngine format file.

Insert file...

Insert an ASCII or TextEngine file into the document.

Save

Save the document as a TextEngine format file.

Save As...

Like Save, except a file requester is used.

ASCII Save...

Save the document as an ASCII format file.

Also, a new feature of TextEngine V5.0 allows files to be loaded from Workbench by simply dragging their icons onto TextEngine's window.

## 1.57 TextEngine file format

TextEngine file format

TextEngine's file format for version 5.0 is similar to ASCII, except that each file has a block of data attached to it containing the following information:

- Word wrap setting.
  - Print border guides setting.
  - Draft print setting.
-

- Proportional character spacing setting.
- Double line spacing setting.
- Number of print copies.
- Printer margin settings.
- Print destination filename.
- Text editor window colour settings.
- Function key text strings.

Saving your work as TextEngine format files allows each of your documents to have their own individual preferences settings which TextEngine configures to each time they are loaded. This can be useful if you want to change the printer set-up or window colours for one particular document without having to change TextEngine's main settings.

It is important to note that TextEngine V5.0 does not support TextEngine format files from previous versions. However, upgrading users can easily load their old documents into TextEngine V5.0 by saving them as ASCII format files first.

## 1.58 The spelling checker

The spelling checker

TextEngine features a fully functional spelling checker which is useful for checking documents for spelling and typing errors. Included is an English language dictionary file (TextEngine5.0.dct) which contains over 36,000 words. However, this by no means covers every word in existence, so it is always worth having a dictionary nearby in order to check words which TextEngine has not seen before!

To start the spelling checker up for the first time, you must select the

open dictionary

option from the Spell menu. If this operation is successful then the rest of the Spell menu becomes available, giving you full control over the spelling checker, as follows:

Close dictionary

Release the memory used by the spelling checker.

Update dictionary

Save the additions made to the dictionary.

Check document...

Check the spelling of the document from the cursor.

## 1.59 Thanks to...

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And hellos also to Scott Lewis, Phil Hicks, and Piers Bolton.

Which leaves me to say thanks a lot for taking a look at my program. Look out for TextEngine 95, due for release early next year (only kidding)!

Signed: Nick, 12 September 1995.