

Copyright c 1998-2004 Georg Lehner, Wilfried Hennings, Scott Prah

Permission is granted to make and distribute verbatim copies of this manual provided the

Permission is granted to copy and distribute modified versions of this manual under the
"GNU General Public License" are included exactly as in the original, and provided that

1 Introduction

`LaTeX2RTF` is a translator program from `LaTeX` text into “rich text format” files. These files are commonly referred to as RTF files. RTF is a published standard format by

2 Installation

2.1 General

the first line of latex2png to `#!/usr/xpg4/bin/sh` Second, define the XPG4_GREP environment variable accordingly, for bash-like shells `XPG4_GREP=/usr/xpg4/bin/grep`; `export XPG4_GREP` or for tsch-like shells `setenv XPG4_GREP /usr/xpg4/bin/grep`.

4. make install

If your `mkdir` doesn't support the `'-p`

user permissions (at least read & execute). If you don't know about user permissions, put `lATEX2RTF` into 'C:\Program Files\l^AT_EX2' or what else the standard folder for installing applications is named (e.g. in the German version it is 'C:\Programme\l^AT_EX2').

Make sure that the folder containing the file 'L2RPREP.BAT' is in your search path, or put this file into a folder which is in 4(se)-1(ar)33(se)-1(arc)28(h)-333(path)-332((e)-1(.g.)-444(')]TJ/F5210.90

Open the file 'C:\Autoexec.bat

- Encountering errors because the compiler options. During development all compiler warnings are turned on. However, different compilers have different interpretations of '-Wall' and may generate errors that were not found in a different development system. Please report these, but a quick fix is to remove all compiler options.

2.8 Problems with make check

All the files in the 'test' directory are converted (with varying degrees of success) using `lATEX2RTF` and are tested before most CVS check-ins and with all released tarballs. There will be many warning messages, but there should be no actual error messages. If you do not have a working `latex2png` script, then some of the files will fail to be translated.

3 Using LaTeX2RTF

3.1 General Assumptions

LaTeX2RTF assumes that the '.tex' file you want to convert is a valid LaTeX document. The chances of a successful LaTeX2RTF conversion are slightly better than the proverbial snowball's if the '.tex' file doesn't latex properly. Use LaTeX to find and correct errors

-b bbl file

Unless an 'bbl file' is specified with the -b option, $\text{\LaTeX}2\text{RTF}$ uses a 'inputfile.bbl'. The 'bbl file' file is used for citations and is typically created by running 'inputfile.aux' through 'bibtex'.

-C codepage

used to specify the character set (code page) used in the \LaTeX document.

`\usepackage[l language]{babel}` where `l language` is one of the languages supported by the `babel`

-Z# add the specified number of extra } to the end of the RTF file. This is useful

4.6 Tables

The table code is currently barely working. It needs to be rewritten.

4.7 Graphics

5 Configuration

5.4 Ignore Command

The `ignore.cfg` is used for defining how to ignore specific commands. This file is used for recognition of \LaTeX variables, user defined variables, and some simple commands. All variables are ignored but the converter must know the names to correctly ignore assignments to variables. Lines in this file consist of a variable name with backslash, followed by comma and the type of the variable followed by `'.'`. Possible types are

- `'NUMBER'` simple numeric value
- `'MEASURE'` numeric value with following unit of measure
- `'OTHER'` ignores anything to the first character after and from there to next space.
e.g., `\setbox\bak=\hbox`
- `'COMMAND'` ignores anything to next `'\'` and from there to the occurrence of anything but a
letter e.g., `\newbox\bak`
- `'SINGLE'` ignore single command e.g., `\noindent`
- `'PARAMETER'`
 ignores a command with one parameter e.g., `\foo{bar}`
- `'PACKAGE'` does not produce a Warning message if `PACKAGE` is encountered, e.g., `'PACKAGE,kleenex.'`
- `'ENVCMD'` proceses contents of unknown environment as if it were plain

Dummy3, Mathematical Symbols.

6 Error Messages and Logging

7 History & Copyright

In 1994 the first Version of $\LaTeX2RTF$ was written by Fernando Dorner and Andreas Granzer of the Viena University supervised by Ralf Schlatterbeck in a one-semester course. They created a simple \LaTeX parser and added most of the infrastructure for the program. This was version 1.0 of $\LaTeX2RTF$. In 1995, work on $\LaTeX2RTF$ was continued in another one-semester course by Friedrich Polzer and Gerhard Trisko. The result was $\LaTeX2RTF$ version 1.5. [Ralf Schlatterbeck](#) maintained and extended $\LaTeX2RTF$ until 1998.

In 1998 [Georg Lehner](#) found the reference to $\LaTeX2RTF$ on the [TeX Conversion](#)

`\link{readhere}[`

Table of Contents

1	Introduction	1
2	Installation	3
2.1	General	3
2.2	Obtaining LaTeX2RTF	3
2.3	UNIX	3
2.4	DOS or Windows	4

8	LaTeX2RTF under Development	25
8.1	Unimplemented Features	25
8.2	Missing options	25
8.4	Reporting Bugs	26
8.5	Todo List	26
9	Index	27