

TPP

COLLABORATORS

	<i>TITLE :</i> TPP		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		December 11, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	TPP	1
1.1	TPP Help	1
1.2	TPP/Preface	1
1.3	TPP/Copyright	2
1.4	TPP/Acknowledgements	3
1.5	TPP/Installation	3
1.6	TPP/Menus	4
1.7	TPP/Menus/Project	4
1.8	TPP/Menus/Project/Load	4
1.9	TPP/Menus/Project/Append File	5
1.10	TPP/Menus/Project/New Window	5
1.11	TPP/Menus/Project/Load & New Window	5
1.12	TPP/Menus/Project/Load Configuration	5
1.13	TPP/Menus/Project/Delete File	5
1.14	TPP/Menus/Project/Save	6
1.15	TPP/Menus/Project/Save As	6
1.16	TPP/Menus/Project/Save & Quit	6
1.17	TPP/Menus/Project/Save Configuration	6
1.18	TPP/Menus/Project/Compile	6
1.19	TPP/Menus/Project/Preview	6
1.20	TPP/Menus/Project/Print	7
1.21	TPP/Menus/Project/Iconify	10
1.22	TPP/Menus/Project/Help	11
1.23	TPP/Menus/Project/About	11
1.24	TPP/Menus/Project/Quit	11
1.25	TPP/Menus/Block	11
1.26	TPP/Menus/Block/Mark	11
1.27	TPP/Menus/Block/Copy	12
1.28	TPP/Menus/Block/Move	12
1.29	TPP/Menus/Block/Paste	12

1.30	TPP/Menu/Block/Delete	12
1.31	TPP/Menu/Block/Load	12
1.32	TPP/Menu/Block/SaveBlock	12
1.33	TPP/Menu/Block/Delete Mark	12
1.34	TPP/Menu/Block/Copy To TmpFile	13
1.35	TPP/Menu/Block/Clipboard	13
1.36	TPP/Menu/Prefs	13
1.37	TPP/Menu/Prefs/Prefs	13
1.38	TPP/Menu/Prefs/Screen	15
1.39	TPP/Menu/Prefs/Colors	15
1.40	TPP/Menu/Prefs/Font	15
1.41	TPP/Menu/Prefs/Keymap	16
1.42	TPP/Menu/Prefs/Menu	16
1.43	TPP/Menu/Prefs/Macros	16
1.44	TPP/Menu/Prefs/TeX-Paths	16
1.45	TPP/Menu/Prefs/RightEdge	17
1.46	TPP/Menu/Prefs/Left Edge	17
1.47	TPP/Menu/Prefs/Indent Block	17
1.48	TPP/Menu/Prefs/Page Length	17
1.49	TPP/Menu/Prefs/Auto-Save	17
1.50	TPP/Menu/Style	18
1.51	TPP/Menu/Style/Style	18
1.52	TPP/Menu/Style/Justify	18
1.53	TPP/Menu/Style/Colors	18
1.54	TPP/Menu/Find	18
1.55	TPP/Menu/Find/Find	18
1.56	TPP/Menu/Replace/Replace	19
1.57	TPP/Menu/TeX	19
1.58	TPP/Menu/TeX/Letter	19
1.59	TPP/Menu/TeX/Book	20
1.60	TPP/Menu/TeX/Global	22
1.61	TPP/Menu/TeX/LaTeX	23
1.62	TPP/Menu/TeX/User	25
1.63	TPP/Menu/TeX/Mailmerge	26
1.64	TPP/Menu/TeX/MM-Mark	27
1.65	TPP/Menu/TeX/Table	27
1.66	TPP/Menu/TeX/Graphics	28
1.67	TPP/Menu/Extras	28
1.68	TPP/Menu/Extras/Files	29

1.69	TPP/Menus/Extras/Undo	29
1.70	TPP/Menus/Extras/Date	29
1.71	TPP/Menus/Extras/SetMark	29
1.72	TPP/Menus/Extras/GoToMark	29
1.73	TPP/Menus/Extras/Go to	29
1.74	TPP/Menus/Extras/Go to line x	30
1.75	TPP/Menus/Extern	30
1.76	TPP/Creating documents	30
1.77	TPP/ARexx-Port	31
1.78	TPP/ARexx-Port/The ARexx-Port of TPP	31
1.79	TPP/ARexx-Port/ARexx-Returncodes	32
1.80	TPP/ARexx-Port/ARexx-Commands	32
1.81	TPP/ARexx-Port/ARexx-Commands/Activate	34
1.82	TPP/ARexx-Port/ARexx-Commands/Append	34
1.83	TPP/ARexx-Port/ARexx-Commands/AutoDivMode	35
1.84	TPP/ARexx-Port/ARexx-Commands/AutoSave	35
1.85	TPP/ARexx-Port/ARexx-Commands/BackTab	35
1.86	TPP/ARexx-Port/ARexx-Commands/BackUpMode	36
1.87	TPP/ARexx-Port/ARexx-Commands/BBottom	36
1.88	TPP/ARexx-Port/ARexx-Commands/BCopy	36
1.89	TPP/ARexx-Port/ARexx-Commands/BCopyTmp	36
1.90	TPP/ARexx-Port/ARexx-Commands/BDelBackTab	37
1.91	TPP/ARexx-Port/ARexx-Commands/BDelete	37
1.92	TPP/ARexx-Port/ARexx-Commands/BIndent	37
1.93	TPP/ARexx-Port/ARexx-Commands/BInsTab	37
1.94	TPP/ARexx-Port/ARexx-Commands/BLeft	38
1.95	TPP/ARexx-Port/ARexx-Commands/BLoad	38
1.96	TPP/ARexx-Port/ARexx-Commands/Block	38
1.97	TPP/ARexx-Port/ARexx-Commands/BMode	39
1.98	TPP/ARexx-Port/ARexx-Commands/BMove	39
1.99	TPP/ARexx-Port/ARexx-Commands/Bottom	39
1.100	TPP/ARexx-Port/ARexx-Commands/BPaste	39
1.101	TPP/ARexx-Port/ARexx-Commands/BRight	40
1.102	TPP/ARexx-Port/ARexx-Commands/BS	40
1.103	TPP/ARexx-Port/ARexx-Commands/BSave	40
1.104	TPP/ARexx-Port/ARexx-Commands/BTop	41
1.105	TPP/ARexx-Port/ARexx-Commands/CallMacro	41
1.106	TPP/ARexx-Port/ARexx-Commands/Casesensitive	41
1.107	TPP/ARexx-Port/ARexx-Commands/ChFilename	41

1.108TPP/ARexx-Port/ARexx-Commands/Clear	42
1.109TPP/ARexx-Port/ARexx-Commands/ClearTab	42
1.110TPP/ARexx-Port/ARexx-Commands/ClearTabs	42
1.111TPP/ARexx-Port/ARexx-Commands/Clock	42
1.112TPP/ARexx-Port/ARexx-Commands/ClipCopy	43
1.113TPP/ARexx-Port/ARexx-Commands/ClipCut	43
1.114TPP/ARexx-Port/ARexx-Commands/ClipPaste	43
1.115TPP/ARexx-Port/ARexx-Commands/Color	44
1.116TPP/ARexx-Port/ARexx-Commands/Continuous	44
1.117TPP/ARexx-Port/ARexx-Commands/CR	44
1.118TPP/ARexx-Port/ARexx-Commands/DelBackTab	45
1.119TPP/ARexx-Port/ARexx-Commands/Del	45
1.120TPP/ARexx-Port/ARexx-Commands/DelLeft	45
1.121TPP/ARexx-Port/ARexx-Commands/DelLine	45
1.122TPP/ARexx-Port/ARexx-Commands/DelRight	46
1.123TPP/ARexx-Port/ARexx-Commands/DelSpace	46
1.124TPP/ARexx-Port/ARexx-Commands/Display	46
1.125TPP/ARexx-Port/ARexx-Commands/Down	46
1.126TPP/ARexx-Port/ARexx-Commands/Execute	47
1.127TPP/ARexx-Port/ARexx-Commands/Find	47
1.128TPP/ARexx-Port/ARexx-Commands/First	47
1.129TPP/ARexx-Port/ARexx-Commands/GetChar	47
1.130TPP/ARexx-Port/ARexx-Commands/GetColumn	48
1.131TPP/ARexx-Port/ARexx-Commands/GetFontHeight	48
1.132TPP/ARexx-Port/ARexx-Commands/GetLine	48
1.133TPP/ARexx-Port/ARexx-Commands/GetName	49
1.134TPP/ARexx-Port/ARexx-Commands/GetScreenLeftEdge	49
1.135TPP/ARexx-Port/ARexx-Commands/GetScreenTopEdge	49
1.136TPP/ARexx-Port/ARexx-Commands/GetScreenHeight	49
1.137TPP/ARexx-Port/ARexx-Commands/GetScreenWidth	50
1.138TPP/ARexx-Port/ARexx-Commands/GetScreenName	50
1.139TPP/ARexx-Port/ARexx-Commands/GetString	50
1.140TPP/ARexx-Port/ARexx-Commands/GetWindowLeftEdge	51
1.141TPP/ARexx-Port/ARexx-Commands/GetWindowTopEdge	51
1.142TPP/ARexx-Port/ARexx-Commands/GetWindowWidth	51
1.143TPP/ARexx-Port/ARexx-Commands/GetWindowHeight	51
1.144TPP/ARexx-Port/ARexx-Commands/GetWord}	52
1.145TPP/ARexx-Port/ARexx-Commands/GoTo	52
1.146TPP/ARexx-Port/ARexx-Commands/GoToLine	52

1.147TPP/ARexx-Port/ARexx-Commands/GoToMark	53
1.148TPP/ARexx-Port/ARexx-Commands/Iconify	53
1.149TPP/ARexx-Port/ARexx-Commands/InsertDate	53
1.150TPP/ARexx-Port/ARexx-Commands/InsertMode	53
1.151TPP/ARexx-Port/ARexx-Commands/InsTab	54
1.152TPP/ARexx-Port/ARexx-Commands/IsWord	54
1.153TPP/ARexx-Port/ARexx-Commands/Justify	54
1.154TPP/ARexx-Port/ARexx-Commands/Last	55
1.155TPP/ARexx-Port/ARexx-Commands/Left	55
1.156TPP/ARexx-Port/ARexx-Commands/LeftEdge	55
1.157TPP/ARexx-Port/ARexx-Commands/LetterMode	55
1.158TPP/ARexx-Port/ARexx-Commands/Load	56
1.159TPP/ARexx-Port/ARexx-Commands/MoveWindow	56
1.160TPP/ARexx-Port/ARexx-Commands/NewWindow	56
1.161TPP/ARexx-Port/ARexx-Commands/Next	57
1.162TPP/ARexx-Port/ARexx-Commands/NextR	57
1.163TPP/ARexx-Port/ARexx-Commands/PageDown	57
1.164TPP/ARexx-Port/ARexx-Commands/PageLength	58
1.165TPP/ARexx-Port/ARexx-Commands/PageUp	58
1.166TPP/ARexx-Port/ARexx-Commands/Prev	58
1.167TPP/ARexx-Port/ARexx-Commands/PrevR	59
1.168TPP/ARexx-Port/ARexx-Commands/Replace	59
1.169TPP/ARexx-Port/ARexx-Commands/Quit	59
1.170TPP/ARexx-Port/ARexx-Commands/RequestInt	60
1.171TPP/ARexx-Port/ARexx-Commands/RequestString	60
1.172TPP/ARexx-Port/ARexx-Commands/Right	61
1.173TPP/ARexx-Port/ARexx-Commands/RightEdge	61
1.174TPP/ARexx-Port/ARexx-Commands/RX	61
1.175TPP/ARexx-Port/ARexx-Commands/Save	61
1.176TPP/ARexx-Port/ARexx-Commands/SaveAndQuit	62
1.177TPP/ARexx-Port/ARexx-Commands/ScreenBottom	62
1.178TPP/ARexx-Port/ARexx-Commands/ScreenDown	62
1.179TPP/ARexx-Port/ARexx-Commands/ScreenToBack}	63
1.180TPP/ARexx-Port/ARexx-Commands/ScreenToFront	63
1.181TPP/ARexx-Port/ARexx-Commands/ScreenTop	63
1.182TPP/ARexx-Port/ARexx-Commands/ScreenUp}	64
1.183TPP/ARexx-Port/ARexx-Commands/SetColors	64
1.184TPP/ARexx-Port/ARexx-Commands/SetFont	64
1.185TPP/ARexx-Port/ARexx-Commands/SetMark	64

1.186	TPP/ARexx-Port/ARexx-Commands/SetTab	65
1.187	TPP/ARexx-Port/ARexx-Commands/SizeWindow	65
1.188	TPP/ARexx-Port/ARexx-Commands/Style	65
1.189	TPP/ARexx-Port/ARexx-Commands/Tab	65
1.190	TPP/ARexx-Port/ARexx-Commands/Top	66
1.191	TPP/ARexx-Port/ARexx-Commands/ToMouse	66
1.192	TPP/ARexx-Port/ARexx-Commands/Type	66
1.193	TPP/ARexx-Port/ARexx-Commands/UnBlock	67
1.194	TPP/ARexx-Port/ARexx-Commands/Undo	67
1.195	TPP/ARexx-Port/ARexx-Commands/UndoDelLine	67
1.196	TPP/ARexx-Port/ARexx-Commands/Up	67
1.197	TPP/ARexx-Port/ARexx-Commands/WDelLeft	68
1.198	TPP/ARexx-Port/ARexx-Commands/WDelRight	68
1.199	TPP/ARexx-Port/ARexx-Commands/WindowToBack	68
1.200	TPP/ARexx-Port/ARexx-Commands/WindowToFront	68
1.201	TPP/ARexx-Port/ARexx-Commands/WLeft	69
1.202	TPP/ARexx-Port/ARexx-Commands/WRight	69
1.203	TPP/Keymap	69
1.204	TPP/The printer.device Escape-Sequences	70
1.205	TPP/Bibliography	72

Chapter 1

TPP

1.1 TPP Help

TeXt Plus Professional V5.00

Preface
Copyright
Acknowledgments
Installation
Menus
Creating documents
ARexx-Port
The Escape-Sequences of the printer.device
Keymap
Bibliography

1.2 TPP/Preface

TeXt Plus Professional
V5.00
© 1988-1994
Martin Steppler

TPP is a TeX-frontend word processor, i. e. with the help of TPP you can create TeX-documents without having to know anything about TeX. The professional typesetting program TeX is the product of more than ten years of work of Donald E. Knuth, professor at Stanford University, California.

What are the pros and cons of using TeX?

If you want to create documents that distinguish themselves by a flippy design including flashy graphics, you are better advised to look out for a desktop publishing program. But if you intend to create well structured texts, beautiful letters, or scientific publications, TeX is the state of the art.

A great disadvantage has prevented so far the spreading of TeX: It is very complicated. You rather have to program a text than to write it.

This is exactly where TPP starts to work. Now a document can be created as follows:

- First, you load a form sheet (e. g. a letter form sheet). Within this form sheet several keywords are located, which determine the document's structure. WYSIWYGFootnoteWhat You See Is What You GetEnd is almost totally renounced, due to the fact that you only have to care for the proper content and not for the automatically generated design of your document.
- After having filled out the form sheet, the text is parsed and compiled. First, TPP creates a TeX\TeX End-file and after that TeX\TeX\ End compiles this file.
- The final product of these two compilations is a DVI (DeViceIndependant)-file, which you are then able to preview or print.

So the great disadvantage of TeX has hopefully been reduced to a minimum.

Aachen, January 1994

Martin Steppler

1.3 TPP/Copyright

TeXt Plus Professional software and documentation are Copyright © 1988-1994 by Martin Steppler. No part of the software or documentation may be reproduced, transmitted into other languages, posted to a network, or distributed in any way without the express written permission of the author.

This product comes along 'as is' with no representation of fitness for any particular purpose. The user assumes all risks and responsibilities related to its use. The material within is believed to be accurate, but the author reserves the right to make changes to the software or documentation without notice.

TeXt Plus Professional V4.10 is shareware, i. e. if you use TPP regularly you should send me a donation (DM 50/\$ 30/£ 20). Updates from V2.xx to V5.00 cost DM 30/\$ 20/£ 12 and from V3.xx to V5.00 DM 20/\$ 10/£ 8. Updates from V4.xx to V5.00 are free.

Registered users get the latest version of TPP and a keyfile in order to prevent the nerve-racking requester from popping up. If you have access to e-mail, you can send me your PGP-key, which I will use to return an encrypted keyfile to you. PGP can be obtained from aminet. You can also find the latest version of TPP on aminet.

To all pd-distributors:

TPP with the nerve-racking requester may be distributed by everybody, without by none. The price should not exceed a reasonable fee.

The nerve-racking requester has been implemented in order to make it easier for you to decide whether to send the share or not.

Send your share, bug-reports, etc. to:

Address Martin Steppler
 Roermonder Str. 112a/69
 D-52072 Aachen
 Fed. Rep. of Germany

Net addresses InterNet: steppler@pool.informatik.rwth-aachen.de
 FidoNet: Martin Steppler @ 2:242/7.12

TeXt Plus Professional was developed on an Amiga 3000 with 10 MB RAM, a 240 MB harddisk, and a HP LaserJet 4L using Matt Dillon's DICE C compiler.

1.4 TPP/Acknowledgements

Besides Donald Knuth and Leslie Lamport I would like to thank in particular Georg Hessmann (PasTeX), Nico François (reqtools.library, powerpacker.library), Christian Rank (NICETeX\TeX End), Rainer Sengerling (dinbrief.sty) and my beta-testers Jens Aperdannier, Markus Baumeister, Stephan Kohler, Dirk Ludwig, Gregor Mauer, Johannes Maybaum, Karl Skibinski and Martin Ziemer.

Finally, I want to thank Konrad Neuwirth, the distributor of AmigaTeX for Germany and Austria, for sending me a copy of AmigaTeX and Markus Erlmeier, the Amiga Site Coordinator of DANTE, for getting me in contact with Mr. Neuwirth.

1.5 TPP/Installation

In order to run TPP correctly in cooperation with PasTeX or AmigaTeX, you need:

- AmigaOS 2.04 (V37 or higher)
- at least 2 MB RAM
- at least 10 MB harddisk space
- PasTeX V1.3 or higher incl. NICETeX. The distribution of PasTeX contains the macro package NICETeX.
 Or AmigaTeX of Radical Eye Software.
- LaTeX (25th March 1992). The files needed by TPP are part of the distribution.

Double clicking the icon of the installation script is all you have to do to install TPP. PasTeX or AmigaTeX must have been installed before the installation of TPP, if you want to use TPP in combination with TeX.

TPP can be invoked from either Workbench by double clicking the respective icon or from CLI.

CLI usage is as follows:

TPP I=ICONIFY/S,C=CONFIG/K,M=MENUS/K,K=KEYS/K,MACROS/K,FILES/M

Parameter	Description
ICONIFY	open TPP iconified
CONFIG <file>	configuration file
MENUS <file>	menus configuration file
KEYS <file>	keymap configuration file
MACROS <file>	macros configuration file
FILES	files to be loaded

Up to ten filenames may be passed to TPP. The parameters can also be specified as tooltypes of an icon. When invoking TPP you should use the loader TPP:TPP, which notifies the server TPP:TeXtPlusProfessional or starts it, if it is not already running.

1.6 TPP/Menu

Project
Block
Prefs
Style
Find
TeX
Extras
Extern

1.7 TPP/Menu/Project

Load
Append File
New Window
Load & New Window
Load Configuration
Delete File
Save
Save as
Save & Quit
Save Configuration
Compile
Preview
Print
Iconify
Help
About
Quit

1.8 TPP/Menu/Project/Load

After clicking on this menuitem a `filerequester` pops up, the current function of which – here: `'Load file'` – is displayed in the window-titlebar. The selector is completely dynamic and asynchronous; you may change directories, select files, scroll the file list, etc., while the selector is scanning a directory.

After a file has been chosen, TPP loads it and recognizes automatically if the file is a packed file (`PowerPacker`), or a plain ASCII-file, if it contains ANSI-control-sequences or if it is a TPP-letter (suffix: `'.tpp'`). TPP-letters of older versions (suffix `'.txp'`) can still be loaded, too. Multiselection is fully supported, so if you select more than one file in the `filerequester`, iconified windows are opened on the TPP-screen according to the number of selected files.

If you try to overwrite a modified file, a security-requester will pop up asking you to confirm your decision. The keymap equivalents of the OKAY and the STOP gadget of this and all other requesters are the Return key (OKAY) and Esc (STOP).

1.9 TPP/Menus/Project/Append File

A file is appended to the end of the already existing file. If you want to insert a file at the cursor's current position, you've got to load a block. (see also Load Block).

1.10 TPP/Menus/Project/New Window

If sufficient memory is available, a new window is opened. The tabulators, the text-width etc. of the old window are used in the new one, too. TextPlus is able to handle up to 10 windows at the same time.

1.11 TPP/Menus/Project/Load & New Window

The commands of the items `'Load'` (see also Load) and `'New Window'` (see also New Window) are executed.

1.12 TPP/Menus/Project/Load Configuration

If you want to reset the settings of TPP to those defined in a configuration-file, you only have to choose this menuitem.

1.13 TPP/Menus/Project/Delete File

The current file is deleted in memory.

1.14 TPP/Menu/Project/Save

The current file is saved under its current filename. The letter-mode determines the format of the saved file. If it is set to ASCII, a plain ASCII-file without any control-sequence is saved, if it is set to ANSI, control-sequences for changes in style or color are saved with the file according to the ANSI-standard. Such files can be loaded by every ANSI-compatible editor or text-display program, e.g. 'MuchMore'. If the letter-mode is set to LETter, the tabulators, the text-width etc. are saved with the file. The suffix '.tpp' is added to such files.

1.15 TPP/Menu/Project/Save As

After a filename has been chosen, it is saved as described above (Save).

1.16 TPP/Menu/Project/Save & Quit

The commands of the items 'Save' (see also Save) and 'Quit' (see also Quit) are carried out.

1.17 TPP/Menu/Project/Save Configuration

The global settings of TPP are saved to a configuration-file.

1.18 TPP/Menu/Project/Compile

The gadgets of the compile window have the following meaning:

If 'Parse' is selected, the internal compiler of TPP translates the text of the active window. After that, or if 'Parse' has not been selected, the TeX-compiler is invoked according to the TeX-paths definitions (see also Tex-Paths). When the internal compiler of TPP is invoked, the document-style (letter, article or book) is deduced from the keyword at the beginning of the text. Furthermore the font-height of the document can be defined. Otherwise the user must explicitly define the format. The compilation can be aborted by pressing Ctrl-C in the log-window. If no log-window was opened, you have to wait until the compiler terminates. If the switch 'Mailmerge' is set, data from a mailmerge-database (see also Mailmerge) is inserted into the text at compile time.

1.19 TPP/Menu/Project/Preview

If the Amiga implementation of TeX of your choice is PasTeX, then Georg Hessmann's previewer 'ShowDVI' is invoked. If you wish, the compiler is run before the ShowDVI is invoked. All the other switches have the same meaning as described under Print.

If ShowDVI is already running in the background, the ARexx-script 'TPP:rexx/UpdateShowDVI.tpl' is invoked.

If you choose AmigaTeX, Radical Eye Software's previewer is started. If Preview is already running in the background, the ARexx-script 'TPP:rexx/UpdatePreview.tpl' is invoked.

1.20 TPP/Menus/Project/Print

The miscellaneous gadgets have the following meaning:

From, To Page	From and to which page is to be printed?
Copies	How often should the document be printed? PasTeX only.
Type	Are only pages with even or odd numbers to be printed, or should TPP not distinguish between odd and even pages? PasTeX only.
HOffset, VOffset	Set the horizontal and vertical offset of the print-out. PasTeX only.
Reverse	The pages are printed in reverse order.
Output	Is the document to be printed or should the output be redirected to a file? Furthermore, the output can be send to an IFF- or a postscript-file. For Postscript output you need DVIPS in addition to PasTeX.
Async	New since 4.10. With the help of this switch you can decide whether you intend to print asynchronously, i.e. in the background, or not. When printing asynchronously, you can only presume working with TPP after the print-out has been finished. The Async-gadget is ignored, if the user selected the mailmerge option or multiple copies (number of copies >= 2). When printing asynchronously, the print-out cannot be canceled from within the TPP-environment.
Date	New since 4.10. If you know, how the Unix-utility 'Make' works, then you already know the meaning of this gadget. Why should you use this switch? Normally, you print out a text not before you have previewed it. If you do not change the settings of the print-requester, after having finished previewing, the whole text will once again be compiled by TPP and TeX. In case of long text-files, this can lead to annoying waiting periods. In order to prevent this you could switch off compiling and parsing. But you

would have to switch compiling and parsing on again, before the next print-out/previewing. A more elegant method takes into account the dates of creation of all files that are part of the compiling-printing/previewing-process: If the file of the active window has been modified ('(modified)' appears in the window-titlebar), it is saved before the compilations takes place. Depending on the date entries of the TPP-file (suffix '.tpp') and the TeX-file (suffix '.tex') TPP compiles the TPP-file, if it is the younger one or if the TeX-file does not exist at all. Following the same scheme the TeX-compiler is invoked, if the TeX-file is younger than the dvifile (suffix '.dvi'). After this either printing or previewing follows. If the dvifile is younger than the TPP-file and the TeX-file, parsing and compiling are skipped and printing or previewing is started immediately. TPP behaves as described above, if the date-gadget is switched on.

Options

Since 4.10 you can directly send a file to the printer.device, in order to print it out using the printer-driver you set with the help of the respective prefs-program. Of course, you do not need PasTeX for this.

Depending on the setting of the gadget 'Output' a requester pops up. It contains the following gadgets, if 'Output' is not set to 'PRT:' (PasTeX only):

Printer	After scanning the configuration-file 'TeX:config/DVIprint.printers', the available printer-drivers are displayed. If you want to use the Preferences printer-driver, you have to select the driver 'generic'.
FontMem	What size shall the font memory of ShowDVI/DVIprint have?
Density	If you print via a Preferences driver, the quality of the print-out is normally set in Preferences. This option provides a way to override the preferences-setting (density).
FontDir	In which additional directory should font-libraries and pk-fonts be searched for?
Resolution	Sets the resolution of the bitmap, if the output is redirected to an IFF-file. The resolution can be defined in two ways: You either specify a number or the sequence number - slash - number. In the first case the horizontal and the vertical resolution are set at the same time. In the second case the first number is interpreted as the horizontal resolution and the second as the vertical resolution, e.g. 120/72.
ShowDVI-Log	Is ShowDVI to create a logfile and what is the name of it?

DVIprint-Log	Is DVIprint to create a logfile and what is the name of it?
Optimize	Should the print-out be optimized? This may enhance the speed of your printer.
Fast	Sets a flag in the printer.device. When set, the speed of the parallel port is increased significantly. If you do not print via the printer.device, then this switch is of no interest for you.
Draft	Sets the quality of the print-out. If you want to print a document just to see what comes out of the printer, this switch might be useful, because the minor quality of the print-out plays an inferior role.
Unidirect.	Is the printer to print uni- or bidirectionally? Bidirectional printing might be faster, but take into account that the quality of the print-out worsens in most of the times.
Landscape	The print-out is rotated by 90 degrees.
Physical	New since 5.00. The physical order of the pages within the dvi-file is respected during the print-out. This is why every page has its own unique number.
No FormFeed	Is the output of a form-feed to be suppressed at the end of the last page?
Preload	All fonts are loaded into memory at the beginning of the print-out, and not when they are needed.
Statistic	A more detailed logfile is created.
Debug	New since 5.00. The logfile is closed after every write access.
Mark	New since 5.00. All used fonts are marked.
SpecialHost	Is SpecialHost to be invoked before the printing starts? If the text to be printed contains IFF-graphics, this switch must be set. SpecialHost calculates the new dimensions of the graphics for DVIprint (see also Graphics).

If the gadget 'Output' is set to 'PRT:', the text of the active window is sent to the printer.device. The following gadgets of the options-requester control the print-out:

Pitch	You can select one of four pitches. Do not conceive the given pitches as unchangeable. Escape-sequences may be changed at any time and can be saved along with the configuration. The labels 'NLQ', 'Normal', 'Elite', and 'Condensed' are only used as memo-strings and do not affect the print-out. It has to be pointed out, that you only may use escape-sequences which are understood by the
-------	--

printer.device. These are not necessarily identical to those mentioned in your printer manual. The escape-sequences of the printer.device are listed in the appendix. Unfortunately, the printer.device does not support all facilities a plenty of printers offer.

What has to be done, if you want to print in a pitch the printer.device does not support?

Fortunately, you can send raw, i.e. unprocessed, data via the printer.device to your printer. This is done by the escape-sequence '27/91/n/34/114', where n is the number of raw data. Let's say your printer manual states that the sequence '27/40/115/50/48/72/27/40/115/52/49/48/49/84' switches on printing in courier (20cpi). The number of raw data is 14. This is why you have to send '49/52' as n to your printer, because 49 is the ASCII-code of 1 and 52 the one of 4. The total sequence reads now: '27/91/49/52/34/114/27/40/115/50/48/72/27/40/115/52/49/48/49/84'. This sequence was found in the printer manual of the HP DeskJet 500.

Init String	If you want to send some data to the printer before the print-out, you can enter it here.
Left/Right Margin	The left and the right margin are set according to the content of these gadgets.
Pagenumbering	All pages are numbered automatically during the print-out.
Linenumbering	Every line is numbered automatically during the print-out.
Proportional	The file is printed with a proportional character set.
FormFeed	If set, then the output of a form-feed is not suppressed at the end of the last page.
Color 1-4 On/Off	TPP is not a WYSIWYG (What You See Is What You Get) word processor. If you want to use other fonts, pitches etc., you have to mark the respective text in one of the four available colors. When encountering the beginning or the end of such a text during the print-out, TPP sends either the on- or off-sequence of the respective color to the printer.device. You may only use sequences, the printer.device understands, as mentioned in subsection 'Pitch'.

Printing can be aborted by pressing Ctrl-C in the log-window.

1.21 TPP/Menus/Project/Iconify

The current window is iconified and opened on either the Workbench or the TPP-screen. The latter takes place if there is at least one uniconified

window besides the current one left over on the TPP-screen. Closing down the TPP-screen is very useful for memory hungry multitaskers, because lots of memory is returned to the system.

Clicking the menu-button uniconifies the active window. If the TPP-screen is closed, you can also return to it by pressing the hotkey. Default values are Left + Right Amiga and Y (see also Hotkey).

After iconifying the last window, an appicon is placed on the Workbench. By double-clicking this icon you get back to TPP.

1.22 TPP/Menus/Project/Help

If AmigaGuide is installed and the documentation of TPP is located within the AmigaGuide search-path, online hypertext-documentation is available on a single keystroke. Otherwise the keymap of TPP is displayed.

1.23 TPP/Menus/Project/About

Informations about the author.

1.24 TPP/Menus/Project/Quit

The active window is closed and, if this window was the last open one, TPP quits. If the text of the active window has been modified in any way, a security requester pops up and asks the user to confirm his decision.

1.25 TPP/Menus/Block

Mark
Copy
Move
Paste
Delete
Load
Save
Delete Mark
Copy to TmpFile
Clipboard

1.26 TPP/Menus/Block/Mark

Depending on the mark-mode a block can be marked LINewise, WORDwise or BLOCKwise. The marked characters are displayed in reversed colors. The state of the block-mode, which can be left by invoking 'Delete marks' or 'Delete block', is indicated by the button 'BLO' above the ruler. A block can also be marked by moving the mouse while holding down the left mouse button.

1.27 TPP/Menus/Block/Copy

The marked block is inserted into the text at the cursor's current position. You can also copy a block by doubleclicking the left mouse button.

1.28 TPP/Menus/Block/Move

The marked block is moved to the cursor's current position.
(mouse equivalent: ctrl-doubleclick)

1.29 TPP/Menus/Block/Paste

The marked block is pasted to the cursor's current position. The difference between 'Copy' and 'Paste' is that 'Copy' inserts the block into the text and 'Paste' pastes over the text.

1.30 TPP/Menus/Block/Delete

The marked block is deleted. (shift-doubleclick)

1.31 TPP/Menus/Block/Load

A normal file is inserted into the text at the current position of the cursor. The way the file is inserted depends on the mark-mode.

1.32 TPP/Menus/Block/SaveBlock

The marked block is saved to disk.

1.33 TPP/Menus/Block/Delete Mark

The block markers are deleted for the current window. (alt-doubleclick)

1.34 TPP/Menus/Block/Copy To TmpFile

If a block is marked, it is saved to disk. The name of this block is set in Prefs/Prefs. If no block is marked 'TP.tmp' is loaded and inserted into the text depending on the mark-mode. This is an easy way to exchange blocks between windows.

1.35 TPP/Menus/Block/Clipboard

Copy	The current block is copied as IFF-data to the clipboard.
Cut	The current block is copied as IFF-data to the clipboard and after this deleted.
Paste	If the clipboard contains usable data, it is loaded as a block to the current position of the cursor.

1.36 TPP/Menus/Prefs

Prefs
 Screen
 Colors
 Font
 Keymap
 Menus
 Macros
 TeX-Paths
 Right Edge
 Left Edge
 Indent Block
 Page Length
 Auto-Save

1.37 TPP/Menus/Prefs/Prefs

The meaning of the gadgets is as follows:

Write	The insert-mode is either switched on or off. If switched on, it is indicated by the word 'INS' above the ruler. Characters are inserted in the already existing text and do not overwrite the text.
Format	The letter-mode is set to LETter, ANSi, or ASCii. Its only purpose is to determine how a file is to be saved. (see also Save).
Mark Mode	You can choose whether you want to mark blocks WORDwise, LINewise or BLocKwise. (see also Mark link Mark}).

TeX	Choose the Amiga implementation of TeX, you want to work with.
Auto-Div-Mode	<p>TPP was originally designed to be a German word-processor. Due to the occurrence of ultra-long words in German a function called Auto-Div which divides ultra-long words in accordance with German grammar has been provided in order to decrease the number of ultra-long gaps in the text. Auto-Div divides English words in accordance with German grammar, too. This is why you better keep it switched off. If Auto-Div is switched on and if a block is marked and then formatted (left/right-aligned, centered, justification), words which are too long for the respective line are divided in order to avoid large gaps. Auto-Div is not perfect. This is why you should always check the division. Words divided by TPP end with this dash ' ' (ASCII 173) and only this dash is accepted by TPP as indicator for a division in case of reformatting.</p> <p>Due to the fact that TeX also hyphenates automatically, this function is only interesting, if you process texts that are not going to be run through the TeX compiler.</p>
Backup	If switched on, TPP checks the disk for the same filename you want to save. Providing the file exists, the suffix '.bak' is added to this file in order to protect it from being overwritten.
Save Icon	Should TPP attach an icon to the file when saving?
Space Tabs	When saving eight spaces are replaced by one tab. You can dramatically reduce the size of your file with this option.
Smart <CR>	When hitting return the cursor is either moved to the first column of the following line (off) or under the beginning of the preceding line (on).
Tmp-File	Name of the temporary file, that is used by block operations. (see also Copy To TmpFile CopyToTmpFile}).
FReq-Path	Which path is to be the default path of the file-requester of TPP? A single dot ('.') means, that the current directory of the invoking process is to be used.
FReq-Pattern	What pattern shall be used as a filter in the file-requester?
Hotkey	Which hotkeys should reopen iconified windows? (see also Iconify)

The syntax of a hotkey is as follows:

[<qualifier> [<qualifier>...]] <key>

Qualifiers

alt	both Alt keys
ralt	right Alt key
lalt	left Alt key
shift	both Shift keys
rshift	right Shift key
lshift	left Shift key
capslock	Caps Lock key
rcommand	right Amiga key
lcommand	left Amiga-key
control	Control key
numericpad	enables the use of a key of the numeric pad

Keys

a .. z, 0 .. 9, etc.	normal keys
f1 .. f10	function keys
up, down, left, right	Cursor keys
help	Help key
del	Delete key
return	Return key
enter	Enter key (must be combined with 'numericpad')
backspace	Backspace key
esc	Escape key
space	Space key
comma	Comma key
upstroke	Upstroke key

Examples

```
lcommand rcommand y
lalt ralt enter
alt x
```

Clock With the help of the switches 'Clock', 'Time', 'Date', 'Memory' and 'Reverse' you are able to define the design of the clock.

1.38 TPP/Menus/Prefs/Screen

Choose your favorite monitor type and the desired resolution of your screen. Furthermore, you can decide, whether TPP is to run on the Workbench or any other public screen.

1.39 TPP/Menus/Prefs/Colors

The colors of the screen are to be set to which values?

1.40 TPP/Menus/Prefs/Font

This function enables you to define the font of the text-field. This font has no meaning for the print-out.

1.41 TPP/Menus/Prefs/Keymap

New since 5.00. An internal command, an internal macro, a TPP-ARexx-command, or an ARexx-macro can be mapped to whatever key combination you like (key plus qualifier, i. e. Ctrl, Shift and/or Alt). In order to tell the system which keys you want to be mapped to a certain function, press the Record button and then enter the respective key combination. If not specified otherwise, TPP looks as a default for the configuration file TPP:Config/language/TPP.keys.

1.42 TPP/Menus/Prefs/Menu

New since 5.00. A menu structure consisting of menus, menuitems and subitems can freely be defined, whereas once again an internal command, an internal macro, a TPP-ARexx-command, or an ARexx-macro can be mapped to every menuitem or subitem. If not specified otherwise, TPP looks as a default for the configuration file TPP:Config/language/TPP.menu.

1.43 TPP/Menus/Prefs/Macros

New since 5.00. If you intend to automate a certain process, but do not want to spend the time needed for creating an ARexx-macro, this function is ideal for you. After having pressed the Record button, TPP from now on protocols all key pressings and menu selections until the menuitem Macros is reselected. All key pressings and menu selections are compiled to a single macro, which you can now give a name. After this you can map this macro to a key or a menuitem and thus invoke it. If not specified otherwise, TPP looks as a default for the configuration file TPP:Config/TPP.macros.

1.44 TPP/Menus/Prefs/TeX-Paths

Where are all the needed TeX binaries located? If PasTeX End is installed correctly, you do not have to change anything here. For every document-type TPP provides two alternatives to invoke the compiler; this was implemented in order to easily, for example, switch from the German LaTeX Ende version to the American one when compiling a letter.

If a document is to be compiled by TPP's internal compiler, TPP acts as follows:

First, the selected table of special characters is loaded. Every character of the respective document is checked whether it is included in the table, i. e. whether it has to be translated into TeX-specific syntax. Furthermore, an '.parse'-file is read in before the compilation. The instructions specified

in this file define the main frame of the '.tex'-file that is created by TPP. The '.parse'-files may freely be changed while, of course, obeying to the rules stated in the files in more detail. Therefore the macros and TeX-styles which are part of the TPP distribution are not meant to be unchangeable but to be an invitation to create your own macros and to design your own documents. If you want to change the '.parse'-files, you should at least be a TeXpert, to whom the TeXbook [1] is not unknown. The normal 'power-user' should fully be satisfied by the included macros.

1.45 TPP/Menus/Prefs/RightEdge

The right edge must range between 10 and 255. If a block has been marked, it is formatted according to the new width. Reformatting requires the mark-mode to be set to LINewise.

1.46 TPP/Menus/Prefs/Left Edge

The left edge must range between 1 and 145. If a block has been marked, it is formatted according to the new left edge, provided the mark-mode is set to LINewise.

1.47 TPP/Menus/Prefs/Indent Block

If a block is formatted, its first line is indented automatically by the number of columns entered into the 'Indent Block' integer gadget. The indentation value must range between 0 and the half of the text-width.

1.48 TPP/Menus/Prefs/Page Length

The page length must range within 10 and 255.

1.49 TPP/Menus/Prefs/Auto-Save

Whenever the time interval elapses (0 to 60 minutes, 0 = OFF), the respective file is saved automatically under its current name.

If Auto-Save is switched on, it is displayed above the ruler (highlighted 'ASA'). Auto-Save might be switched on in every window using different time intervals. Both Auto-Save and the clock need the TeXtPlus-Handler in order to work properly.

1.50 TPP/Menus/Style

Style
Justify
Colors

1.51 TPP/Menus/Style/Style

You can set the style to either normal, underlined, bold or italic. If a block has been marked, it is displayed in the new style.

1.52 TPP/Menus/Style/Justify

The current line is formatted according to the new alignment, or if a block has been marked, the block is formatted provided that the mark-mode is set to LINewise. All comands of this submenu have no effect on the printout.

1.53 TPP/Menus/Style/Colors

The drawing color is set to type 1, 2, 3, 4 or normal. If a block has been marked, it is displayed in the new color.

Color 1, 2 and 3 have a special meaning:

Color one is reserved for keywords only, whereas text marked in color 2 appears in the print-out in typewriter-style. Text marked in color 3 yields to a slanted print-out.

1.54 TPP/Menus/Find

Find
Replace

1.55 TPP/Menus/Find/Find

After the search pattern has been entered, TPP starts to search for it starting from the cursor's current position. If TPP finds the search string, the cursor is placed at the beginning of the respective word. Next and Prev cause TPP to search for the next/previous occurrence of the search pattern. If the casesensitive switch is on, a string is only found if it exactly matches the search pattern, e.g. if the search string is 'Gargleblaster', the string 'Gargleblaster' is found, but 'gargleblaster' is not.

1.56 TPP/Menus/Replace/Replace

If a string matches the search pattern, the user is asked whether he wants to replace it by the replace string or not. If 'Continuous' is switched on, TPP continues replacing until the end of the file.

Next and Prev cause TPP to find next/previous occurrence of the search pattern and replace it by the replace pattern.

1.57 TPP/Menus/TeX

Letter
Book
Global
LaTeX
User
Mailmerge
MM-Mark
Table
Graphics

1.58 TPP/Menus/TeX/Letter

The following keywords must only be used in a letter:

Letter	The document to be compiled is a letter. This keyword must appear at the very beginning of a document.
Businessletter	The document is a businessletter.
Sender	The sender of the letter may contain a name and five further lines.
StandardSender	This is the rather boring alternative to the normal sender, but it abides by the DIN 5008 standard.
Retouraddress	This keyword causes two folding marks and the sender's address to be set. If you use envelopes with windows this keyword is very helpful.
Address	What is the addressee's name?
YourRef	Must only be used in business-letters: Your-Ref entry of the format-line.
MyRef	Must only be used in business-letters: My-Ref entry of the format-line.
DirectDialing	Must only be used in business-letters: The part of the telephone number that precedes your number.

Telephone	Must only be used in business-letters: Your phone number.
Place	Must only be used in business-letters: Place, where the letter is written. The date is inserted automatically (dd/mm/yyyy).
Subject	What is the subject of the letter?
Opening	One line is reserved for the opening.
Closing	One line is reserved for the closing.
Signature	Specify your signature.
Enclosure	What did you enclose to the letter?
CarbonCopy	You will also read this letter?
PS	The postscriptum may contain paragraphs.
List	This keyword specifies the beginning of a twocolumn, staggered list, like the one you are already reading. The widest key of the list must appear behind the keyword 'List', in order to tell TeX how wide the left column has to be. Normally, staggered lists are used to enumerate some terms in the left column and to explain them in the other column. This can be achieved by entering the keywords Key (*) and Item (*). After Key you must specify only one word or a short sequence of words whereas the description (Item) can be longer and may contain paragraphs.
NList	A special list is the numbered list. In contrast to List the width of the left column and the keyword 'Key' must not be specified, because TeX already knows the width. Numbering starts from 1. Lists are allowed to be nested up to a depth of six lists. If lists are nested on every new level the way of numbering items changes (e. g. 1. (a) i. A.).
LEnd	A staggerd list must end with a LEnd.
Indent	The following text, which may contain paragraphs, is indented a little bit. The indentation must be closed with an End.

1.59 TPP/Menus/TeX/Book

The following keywords must only be used in a book:

Book	The document to be compiled is a book. This
------	---

keyword must appear at the very beginning of a document.

TitlePage	The keywords TitelPage, Release, Author, and Abstract define the lay-out of the title page. TitlePage allows you to specify a one line title and Release to place additional information on the title page. The Release line is a bold, centered line; this is why it must not be longer than one line. Author is reserved for the names of the author or the group of authors and may be longer than one line. Finally, you have the opportunity to write a short summary about your document and to place it as an Abstract in the lower half of the title page.
Titleline	If you do not want to waste a whole page for the title, you may use this keyword to specify one or more title lines, that may contain paragraphs.
Section	You can structure a text by using the keywords Section, SubSection, and SubSubSection. All sections are automatically numbered. Behind the sections-keywords you may specify the title of the respective section.
Contents	This keyword induces TeX to automatically create a table of contents of all sections. During the compilation the titles of all sections and their pagenumbers are written to a '.toc'-file. Due to this you have to compile a text two times in order to be absolutely sure you have the correct table of contents. Normally, you only have to do this when you completed your document. It is important to know that you do not have to care for the table of contents at all. Everything is done automatically.
Appendix	Starting from now all sections begin with a capital letter.
Box	The following text which may contain paragraphs is set in a box. End quits boxing.
Label (*)	In a longer document you cannot do without references to topics dealt with at other places but located within the same document. A place you want to refer to from somewhere else in the document is marked with the sequence 'Label name of the label End'. Usually, you want to refer to either the pagenumber ('PRef (*) name of the label End') or to the number of the respective section ('CRef (*) Name der Label End'). It is easy to understand, that doing all the references manually results in great pain, because during the creation of a document the section-numbers and even more the pagenumbers are subject of change. As

described under 'Contents', you have to compile your document two times in order to be sure that all labels are referred to correctly.

FRef	FRef is used to refer to a figure (see also Graphics) and
TRef	TRef to refer to a table. (see also Table
List	(see also Letter)
NList	(see also Letter). Here you have to specify the width of the left column. This is done by telling TeX the maximum number of ciphers to be used ('1' for max. 9, '2' for max. 99, and '3' for max. 999 items).
AList	The list is numbered alphanumerically (a), b), c) etc.). The width must not be specified.
RList	Numbering is done with small roman figures. Here, too, the width must not be specified.

1.60 TPP/Menus/TeX/Global

The following keywords may be used in any document (letter, article, book):

Article	The document to be compiled is an article. This keyword must appear at the very beginning of the document and must, of course, only appear within an article.
Begin	This keyword indicates the start of the document's main part. Begin must appear in every document and must be closed with a corresponding End.
TeX (*)	If certain TeX End instructions should be inserted unchanged into the '.tex'-file, you can accomplish this with the sequence 'TeX instructions etc. End'.
Date (*)	The current date with a full-length month-name is inserted into the text.
Today (*)	The current date in short format (dd/mm/yy) is inserted into the text.
Leftaligned	Normally, the whole text is justified as a block. If you wish to align several paragraphs to the left, just insert Leftaligned at the top of the paragraphs and End at the bottom. If only a single line has to be justified to the left, then you should use Left. Analogously, you get rightaligned and centered justification by using Rightaligned

or Right, Centered or CenterLine.

Headline	With the help of this keyword you are able to define a line which appears at the top of every page. Footline applies analogously to the bottom of every page.
Footnote (*)	Inserting 'Footnote comment End' into the text is the way TPP provides to comment on a term with a footnote. During the compilation all footnotes are automatically numbered and are set at the bottom of the respective pages. The only important thing to know is that you do not have to care for the correct placing and numbering at all. All your work is done by inserting the footnote into the text.
NewPage	After this keyword the subsequent text is set on a new page.

1.61 TPP/Menus/TeX/LaTeX

Since 4.10 TPP fully supports Leslie Lamport's macro-package LaTeX. The styles book (LBook) and article (LArticle) are now available.

If a keyword may only be used in a LBook or LArticle environment, it is mentioned at the proper place. The following keywords are at your disposal:

LBook	The document is a LaTeX-book. This keyword must appear at the very beginning.
LArticle	The document is a LaTeX-article. This keyword must appear at the very beginning.
TitlePage	The keywords TitelPage, Author, and Date define the layout of the title page. TitlePage allows you to specify a multiple line title. Author is reserved for the names of the author or the group of authors and may be longer than one line. With the help of Date you can place the date of creation of the file on the titlepage. Finally, you have the opportunity to write a short summary about your document and to place it as an Abstract on the titlepage. The keyword Abstract may only be used within a LArticle environment and not within a LBook one.
RawTitlePage	Instead of using the LaTeX commands for arranging the titlepage, you can design it on your own behind this keyword.
Contents	See Book).
Chapter	A LaTeX-book can be divided by the following six keywords, which are enumerated in their priority: Chapter, Section, SubSection, SubSubSection, Paragraph, and SubParagraph. Normally, the title of each chapter, section or paragraph is specified directly behind the keyword. Every division-

keyword creates a running number that is positioned in front of the title. Starting from the chapter down to the subsubsection all numbers and titles are added to the table of contents. Within the environment LaTeX-article the keyword Chapter may not be used.

Appendix Starting from now all chapters (LBuch) – sections (LArticle) respectively – begin with a capital letter. In contrast to the environment Book the keyword End has to be specified at the end of the appendix.

Label See Book).
In contrast to the environment Book the keywords used for referring to sections, tables and figures are replaced by a single keyword, namely Ref. The references are written to an auxiliary file (suffix '.aux').

List See Book).

NList See Book).

Box See Letter).

PNumArabic From now on all pages are numbered with arabic ciphers. PNumroman switches to small roman ciphers, PNumRoman to capital roman ciphers, PNumalpha to small letters, and PNumAlpha to capital letters.

Bibliography This keyword starts the definition of the bibliography, which is closed by BibEnd. Scientifical publications very often contain a bibliography, the entries of which are refered to from within the text, e.g. by numbering all entries of the bibliography and referring to the respective number. At creation time of the publication the bibliography is often subject of change.

It would be quite laboriously, if the whole file had to be scanned in order to adjust the references after a change of the bibliography. TPP supports the LaTeX command set, which allows both, formatting of the bibliography and automatical adjusting of references.

An entry of the bibliography is specified by BibItem and a subsequent name of the item. The following lines may be arranged according to your own wishes. Normally, an entry of a bibliography contains the name of the author, the title, the publishing company and the year of publication. An entry ends at the beginning of an ensuing entry (BibItem) or at the end of the bibliography (BibEnd). All entries are numbered starting from 1. All numbers are embraced by two brackets.

The command sequence 'Cite name of the bibitem End' refers to an entry of the bibliography. The respective number embraced by two brackets is inserted into the text.

In order to get correct references the respective file has

to be compiled twice.

Index

Just like the table of contents an index can be created, too. The command sequence 'Index entry End' writes an index entry to the index file (suffix '.idx'). All these entries are sorted alphabetically by the program MakeIndex and are written to a sorted index file (suffix '.ind'). The command PrintIndex causes TeX to insert the sorted index into the text. This is normally done at the end of a file.

In order to create a correct index the respective file has to be compiled twice.

The argument of the Index command controls the design of the index:

Page	Entry
iv	Index Mailmerge End
3	Index ARexx!ToMouse End
7	Index ARexx!WDelLeft End
15	Index Installation (End
17	Index Installation) End
20	Index Block@Any text End

The above index entries create the following index:

```
ARexx,
  ToMouse, 3
  WDelLeft, 7
Any text, 20
Installation, 15-17
Mailmerge, iv
```

The exclamation mark produces a subentry. You may only use subdivisions down to a depth of three, i. e. there are no subsubsubentries available. Every entry is sorted independently. You can create a from-to-page-entry by appending the characters '|(' (from) and '|)' (to). If you specify an at-sign (@), the string in front of the at-sign determines the alphabetical position of the entry, while the string behind the at-sign produces the text of the entry. Depending on the table of special charactes used for parsing (e. g. TPP:parse/specchars1.parse), the character '|' eventually has to be replaced by 'TeX | End'. Further informations on MakeIndex can be found in a separate dvifile, which is part of this distribution.

1.62 TPP/Menu/TeX/User

New since 4.10. From now on user defined keywords may be used within the text. Of course, these keywords may not be identical to already existing ones. The definition of a keyword is to be appended to the respective parse-file. The way an entry has to look alike is described within the parse-files. If a definition of a keyword expects input (<insert>), the keyword has

to be accompanied by a subsequent End when used in the text. You may define an infinite number of keywords, while only the first 24 keywords can be selected via the mouse. In the file 'TPP:parse/lbook.parse' you can find some examples of user defined keywords.

1.63 TPP/Menus/TeX/Mailmerge

TPP's mailmerge function is very useful if you want to write letters that only differ in the address and the opening. Each of the 10 mailmerge marks can be inserted into the text as often as you like (see also MM-Mark). During the print-out these mailmerge-marks are replaced by data read in from a separate mailmerge file. Due to the fact that lots of data processors save their data bases in different formats, you can define the format by yourself. If the separator 'Backslash' ('Komma') is selected, this means that the length of every data set is one line and that every datum is separated from the next one by a backslash '\' (comma ',').

Excerpt from a mailmerge file:

```
Meyer\James\12 Broadway\Paris, Tennessee
Miller\Arthur\325 Randall Drive\Paris, Texas
Robinson\Anthony\15 Willowfield Crescent\Seattle, Washington
Smith\Michael\48 Parkway\Denver, Colorado
Taylor\John\77 Sunset Strip\Beverly Hills, California
```

etc.

If a separator different to those mentioned above are used in your mailmerge file, you can define the separator by yourself, too. The separator may also consist of a string of characters. If 'Return' was selected, every line contains one datum. This is why every data set is ten lines long. The memo-strings are only meant to help you remember the meaning of a datum within a data set. The pattern-strings define which data sets should not be filtered out. A data set is not filtered out, if every datum of a data set matches its pattern.

Following wildcards are available:

?	Matches a single character.
#	Matches the following expression 0 or more times.
(ab cd)	Matches any one of the items seperated by ' '. Note: The original text has a typo 'seperated'.
~	Negates the following expression. It matches all strings that do not match the expression (e. g. ~(foo) matches all stirngs that are not exactly "foo"). Note: The original text has a typo 'stirngs'.
[abc]	Character class: matches any of the characters in the class.
[~abc]	Character class: matches any of the characters not in the class.
[a-z]	Character range (only within character classes).
%	Matches 0 characters always (useful in "(foo bar %)").
*	Synonym for "#?".

If the first pattern-string was set to 'M*', the data sets 'Meyer\...' and 'Miller\...' of the above mailmerge file were not filtered out.

The name of the mailmerge file is to be entered into the datafile string-gadget.

Before the compilation or the print-out a window is opened and the mailmerge file is loaded. The window is only opened, if a window with the name of the mailmerge file does not already exist. Subsequently the selected data sets are displayed and you can decide whether you want to modify or skip the data, or if you want to print all data sets without being bothered again with a requester asking for confirmation.

1.64 TPP/Menus/TeX/MM-Mark

One of the ten mailmerge marks (Mail0 ... Mail9) is inserted into the text.

1.65 TPP/Menus/TeX/Table

TPP provides a simple way to typeset complex tables in TeX. A table created by TPP normally consists of a title, some columns, the names of those columns and finally of a caption.

When creating a new table all fields of the table window are empty at the beginning. If the cursor is located within an already existing definition of a table when invoking the table window, all fields are filled out using the information stored in the text. You may define up to 20 columns and for every column one of five different alignments: Besides left- and rightaligned and centered justification comma- and dot-alignment are available, i. e. in those columns all entries are aligned to a comma or a dot (useful for columns that contain lots of numbers). The entries of one row are separated by a backslash ('\\').

Following keywords may be used within a table definition:

Table	This keyword marks the beginning of a table, which must be closed by an End.
Title	What is the table's title?
Caption	A comment is placed at the bottom of the table. Tables used in a book are automatically numbered. If 'TLabel name of the label' appears within the table definition, you can refer to the table using TRef.
Width	You only have to specify the width of the whole table. TeX automatically finds out the correct width of every column.
Horizontal	Is every row of the table to be separated by an horizontal rule? Analogous: Vertical.
Border	The table is framed.
OnlyNames	Only the names of the columns are separated from the other rows by a horizontal rule. (Horizontal

must be switched off for this purpose.)

Columns	The definition of the columns' names follows. The alignment of the respective column (TabLeft, TabRight, TabCentered, TabComma, TabDot) is followed by its name.
Entries	The entries of a row are separated by a backslash ('\\').

Of course, you do not have to enter those keywords manually, because TPP automatically inserts them into the text after leaving the table window.

1.66 TPP/Menus/TeX/Graphics

It is not possible to let text flow around the picture, yet. Following keywords are available and like the definition of tables (see also Table) they do not have to be entered manually.

Graphics	This keyword marks the beginning of a picture, which must be closed by an End.
IFFFile	Name of the iff-file.
Caption	A comment is placed at the bottom of the picture. Pictures used in a book are automatically numbered. If 'FLabel name of the figure' appears within the graphics definition, you can refer to the figure using FRef.
Width	What dimensions (Width, Height) shall the picture have?
DefColors	Are the default colors to be used? If not, then you can specify (Red, Green, Blue, Bright) the colors and the brightness of the picture. The values must range from 0 to 15.
Mode	Is the picture to be printed as a black and white (BW), a coloured (Colour) or as an HAM-picture?
Position	Shall the picture be printed leftaligned (PosLeft), rightaligned (PosRight) or centered (PosCenter)?

Finally, I have to point out, that the portability of a '.dvi'-file gets lost by including an IFF-picture into a document.

1.67 TPP/Menus/Extras

Files
Undo

Date
Set Mailmerge
Go to Mark
Go to ...
Go to line x

1.68 TPP/Menus/Extras/Files

A filerequester pops up and due to the selected menuitem all files are either deleted or renamed. Of course, multiselect is supported, too. Further you are able to create a directory. 'Change filename' only affects the name of the active window.

1.69 TPP/Menus/Extras/Undo

Undo the current line.

1.70 TPP/Menus/Extras/Date

The current date is inserted at the cursor's position.

1.71 TPP/Menus/Extras/SetMark

One of ten marks is initialized. TPP remembers both column and line of the cursor's current position.

1.72 TPP/Menus/Extras/GoToMark

If the mark has already been set (see also Go to Mark), TPP jumps to the marked place. 'Set Mark' and 'Go to Mark' provide an easy way to find one's way even in larger documents.

1.73 TPP/Menus/Extras/Go to ...

After the string which is to be searched for has been entered, TPP is searching for it at the beginning of every line and only finds the string if it starts in the first column. This routine is quite useful for C-programmers, because one can find modules, e.g. main(), very fast especially in long sourcecodes.

1.74 TPP/Menus/Extras/Go to line x

TPP jumps to line x. This routine, too, is useful for programmers, because compilers tell the user the line in which an error has occurred.

1.75 TPP/Menus/Extern

This is a menu, which has been created for the invocation of the ARexx macros that are also part of the distribution. As an example I would like to mention the macro 'SDVI to Front' / 'Preview to Front'. This macro switches the previewer into the foreground, if it is already running in the background. If you map 'F10' / '1' in the previewer analogously to the macro 'TPPToFront.sd' / '1.preview' (also part of the TPP-package), you can read a document using the previewer and then switch back to TPP to correct the typing-errors you found without having to use the mouse.

1.76 TPP/Creating documents

In order to create a document you normally load a form sheet, which you only have to fill out and extend according to your wishes. Due to the fact that you learn at most by examples, there are lots of them for all document-types.

By inserting an empty line you start a new paragraph.

In general a letter consists of a sender, an address, a subject, an opening and finally of a closing. A postscriptum and comments on enclosures and carbon copies may be added at the bottom. I assume that understanding how to create a letter is not too difficult.

The lay-out of a book follows the scheme:

- Titlepage with specification of the author and the title. Eventually the titlepage also contains a summary of the content.
- Table of contents, which contains the titles of all sections and subsections.
- Sections, which are automatically numbered. Every sections may be divided in further subsections and subsubsections.
- Appendix, e g. for references. If the appendix consists of several sections, these sections are numbered with capital letters.
- Every page, except the titlepage, has head- and footlines, that contain informations about the page number and the title of the section that is started or continued on the respective page.

Articles are the most shapeless type of document, which can be created

with TPP. Normally, you choose your document to be an article, if you neither want to write a letter nor a book.

Since 4.10 LaTeX-books and -articles can be created with the help of TPP. The general structure of those document-types follows the same scheme as described above. But in contrast to the above description of designing books a bibliography and a sorted index (using MakeIndex) can automatically be created. Furthermore, a text can be divided in chapters in the L^Buch environment.

1.77 TPP/AR^exx-Port

The AR^exx-Port of TPP
AR^exx-Returncodes
AR^exx-Commands

1.78 TPP/AR^exx-Port/The AR^exx-Port of TPP

AR^exx is the implementation of the programming language R^exx (Restructured EXtended eXecutor). R^exx was developed by Michael F. Cowlshaw on an IBM VM/SP under VM/CMS and has been ported to the Amiga by William S. Hawes. AR^exx distinguishes itself from other languages by its powerful command interface, i.e. AR^exx programs can issue commands to external programs that provide a suitable command interface and thus can have an impact on the behaviour of these programs.

Since V3.0 TPP has an AR^exx-interface and provides more than 100 different commands. The hostname of TPP is 'TextPlus'.

By pressing 'Esc' you get into the command line.

AR^exx macros for TPP may be invoked in two ways:

- Implicitly, by specifying the name of a macro on TPP's command line, followed by any arguments to be passed to the macro. The macro name must not be the same as an internal TPP command. Note that the entire command string is passed to the AR^exx interpreter "as is", with the case of any arguments, special characters, etc. being preserved.
- By hitting a function key or choosing a menu item of the 'Extern' menu.

The implicit form of a macro command line, with any arguments, may be mapped to a key or a menu item.

If a function key is pressed when in command line mode the command mapped to the function key is not executed but displayed in the command line.

AR^exx macros for TPP should be given the filename extension '.tpl'.

Furthermore they must reside in the current directory, or the directory

'rexx:' is assigned to. The current directory is searched first, followed by the "rexx:" directory.

1.79 TPP/ARexx-Port/ARexx-Returncodes

ErrorCode	Severity	Meaning
0	10	no window available for execution of sent command
1	4	error while loading
2	4	error while printing
3	4	couldn't open window
4	4	error while saving
5	4	couldn't find window
6	4	error while executing 'Execute'
7	1	operation on block failed
8	1	find / replace failed
9	1	changing of prefs failed
10	1	operation on window failed

1.80 TPP/ARexx-Port/ARexx-Commands

Activate
 Append
 AutoDivMode
 AutoSave
 BackTab
 BackUpMode
 BBottom
 BCopy
 BCopyTmp
 BDelBackTab
 BDelete
 BIndent
 BInsTab
 BLeft
 BLoad
 Block
 BMode
 BMove
 Bottom
 BPaste
 BRight
 BS
 BSave
 BTop
 CallMacro
 Casesensitive
 ChFilename
 Clear
 ClearTab
 ClearTabs

ClipCopy
ClipCut
ClipPaste
Clock
Color
Continuous
CR
DelBackTab
Del
DelLeft
DelLine
DelRight
DelSpace
Display
Down
Execute
Find
First
GetChar
GetColumn
GetFontHeight
GetLine
GetName
GetScreenLeftEdge
GetScreenTopEdge
GetScreenWidth
GetScreenHeight
GetScreenName
GetString
GetWindowLeftEdge
GetWindowTopEdge
GetWindowWidth
GetWindowHeight
GetWord
GoTo
GoToLine
GoToMark
Iconify
InsertDate
InsertMode
InsTab
IsWord
Justify
Last
Left
LeftEdge
LetterMode
Load
MoveWindow
NewWindow
Next
NextR
PageDown
PageLength
PageUp
Prev
PrevR

Replace
RequestInt
RequestString
Right
RightEdge
RX
Quit
Save
SaveAndQuit
ScreenBottom
ScreenDown
ScreenToBack
ScreenToFront
ScreenTop
ScreenUp
SetColors
SetFont
SetMark
SetTab
SizeWindow
Style
Tab
Top
ToMouse
Type
UnBlock
Undo
UndoDelLine
Up
WDelLeft
WDelRight
WindowToBack
WindowToFront
WLeft
WRight

1.81 TPP/ARexx-Port/ARexx-Commands/Activate

NAME Activate Filename

FUNCTION Activate window with the name 'filename'.

EXAMPLE Activate MAN:TP-ARexx.doc

RETURN In case of failure: ErrorCode 5 Severity 4

SEE ALSO

1.82 TPP/ARexx-Port/ARexx-Commands/Append

NAME Append Filename

FUNCTION Append the file 'filename' to the end of the current file.

EXAMPLE Append RAM:TP.tmp

RETURN In case of failure: ErrorCode 4 Severity 1

SEE ALSO BLoad

1.83 TPP/ARexx-Port/ARexx-Commands/AutoDivMode

NAME AutoDivMode switch

FUNCTION Switch auto-div-mode on or off.

EXAMPLE AutoDivMode on
AutoDivMode off

RETURN

SEE ALSO BackUpMode, BMode,
InsertMode, LetterMode

1.84 TPP/ARexx-Port/ARexx-Commands/AutoSave

NAME AutoSave n

FUNCTION Save the current file every n minutes.

EXAMPLE AutoSave 10
AutoSave 0 (switch off AutoSave)

RETURN

SEE ALSO

1.85 TPP/ARexx-Port/ARexx-Commands/BackTab

NAME BackTab

FUNCTION Jump to previous tabulator.

EXAMPLE BackTab

RETURN

SEE ALSO Tab, BInsTab,
BDelBackTab, InsTab,
DelBackTab, BLeft,
BRight

1.86 TPP/ARexx-Port/ARexx-Commands/BackUpMode

NAME BackUpMode switch

FUNCTION Switch backup-mode on or off.

EXAMPLE BackUpMode on
 BackUpMode off

RETURN

SEE ALSO AutoDivMode, BMode,
 InsertMode, LetterMode

1.87 TPP/ARexx-Port/ARexx-Commands/BBottom

NAME BBottom

FUNCTION Go to the last line of the current block.

EXAMPLE BBottom

RETURN

SEE ALSO BTop

1.88 TPP/ARexx-Port/ARexx-Commands/BCopy

NAME BCopy

FUNCTION Copy the current block to the cursor's current position.

EXAMPLE BCopy

RETURN

SEE ALSO BMove, BPaste,
 BDelete

1.89 TPP/ARexx-Port/ARexx-Commands/BCopyTmp

NAME BCopyTmp

FUNCTION If a block has been defined, it will be saved as
 TP.tmp. If not, TP.tmp will be loaded and inserted
 at the cursor's current position.

EXAMPLE BCopyTmp

RETURN

SEE ALSO BLoad, BSave

1.90 TPP/ARexx-Port/ARexx-Commands/BDelBackTab

NAME BDelBackTab

FUNCTION Move the marked block to the previous tabulator.

EXAMPLE BDelBackTab

RETURN

SEE ALSO Tab, BInsTab,
BackTab, InsTab,
DelBackTab, BLeft,
BRight

1.91 TPP/ARexx-Port/ARexx-Commands/BDelete

NAME BDelete

FUNCTION Delete the marked block.

EXAMPLE BDelete

RETURN

SEE ALSO BCopy, BMove,
BPaste, Unblock

1.92 TPP/ARexx-Port/ARexx-Commands/BIndent

NAME BIndent n

FUNCTION Indent the first line of the marked block by n columns.

EXAMPLE BIndent 3
BIndent 0

RETURN In case of failure: ErrorCode 9 Severity 1

SEE ALSO

1.93 TPP/ARexx-Port/ARexx-Commands/BInsTab

NAME BInsTab

FUNCTION Move the marked block to the next tabulator.

EXAMPLE BInsTab

RETURN

SEE ALSO Tab, BackTab,
 BDelBackTab, InsTab,
 DelBackTab, BLeft,
 BRight

1.94 TPP/ARexx-Port/ARexx-Commands/BLeft

NAME BLeft

FUNCTION Move the marked block one column to the left.

EXAMPLE BLeft

RETURN

SEE ALSO Tab, BackTab,
 BDelBackTab, InsTab,
 DelBackTab, BInsTab,
 BRight

1.95 TPP/ARexx-Port/ARexx-Commands/BLoad

NAME BLoad Filename

FUNCTION Load 'filename' and insert it at the cursor's current position.

EXAMPLE BLoad MAN:TP-ARexx.doc

RETURN In case of failure: ErrorCode 1 Severity 4
 or ErrorCode 7 Severity 1

SEE ALSO BSave, BCopyTmp

1.96 TPP/ARexx-Port/ARexx-Commands/Block

NAME Block

FUNCTION Mark start or end of block.

EXAMPLE Block (start marked)
 Block (end marked)

Block (new start marked)
RETURN
SEE ALSO Unblock

1.97 TPP/ARexx-Port/ARexx-Commands/BMode

NAME BMode mode
FUNCTION Set mark-mode to mode.
EXAMPLE BMode word
BMode line
BMode block
RETURN
SEE ALSO InsertMode, LetterMode
BackUpMode, AutoDivMode

1.98 TPP/ARexx-Port/ARexx-Commands/BMove

NAME BMove
FUNCTION Move the marked block to the cursor's current position.
EXAMPLE BMove
RETURN
SEE ALSO BCopy, BPaste,
BDelete, Unblock

1.99 TPP/ARexx-Port/ARexx-Commands/Bottom

NAME Bottom
FUNCTION Jump to bottom of file.
EXAMPLE Bottom
RETURN
SEE ALSO Top, ScreenBottom,
ScreenTop

1.100 TPP/ARexx-Port/ARexx-Commands/BPaste

SEE ALSO BLoad, Load,
 Save

1.104 TPP/ARexx-Port/ARexx-Commands/BTop

NAME BTop

FUNCTION Jump to the top of the marked block.

EXAMPLE BTop

RETURN

SEE ALSO BBottom

1.105 TPP/ARexx-Port/ARexx-Commands/CallMacro

NAME CallMacro macro_name

FUNCTION Invoke an internal macro.

EXAMPLE CallMacro name_of_a_macro

RETURN

SEE ALSO

1.106 TPP/ARexx-Port/ARexx-Commands/Casesensitive

NAME Casesensitive switch

FUNCTION Switch 'casesensitive' on or off.

EXAMPLE Casesensitive on
 Casesensitive off

RETURN

SEE ALSO Find, Replace,
 Next, NextR,
 Prev, PrevR,
 Continuous

1.107 TPP/ARexx-Port/ARexx-Commands/ChFilename

NAME ChFilename Filename

FUNCTION Change the name of the current file.

EXAMPLE ChFilename MAN:TP-ARexx.doc

RETURN

SEE ALSO GetName

1.108 TPP/ARexx-Port/ARexx-Commands/Clear

NAME Clear

FUNCTION Delete the current file.

EXAMPLE Clear

RETURN

SEE ALSO

1.109 TPP/ARexx-Port/ARexx-Commands/ClearTab

NAME ClearTab n

FUNCTION Delete the tabulator of column n.

EXAMPLE ClearTab 7

RETURN

SEE ALSO SetTab, ClearTabs

1.110 TPP/ARexx-Port/ARexx-Commands/ClearTabs

NAME ClearTabs

FUNCTION Delete all tabulators.

EXAMPLE ClearTabs

RETURN

SEE ALSO SetTab, ClearTab

1.111 TPP/ARexx-Port/ARexx-Commands/Clock

NAME Clock switches

FUNCTION Change the clock-display.

EXAMPLE Clock on (switch clock on)
 Clock off (switch clock off)
 Clock on time date (switch memory and time-display on)
 Clock off memory (switch memory-display off)
 Clock on time date off reverse (switch time and date-display on
 and reverse-display off)

RETURN

SEE ALSO

1.112 TPP/ARexx-Port/ARexx-Commands/ClipCopy

NAME ClipCopy

FUNCTION The current block is saved as IFF-data to the clipboard.

EXAMPLE ClipCopy

RETURN

SEE ALSO ClipCut, ClipPaste

1.113 TPP/ARexx-Port/ARexx-Commands/ClipCut

NAME ClipCut

FUNCTION The current block is saved as IFF-data to the clipboard and
 after this deleted.

EXAMPLE ClipCut

RETURN

SEE ALSO ClipCopy, ClipPaste

1.114 TPP/ARexx-Port/ARexx-Commands/ClipPaste

NAME ClipPaste

FUNCTION If the clipboard contains usable data, it is loaded as a block
 to the current position of the cursor.

EXAMPLE ClipPaste

RETURN

SEE ALSO ClipCopy, ClipCut

1.115 TPP/ARexx-Port/ARexx-Commands/Color

NAME Color n

FUNCTION Set the current drawing color to n.

EXAMPLE Color 1
 Color 2
 Color 3
 Color 4

RETURN

SEE ALSO Style, Justify

1.116 TPP/ARexx-Port/ARexx-Commands/Continuous

NAME Continuous switch

FUNCTION Switch 'Continuous'-mode on or off.

EXAMPLE Continuous on
 Continuous off

RETURN

SEE ALSO Find, Replace,
 Next, NextR,
 Prev, PrevR,
 Casesensitive

1.117 TPP/ARexx-Port/ARexx-Commands/CR

NAME CR

FUNCTION Carriage return at the cursor's current position.

EXAMPLE CR

RETURN

SEE ALSO

1.118 TPP/ARexx-Port/ARexx-Commands/DelBackTab

NAME DelBackTab

FUNCTION Delete the line up to the previous tabulator.

EXAMPLE DelBackTab

RETURN

SEE ALSO Tab, BInsTab,
BDelBackTab, InsTab,
BackTab, BLeft,
BRight

1.119 TPP/ARexx-Port/ARexx-Commands/Del

NAME Del

FUNCTION Delete the character under the cursor.

EXAMPLE Del

RETURN

SEE ALSO BS

1.120 TPP/ARexx-Port/ARexx-Commands/DelLeft

NAME DelLeft

FUNCTION Delete beginning of line.

EXAMPLE DelLeft

RETURN

SEE ALSO DelRight, DelSpace

1.121 TPP/ARexx-Port/ARexx-Commands/DelLine

NAME DelLine

FUNCTION Delete the current line.

EXAMPLE DelLine

RETURN

SEE ALSO UndoDelLine

1.122 TPP/ARexx-Port/ARexx-Commands/DelRight

NAME DelRight

FUNCTION Delete rest of line.

EXAMPLE DelRight

RETURN

SEE ALSO DelLeft, DelSpace

1.123 TPP/ARexx-Port/ARexx-Commands/DelSpace

NAME DelSpace

FUNCTION Delete all spaces until reaching end of line.

EXAMPLE DelSpace

RETURN

SEE ALSO DelLeft, DelRight

1.124 TPP/ARexx-Port/ARexx-Commands/Display

NAME Display string

FUNCTION Display a string in the command-line above the ruler.

EXAMPLE Display 'Hello, World!'

RETURN

SEE ALSO

1.125 TPP/ARexx-Port/ARexx-Commands/Down

NAME Down

FUNCTION Move cursor down one line.

EXAMPLE Down

RETURN rc = 1 (Severity), ErrorCode 11, if you are already in the last line
rc = 0 otherwise

SEE ALSO Up, Left,

Right, First,
Last

1.126 TPP/ARexx-Port/ARexx-Commands/Execute

NAME Execute command

FUNCTION Execute a CLI-command.

EXAMPLE Execute C:NewShell "CON:////TPPShell/AUTO/WAIT/SCREEN TextPlus"

RETURN In case of failure: ErrorCode 6 Severity 4

SEE ALSO

1.127 TPP/ARexx-Port/ARexx-Commands/Find

NAME Find findstring

FUNCTION Set search pattern to findstring and do a 'Next'.

EXAMPLE Find TextPlus

RETURN In case of failure: ErrorCode 8 Severity 1

SEE ALSO Casesensitive, Replace
Next, NextR,
Prev, PrevR,
Continuous

1.128 TPP/ARexx-Port/ARexx-Commands/First

NAME First

FUNCTION Move to the first column.

EXAMPLE First

RETURN

SEE ALSO Up, Left,
Right, Down,
Last, WLeft
WRight

1.129 TPP/ARexx-Port/ARexx-Commands/GetChar

NAME GetChar

FUNCTION Copy the character under the cursor to the
 'result' string. If there's no char under the
 cursor, 'result' is empty.

EXAMPLE GetChar
 Say result

RETURN

SEE ALSO GetString, GetWord

1.130 TPP/ARexx-Port/ARexx-Commands/GetColumn

NAME GetColumn

FUNCTION Returns the number of the current column.

EXAMPLE GetColumn
 say result

RETURN

SEE ALSO

1.131 TPP/ARexx-Port/ARexx-Commands/GetFontHeight

NAME GetFontHeight

FUNCTION Returns the screen's font-height.

EXAMPLE GetFontHeight
 say 'The screen-font-height is' result 'pixels'

RETURN

SEE ALSO

1.132 TPP/ARexx-Port/ARexx-Commands/GetLine

NAME GetLine

FUNCTION Returns the number of the current line.

EXAMPLE GetLine
 say 'The cursor is in line' result

RETURN

SEE ALSO GetColumn

1.133 TPP/ARexx-Port/ARexx-Commands/GetName

NAME GetName

FUNCTION Copy the name of the current window to the 'result' string.

EXAMPLE GetName
 Say result

RETURN

SEE ALSO ChFilename

1.134 TPP/ARexx-Port/ARexx-Commands/GetScreenLeftEdge

NAME GetScreenLeftEdge

FUNCTION Returns the left edge of the TPP screen.

EXAMPLE GetScreenLeftEdge
 say result

RETURN

SEE ALSO GetScreenTopEdge,
 GetScreenWidth,
 GetScreenHeight

1.135 TPP/ARexx-Port/ARexx-Commands/GetScreenTopEdge

NAME GetScreenTopEdge

FUNCTION Returns the top edge of the TPP screen.

EXAMPLE GetScreenTopEdge
 say result

RETURN

SEE ALSO GetScreenLeftEdge,
 GetScreenWidth,
 GetScreenHeight

1.136 TPP/ARexx-Port/ARexx-Commands/GetScreenHeight

NAME GetScreenHeight

FUNCTION Returns the height of the TPP-screen.

EXAMPLE GetScreenHeight
 say result

RETURN

SEE ALSO GetScreenLeftEdge,
 GetScreenWidth,
 GetScreenHeight

1.137 TPP/ARexx-Port/ARexx-Commands/GetScreenWidth

NAME GetScreenWidth

FUNCTION Returns the width of the TPP-screen.

EXAMPLE GetScreenWidth
 say result

RETURN

SEE ALSO GetScreenHeight

1.138 TPP/ARexx-Port/ARexx-Commands/GetScreenName

NAME GetScreenName

FUNCTION Returns the public screen name of the TPP screen.

EXAMPLE GetScreenName
 say result

RETURN

SEE ALSO

1.139 TPP/ARexx-Port/ARexx-Commands/GetString

NAME GetString

FUNCTION Copy the current line to the 'result' string.

EXAMPLE GetString
 Say result

RETURN

SEE ALSO GetChar, GetWord

1.140 TPP/ARexx-Port/ARexx-Commands/GetWindowLeftEdge

NAME GetWindowLeftEdge

FUNCTION Returns the left edge of the largest TPP window.

EXAMPLE GetWindowLeftEdge
 say result

RETURN

SEE ALSO GetWindowTopEdge
 GetWindowWidth,
 GetWindowHeight

1.141 TPP/ARexx-Port/ARexx-Commands/GetWindowTopEdge

NAME GetWindowTopEdge

FUNCTION Returns the top edge of the largest TPP window.

EXAMPLE GetWindowTopEdge
 say result

RETURN

SEE ALSO GetWindowLeftEdge
 GetWindowWidth,
 GetWindowHeight

1.142 TPP/ARexx-Port/ARexx-Commands/GetWindowWidth

NAME GetWindowWidth

FUNCTION Returns the width of the largest TPP window.

EXAMPLE GetWindowWidth
 say result

RETURN

SEE ALSO GetWindowLeftEdge
 GetWindowTopEdge,
 GetWindowHeight

1.143 TPP/ARexx-Port/ARexx-Commands/GetWindowHeight

NAME GetWindowHeight

FUNCTION Returns the height of the largest TPP window.

EXAMPLE GetWindowHeight
 say result

RETURN

SEE ALSO GetWindowLeftEdge
 GetWindowTopEdge,
 GetWindowWidth

1.144 TPP/ARexx-Port/ARexx-Commands/GetWord}

NAME GetWord

FUNCTION Returns the word under the cursor. If there is no character under the cursor, 'result' is empty.

EXAMPLE GetWord
 Say result

RETURN

SEE ALSO GetString, GetChar,
 IsWord

1.145 TPP/ARexx-Port/ARexx-Commands/GoTo

NAME GoTo string

FUNCTION Go to the line, which starts with 'string'.

EXAMPLE GoTo main()

RETURN In case of failure: ErrorCode 8 Severity 1

SEE ALSO GoToLine, Find

1.146 TPP/ARexx-Port/ARexx-Commands/GoToLine

NAME GoToLine n

FUNCTION Jump to line n.

EXAMPLE GoToLine 35

RETURN In case of failure: ErrorCode 8 Severity 1

SEE ALSO GoTo, Find

1.147 TPP/ARexx-Port/ARexx-Commands/GoToMark

NAME GoToMark n

FUNCTION Jumps to mark no. n (n out of [1,10]).
The mark must be previously set by SetMark.

EXAMPLE GoToMark 4

RETURN

SEE ALSO SetMark

1.148 TPP/ARexx-Port/ARexx-Commands/Iconify

NAME Iconify

FUNCTION Iconify the current window. Uniconify will be
carried out automatically, if an iconified window
receives a command.

EXAMPLE Iconify

RETURN

SEE ALSO

1.149 TPP/ARexx-Port/ARexx-Commands/InsertDate

NAME InsertDate

FUNCTION Insert the current date.

EXAMPLE InsertDate

RETURN

SEE ALSO

1.150 TPP/ARexx-Port/ARexx-Commands/InsertMode

NAME InsertMode switch

FUNCTION Switch 'InsertMode' on or off.

EXAMPLE InsertMode on
InsertMode off

RETURN

SEE ALSO BackUpMode, LetterMode
 BMode, AutoDivMode

1.151 TPP/ARexx-Port/ARexx-Commands/InsTab

NAME InsTab

FUNCTION Insert spaces until reaching the next tabulator.

EXAMPLE InsTab

RETURN

SEE ALSO Tab, BInsTab,
 BDelBackTab, BackTab,
 DelBackTab, BLeft,
 BRight

1.152 TPP/ARexx-Port/ARexx-Commands/IsWord

NAME IsWord

FUNCTION Is the cursor located at the beginning of a word?

EXAMPLE IsWord

RETURN rc = 1 (Severity), ErrorCode 11, if cursor is not at the
 beginning of a word.
 rc = 0 otherwise

SEE ALSO GetWord

1.153 TPP/ARexx-Port/ARexx-Commands/Justify

NAME Justify alignment

FUNCTION Justify marked block or current line.

EXAMPLE Justify left
 Justify right
 Justify center
 Justify block

RETURN

SEE ALSO Style, Color

1.154 TPP/ARexx-Port/ARexx-Commands/Last

NAME Last

FUNCTION Move one beyond the last non-space in a line.

EXAMPLE Last

RETURN

SEE ALSO Up, Left,
 Right, Down,
 First, WLeft
 WRight

1.155 TPP/ARexx-Port/ARexx-Commands/Left

NAME Left

FUNCTION Cursor left.

EXAMPLE Left

RETURN rc = 1 (Severity), ErrorCode 11, if you are already in
 line 1, column 1.
 rc = 0 otherwise

SEE ALSO Up, Last,
 Right, Down,
 First, WLeft
 WRight

SEE ALSO

1.156 TPP/ARexx-Port/ARexx-Commands/LeftEdge

NAME LeftEdge n

FUNCTION Set the left edge to column n.

EXAMPLE LeftEdge 10

RETURN In case of failure: ErrorCode 9 Severity 1

SEE ALSO RightEdge

1.157 TPP/ARexx-Port/ARexx-Commands/LetterMode

NAME LetterMode mode

FUNCTION Set letter-mode to mode.

EXAMPLE LetterMode letter
LetterMode ansi
LetterMode ascii

RETURN

SEE ALSO BackUpMode, InsertMode
BMode, AutoDivMode

1.158 TPP/ARexx-Port/ARexx-Commands/Load

NAME Load filename

FUNCTION Load a file.

EXAMPLE Load T:TP.tmp

RETURN In case of failure: ErrorCode 4 Severity 1

SEE ALSO BLoad, Append

1.159 TPP/ARexx-Port/ARexx-Commands/MoveWindow

NAME MoveWindow dx dy

FUNCTION Move the current window.

EXAMPLE MoveWindow -10 10
MoveWindow 5 -20

RETURN In case of failure: ErrorCode 10 Severity 1

SEE ALSO SizeWindow, NewWindow

1.160 TPP/ARexx-Port/ARexx-Commands/NewWindow

NAME NewWindow (filename) (x y dx dy)

FUNCTION Open a new window.

EXAMPLE NewWindow
NewWindow name_of_the_new_window
NewWindow 0 11 640 245
NewWindow name_of_the_new_window 0 11 640 245

RETURN In case of failure: ErrorCode 3 Severity 4

SEE ALSO MoveWindow, SizeWindow

1.161 TPP/ARexx-Port/ARexx-Commands/Next

NAME Next

FUNCTION Iconify the current window. Uniconify will be carried out automatically, if an iconified window receives a command.

EXAMPLE Next

RETURN In case of failure: ErrorCode 8 Severity 1

SEE ALSO Find, Replace,
Casesensitive, NextR,
Prev, PrevR,
Continuous

1.162 TPP/ARexx-Port/ARexx-Commands/NextR

NAME NextR

FUNCTION Find next occurrence of search pattern and replace it by replace pattern or send an error-code.
If 'Continuous' is switched on, NextR will carry on replacing until reaching end of file.

EXAMPLE NextR

RETURN In case of failure: ErrorCode 8 Severity 1

SEE ALSO Find, Replace,
Casesensitive, Next,
Prev, PrevR,
Continuous

1.163 TPP/ARexx-Port/ARexx-Commands/PageDown

NAME PageDown

FUNCTION Move one page down.

EXAMPLE PageDown

RETURN rc = 1 (Severity), ErrorCode 11, if the last line was reached.
rc = 0 otherwise

SEE ALSO PageUp, ScreenUp,
 ScreenDown

1.164 TPP/ARexx-Port/ARexx-Commands/PageLength

NAME PageLength n

FUNCTION Set the page-length to n lines.

EXAMPLE PageLength 60

RETURN In case of failure: ErrorCode 9 Severity 1

SEE ALSO

1.165 TPP/ARexx-Port/ARexx-Commands/PageUp

NAME PageUp

FUNCTION Jumps one page up.

EXAMPLE PageUp

RETURN rc = 1 (Severity), ErrorCode 11, if the first line was
 reached.
 rc = 0 otherwise

SEE ALSO PageDown, ScreenUp,
 ScreenDown

1.166 TPP/ARexx-Port/ARexx-Commands/Prev

NAME Prev

FUNCTION Find previous occurrence of search pattern and
 place cursor at the beginning of the found word or
 send an error-code.

EXAMPLE Prev

RETURN In case of failure: ErrorCode 8 Severity 1

SEE ALSO Find, Replace,
 Next, NextR,
 Casesensitive, PrevR,
 Continuous

SEE ALSO

1.167 TPP/ARexx-Port/ARexx-Commands/PrevR

NAME	PrevR
FUNCTION	Find previous occurrence of search pattern and replace it by replace pattern or send error-code. If 'Continuous' is switched on, NextR will carry on replacing until reaching begin of file.
EXAMPLE	PrevR
RETURN	In case of failure: ErrorCode 8 Severity 1
SEE ALSO	Find, Replace, Next, NextR, Casesensitive, Prev, Continuous

1.168 TPP/ARexx-Port/ARexx-Commands/Replace

NAME	Replace findstring replacestring
FUNCTION	Set search pattern to 'findstring' and replace pattern to 'replacestring' and do a 'NextR'
EXAMPLE	Replace TextMinus TextPlus if rc = 1 then Display 'Unable to find TextMinus'
RETURN	In case of failure: ErrorCode 8 Severity 1
SEE ALSO	Find, PrevR, Next, NextR, Casesensitive, Prev, Continuous

1.169 TPP/ARexx-Port/ARexx-Commands/Quit

NAME	Quit
FUNCTION	Close the current window and - if it was the last one to be open - quit TPP.
EXAMPLE	Quit
RETURN	
SEE ALSO	SaveAndQuit

1.170 TPP/ARexx-Port/ARexx-Commands/RequestInt

NAME	<code>RequestInt hailstring'\definteger</code>
FUNCTION	An requester pops up and interactively asks the user to enter an integer. [range: -9999,99999]. You may provide a title line and a default number. Both strings are separated by a '\'.
EXAMPLE	<pre> 1) hailstring = 'Please enter your age!' definteger = '23' RequestInt hailstring'\definteger if result ~= "" then 'Display' 'You are' result 'years old!' else 'Display' 'Abort: STOP has beed pressed' 2) /* Invocation with one or no argument is possible, too */ RequestInt 'This is the title line' 3) RequestInt </pre>
RETURN	result contains the entered number. result is empty, if the user aborted the requester.
SEE ALSO	<code>RequestString</code>

1.171 TPP/ARexx-Port/ARexx-Commands/RequestString

NAME	<code>RequestString hailstring'\defstring</code>
FUNCTION	A requester pops up and interactively asks the user to enter a string. You may provide a title line and a default string. Both strings are separated by a '\'.
EXAMPLE	<pre> 1) hailstring = 'Please enter your name!' defstring = 'Marvin' RequestString hailstring'\defstring if result ~= "" then 'Display' 'You are so depressing,' result else 'Display' 'Abort: STOP has been pressed' 2) /* Invocation with one or no arguments is possible, too */ RequestString 'This is the title line' 3) RequestString </pre>
RETURN	result contains the entered string. result is empty, if the user aborted the requester.

SEE ALSO RequestInt

1.172 TPP/ARexx-Port/ARexx-Commands/Right

NAME Right

FUNCTION Move cursor right.

EXAMPLE Right

RETURN rc = 1 (Severity), ErrorCode 11, if the last line and the last
 column have been reached.
 rc = 0 otherwise

SEE ALSO Up, Left,
 First, Down,
 Last, WLeft
 WRight

SEE ALSO

1.173 TPP/ARexx-Port/ARexx-Commands/RightEdge

NAME RightEdge n

FUNCTION Set the right edge of the current window to column n.

EXAMPLE RightEdge 10

RETURN In case of failure: ErrorCode 9 Severity 1

SEE ALSO LeftEdge

1.174 TPP/ARexx-Port/ARexx-Commands/RX

NAME RX macro args

FUNCTION Execute a macro and pass arguments to it or not.

EXAMPLE RX my_first_macro.tpl one two three_arguments

RETURN

SEE ALSO

1.175 TPP/ARexx-Port/ARexx-Commands/Save

NAME Save (filename)

FUNCTION Save current file. If no filename was specified,
the file will be saved under the current window's
name.

EXAMPLE Save
Save DF0:Ein_Filename

RETURN In case of failure: ErrorCode 4 Severity 4

SEE ALSO BSave, BCopyTmp,
SaveAndQuit

1.176 TPP/ARexx-Port/ARexx-Commands/SaveAndQuit

NAME SaveAndQuit

FUNCTION Saves the file of the active window and
subsequently closes it. If this window was the
last one to be open, TPP quits.

EXAMPLE SaveAndQuit

RETURN In case of failure: ErrorCode 4 Severity 4

SEE ALSO BSave, BCopyTmp,
Save, Quit

1.177 TPP/ARexx-Port/ARexx-Commands/ScreenBottom

NAME ScreenBottom

FUNCTION Move to bottom of current screen.

EXAMPLE ScreenBottom

RETURN

SEE ALSO ScreenTop, Bottom,
Top

1.178 TPP/ARexx-Port/ARexx-Commands/ScreenDown

NAME ScreenDown

FUNCTION Move one screen down.

EXAMPLE ScreenDown

RETURN rc = 1 (Severity), ErrorCode 11, if the last line was reached.
 rc = 0 otherwise

SEE ALSO PageUp, PageDown,
 ScreenUp

1.179 TPP/ARexx-Port/ARexx-Commands/ScreenToBack}

NAME ScreenToBack

FUNCTION Thrust TextPlus-screen into the background.

EXAMPLE ScreenToBack

RETURN

SEE ALSO ScreenToFront,
 WindowToFront,
 WindowToBack

1.180 TPP/ARexx-Port/ARexx-Commands/ScreenToFront

NAME ScreenToFront

FUNCTION Thrust TextPlus-screen into the foreground.

EXAMPLE ScreenToFront

RETURN

SEE ALSO ScreenToBack,
 WindowToFront,
 WindowToBack

1.181 TPP/ARexx-Port/ARexx-Commands/ScreenTop

NAME ScreenTop

FUNCTION Move to top of current screen.

EXAMPLE ScreenTop

RETURN

SEE ALSO ScreenBottom, Top,
 Bottom

1.182 TPP/ARexx-Port/ARexx-Commands/ScreenUp}

NAME ScreenUp

FUNCTION Move one screen up.

EXAMPLE ScreenUp

RETURN rc = 1 (Severity), ErrorCode 11, if the last line was reached.
 rc = 0 otherwise

SEE ALSO PageDown, PageUp,
 ScreenDown

1.183 TPP/ARexx-Port/ARexx-Commands/SetColors

NAME SetColors

FUNCTION Set screen colors.

EXAMPLE SetColors AAA 000 FFF 57B

RETURN

SEE ALSO

1.184 TPP/ARexx-Port/ARexx-Commands/SetFont

NAME SetFont fontname fontsize

FUNCTION Set the font of the current window.
 Note: Don't use proportional-fonts.

EXAMPLE SetFont topaz.font 11

RETURN In case of failure: ErrorCode 9 Severity 1

SEE ALSO

1.185 TPP/ARexx-Port/ARexx-Commands/SetMark

NAME SetMark n

FUNCTION Set the mark no. n (range: [1,10]).
 Both line and column are remembered.

EXAMPLE SetMark 4

RETURN

SEE ALSO GoToMark

1.186 TPP/ARexx-Port/ARexx-Commands/SetTab

NAME SetTab

FUNCTION Set a tabulator at column n.

EXAMPLE SetTab 17

RETURN In case of failure: ErrorCode 9 Severity 1

SEE ALSO ClearTab, ClearTabs

1.187 TPP/ARexx-Port/ARexx-Commands/SizeWindow

NAME SizeWindow dx dy

FUNCTION Resize window.

EXAMPLE SizeWindow 0 -100
SizeWindow -300 20

RETURN In case of failure: ErrorCode 10 Severity 1

SEE ALSO ClearTab, ClearTabs

1.188 TPP/ARexx-Port/ARexx-Commands/Style

NAME Style what

FUNCTION Switch text-style to what.

EXAMPLE Style normal
Style underlined
Style bold
Style italic

RETURN

SEE ALSO Justify, Color

1.189 TPP/ARexx-Port/ARexx-Commands/Tab

NAME Tab

FUNCTION Jump to next tabulator.

EXAMPLE Tab

RETURN

SEE ALSO BackTab, BInsTab,
 BDelBackTab, InsTab,
 DelBackTab, BLeft,
 BRight

1.190 TPP/ARexx-Port/ARexx-Commands/Top

NAME Top

FUNCTION Move to top of file.

EXAMPLE Top

RETURN

SEE ALSO Bottom, ScreenTop,
 ScreenBottom

1.191 TPP/ARexx-Port/ARexx-Commands/ToMouse

NAME ToMouse

FUNCTION Move cursor to mouse-position.

EXAMPLE ToMouse

RETURN

SEE ALSO

1.192 TPP/ARexx-Port/ARexx-Commands/Type

NAME Type string

FUNCTION Enter text as if typed.

EXAMPLE Type 'Hello, World!'

RETURN

SEE ALSO

1.193 TPP/ARexx-Port/ARexx-Commands/UnBlock

NAME UnBlock

FUNCTION Clear the block markers for the current window.

EXAMPLE UnBlock

RETURN

SEE ALSO Block

1.194 TPP/ARexx-Port/ARexx-Commands/Undo

NAME Undo

FUNCTION Undo changes of the current line.

EXAMPLE Undo

RETURN

SEE ALSO

1.195 TPP/ARexx-Port/ARexx-Commands/UndoDelLine

NAME UndoDelLine

FUNCTION Insert the last deleted line.

EXAMPLE UndoDelLine

RETURN

SEE ALSO DelLine

1.196 TPP/ARexx-Port/ARexx-Commands/Up

NAME Up

FUNCTION Cursor up.

EXAMPLE Up

RETURN rc = 1 (Severity), ErrorCode 11, if first line was already
 reached.
 rc = 0 otherwise

SEE ALSO Down

1.197 TPP/ARexx-Port/ARexx-Commands/WDelLeft

NAME WDelLeft

FUNCTION Delete previous word. If the cursor is in the middle of a word, this word will be deleted.

EXAMPLE WDelLeft

RETURN

SEE ALSO WDelRight

1.198 TPP/ARexx-Port/ARexx-Commands/WDelRight

NAME WDelRight

FUNCTION Delete next word. If the cursor is in the middle of a word, this word will be deleted.

EXAMPLE WDelRight

RETURN

SEE ALSO WDelLeft

1.199 TPP/ARexx-Port/ARexx-Commands/WindowToBack

NAME WindowToBack

FUNCTION Thrust the current window into the background.

EXAMPLE WindowToBack

RETURN

SEE ALSO ScreenToBack,
 ScreenToFront,
 WindowToFront

1.200 TPP/ARexx-Port/ARexx-Commands/WindowToFront

NAME WindowToFront

FUNCTION Thrust the current window into the foreground.

EXAMPLE WindowToFront

RETURN

SEE ALSO ScreenToBack,
 ScreenToFront,
 WindowToBack

1.201 TPP/ARexx-Port/ARexx-Commands/WLeft

NAME WLeft

FUNCTION Move to the beginning of the previous word. If the cursor is in the middle of a word, move to beginning of current word.

EXAMPLE WLeft

RETURN rc = 1 (Severity), ErrorCode 11, if the begin of the first word of the first line was already reached
 rc = 0 otherwise

SEE ALSO WRight

1.202 TPP/ARexx-Port/ARexx-Commands/WRight

NAME WRight

FUNCTION Move to the beginning of the next word.

EXAMPLE WRight

RETURN rc = 1 (Severity), ErrorCode 11, if the end of the last word of the last last was already reached
 rc = 0 otherwise

SEE ALSO WLeft

1.203 TPP/Keymap

The keymap of TPP:

Ctrl-b	mark begin/end of Block
Ctrl-d	Delete mark
Ctrl-f	change mark-mode
Ctrl-c/p/m/x	Copy/Paste/Move/delete block
Ctrl-j	block <--> tp.tmp
Ctrl-a/e/k	Auto-div/insErt/bacKup-mode on/off
Ctrl-r	change letterR-mode
Ctrl-o	indent the first line of the marked blOck
Ctrl-g	Go to ...
Ctrl-l	go to Line x
Ctrl-y	set left edge

Ctrl-s	set page length
Ctrl-t	display length and end of Text
Ctrl-u	Undo
Ctrl-z	insert date
Ctrl-v	auto-save
Ctrl-q	save file, close window and Quit
Ctrl-w	new Window
Ctrl-n	load file & New window
Ctrl-f[1-10]	set mark
Alt-f[1-10]	goto mark
Ctrl-1/2/3/5/6	letter/book/global/table/graphics
Shift-Del	delete line
Shift-CR	insert last deleted line
Ctrl-Bs/Del	delete begin/rest of line
Alt-Bs/Del	delete previous/next word
Shift-Bs	delete all spaces until reaching end of line
Alt-Tab	move line to next tab-stop or - if a block has been marked - move block to next tab-stop
Ctrl-Tab	delete line to previous tab-stop or move block to previous tab-stop.
Esc	toggle command-line-mode
Shift-Alt-Crsr-Up/Dwn	go to begin/end of the marked block
Shift-Crsr-Up/Dwn	jump one screen up/down
Alt-Crsr-Up/Dwn	jump to begin/end of file
Ctrl-Crsr-Up/Dwn	jump to begin of the previous/next page
Shift-Alt-Crsr-Lft/Rght	jump to begin/end of line
Shift-Crsr-Lft/Rght	same, but won't stop at the end of the screen.
Alt-Crsr-Lft/Rght	jump to begin of the previous/next word
Ctrl-Crsr-Lft/Rght	move block left/right
Rght-Amiga-g/a/d	load/Append/Delete file
Rght-Amiga-w/s	save/Save as ...
Rght-Amiga-x	save & quit
Rght-Amiga-c	Compile
Rght-Amiga-v	preView
Rght-Amiga-p	Print
Rght-Amiga-y	iconify
Rght-Amiga-q	quit
Rght-Amiga-k/m	load/save block
Rght-Amiga-t	right edge
Rght-Amiga-`	mailmerge
Rght-Amiga-5	insert mailmerge mark
Rght-Amiga-n/u/b/i	style: Normal/Underlined/Bold/Italic
Rght-Amiga-l/e/c/j	justify Left/right, Center, Justification
Rght-Amiga-0/9/8/7/6	Color: normal/one/two/three/four
Rght-Amiga-f/1/2	Find/next/previous
Rght-Amiga-r/3/4	Replace/next/previous
Rght-Amiga-o	change filename

1.204 TPP/The printer.device Escape-Sequences

Escape-sequence	Function
27/99	Reset

27/35/49	Initialize
27/68	Linefeed
27/69	Return, Linefeed
27/77	Reverse linefeed
27/91/48/109	Normal char set
27/91/51/109	Italics on
27/91/50/51/109	Italics off
27/91/52/109	Underline on
27/91/50/52/109	Underline off
27/91/49/109	Boldface on
27/91/50/50/109	Boldface off
27/91/48/87	Normal pitch
27/91/50/87	Elite on
27/91/49/87	Elite off
27/91/52/87	Condensed fine on
27/91/51/87	Condensed fine off
27/91/54/87	Enlarged on
27/91/53/87	Enlarged off
27/91/54/34/122	Shadow print on
27/91/53/34/122	Shadow print off
27/91/52/34/122	Doublestrike on
27/91/51/34/122	Doublestrike off
27/91/50/34/122	NLQ on
27/91/49/34/122	NLQ off
27/91/50/118	Superscript on
27/91/49/118	Superscript off
27/91/52/118	Subscript on
27/91/51/118	Subscript off
27/91/48/118	Normalize the line
27/76	Partial line up
27/75	Partial line down
27/40/66	US char set
27/40/82	French char set
27/40/75	German char set
27/40/65	English char set
27/40/69	Danish char set I
27/40/72	Swedish char set
27/40/89	Italian char set
27/40/90	Spanish char set
27/40/74	Japanese char set
27/40/54	Norwegian char set
27/40/67	Danish char set II
27/91/50/112	Proportional print on
27/91/49/112	Proportional print off
27/91/n/32/69	Set proportional offset
27/91/53/32/70	Auto left justify
27/91/55/32/70	Auto right justify
27/91/54/32/70	Auto full justify
27/91/48/32/70	Auto justify off
27/91/51/32/70	Letter space (justify)

27/91/49/32/70	Word fill (auto center)
27/91/48/122	1/8 inch line spacing
27/91/49/122	1/6 inch line spacing
27/91/n/116	Perf skip n
27/35/57	Set left margin
27/35/48	Set right margin
27/35/56	Set top margin
27/35/50	Set bottom margin
27/91/xx/59/yy/114	Set top and bottom margin
27/91/xx/59/yy/115	Set left and right margin
27/35/51	Clear margins
27/72	Set horizontal tabulator
27/74	Set vertical tabulator
27/91/48/103	Clear horizontal tabulator
27/91/51/103	Clear all horizontal tabulators
27/91/49/103	Clear vertical tabulator
27/91/52/103	Clear all vertical tabulators
27/35/52	Clear all tabulators
27/35/53	Set tabulators
27/91/n/34/114	Next n chars are raw

1.205 TPP/Bibliography

[1] Donald E. Knuth: The TeXbook. Addison-Wesley 1990. ISBN 0-201-13448-9.

[1] provides a complete description of TeX.

[2] Leslie Lamport: LaTeX - A Document Preparation System. Addison-Wesley 1986.

[2] is the standard manual for LaTeX.

[3] Michael F. Cowlishaw. The REXX Language. A Practical Approach to Programming. Prentice-Hall 1985.

Comprehensive introduction and description of the REXX programming language written by the author himself.

[4] Commodore-Amiga, Inc. Amiga Programmer's Guide to ARexx. Commodore-Amiga, Inc., West Chester, Pennsylvania, 1991.

Commodore extensively describes the implementation of the REXX programming language on the Amiga.