

1 Graphics Inclusion

Graphic inclusion in TeX documents is not a WinEdt-related issue. You should consult the documentation that comes with your TeX System (eg. `graphicx` package). Below are a few examples that show that it can be done! It works with my (default) version of MiKTeX 2.9. However, these examples come with no guarantee and no support from WinEdt Team. If you are experiencing a problem with these images then the problem has nothing to do with WinEdt but rather than your TeX System or Ghostscript...

Example 1: WinEdt.eps (70 KB) (jpeg2ps wrapper). Bitmap graphics does not scale well. Quality is further reduced when jpeg file is formatted in order to reduce its size.

PDFLaTeX uses a WinEdt.png (53 KB) when present. It gives superior result compared to dvi2pdf or ps2pdf which (when properly configured) use Ghostscript to convert eps images to pdf during the compilation.



Preparing two sets of graphic files (eps for dvi and ps formats and pdf, png or jpg for pdf files) makes PDFTeX-ing easier! jpeg is a good format for pictures (non-vector graphics) like the ones below:



Example 2:

The examples below are based on a “proper” eps file golpher.eps (a vector graphics sample that comes with Ghostscript). The second instance golpher1.eps represents the same wrapped image (jpeg2ps) after jpg was compressed to a size (almost) comparable with the size of the original eps file. PDFLaTeX uses png and jpg versions of images. You can compare the quality (vector vs. bitmap graphics) depending on your favorite method of compiling pdf files...

golfer.eps	(27 KB)
golfer.png	(10 KB)
golfer1.eps	(48 KB)
golfer1.jpg	(37 KB)



A similar example with TUG logo:



2 Color Package Example

This section is “borrowed” from MiKTeX’s Samples folder. You should definitely consult more documentation and examples that come with your TeX System...

Text starts off in green a little red nested blue text returning to green

1. magenta cmyk black
2. predefined blue gray text

Black text on red background

Light background

Dark background

Black text, blue background, red frame

White text, blue background, red frame

This is how it is done:

```
\usepackage{color}

...

\begin{enumerate}
\item \textcolor{cmyk}
      {0,1,0,0}{magenta cmyk}  black
\item \color{gray}{0.5}
      \textcolor{blue}{predefined blue}
      gray text
\end{enumerate}

\definecolor{Light}{gray}{.80}
\definecolor{Dark}{gray}{.20}
\colorbox{red}{Black text on red background}
\par\colorbox{Light}{%
  \textcolor{Dark}{Light background}}
\par\colorbox{Dark}{%
  \textcolor{white}{Dark background}}

\fcolorbox{red}{blue}{Black text,
  blue background, red frame}

\fcolorbox{red}{blue}{\color{white}%
  White text, blue background, red frame}
```

3 Rotated tables examples

These are rotated tables:

xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c

xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c

xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c

c	c	c
b	b	b
a	a	a
zz	zz	zz
yy	yy	yy
xx	xx	xx

c	q	a	zz	ΛΛ	xx
c	q	a	zz	ΛΛ	xx
c	q	a	zz	ΛΛ	xx

This page is displayed in landscape mode...

xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c
xx	yy	zz	a	b	c

Rotated Table

4 Presentations in L^AT_EX

Presentation packages and software that can be used with L^AT_EX is not a WinEdt-related topic. However, since we get frequently asked about such things we posted a question to WinEdt's Mailing List and the response was overwhelming.

Most users were of the opinion that *beamer* is currently the best when it comes to ease of use and the quality of the output. Alternatives have also been mentioned. Below is the summary of the relevant links:

- <http://latex-beamer.sourceforge.net/>
- <http://texpower.sourceforge.net/>
- <http://www.utopiatype.com.au/>
- <http://tug.org/applications/Seminar/>
- <http://www-sp.iti.informatik.tu-darmstadt.de/software/ppower4>

You can use MiKTeX's Package Manager to install *beamer*. In MiKTeX's Doc folder you'll find documentation and examples that can be used to help you start working on your presentations. Some users mentioned that they had to upgrade their MiKTeX in order to be able to compile these examples which rely on up-to-date packages. If you encounter any such problems you may have to do the same...

An often cited reference summarizing the available L^AT_EX-related presentation packages is:

- <http://www.miwie.org/presentations/presentations.html>

You should visit the site to see what is currently available. Many packages are under development and the above links reflect the situation at the end of 2004. Things may change in the future and so can the contents of any of the sites listed on this page (this is outside our control)...

Again: do not expect any support from the WinEdt Team when it comes to purely L^AT_EX issues (like the one concerning presentations)...

You can find everything about T_EX and L^AT_EX on: <http://www.tug.org>...

5 A Simple Revision Control System (RCS)

On www.winedt.org you'll find a link to the page that describes how to use RCS or CS-RCS with WinEdt. RCS (Revision Control System) is a proper way to deal with revisions...

However, simple revisions or corrections done by the copy editor and intended for the authors can be handled in a much simpler manner. WinEdt provides a sample LaTeX package `xrcs.sty` that can be used for such editing. The package defines two macros `\RCSAdd{...}` and `\RCSDel{...}`. These two macros can be used to mark simple additions and deletions, respectively. In WinEdt the environments are colored in blue and red (as defined in the Switches section of the Options interface). Depending on the options the compiled document can contain additions and/or deletions (in color or plain text).

Furthermore, the package also provides a tag `\RCSMark{...}` which can be used to mark the argument with a yellow marker and `\RCSRem{...}` which can be used to include remarks. All four RCS tags are defined as switches in WinEdt's default highlighting scheme for TeX mode.

The `xrcs.sty` package provides the following options (with the default values displayed in red):

active	inactive
marker	nomarker
remarks	noremarks
new	nonew
old	noold

Examples of usage:

```
\usepackage[active,new,old,remarks,marker]{xrcs}
\usepackage[active]{xrcs} % Only Additions- in blue colors
\usepackage[active,old,nonew]{xrcs} % Only old text - in red
\usepackage[nomarker]{xrcs} % Only Additions: final version
```

In your preamble you have to also include the color package:

```
\usepackage{color}
```

Text example:

```
\RCSMark{IMPORTANT:} WinEdt's \RCSDel{menu}\RCSRem{use capitals!}
\RCSAdd{Menu} should be thought of as an "Action List"...
```

with `\usepackage[active,new,noold,marker]{xrcs}` is processed as:

IMPORTANT: WinEdt's **Menu** should be thought of as an "Action List"...

Beside the highlighting definitions for switches `\RCS*{...}` WinEdt also has a popup menu `Edt RCS` containing some commands that can make the revisions easier. This popup menu is displayed in response to the `Alt+R` keystroke. The properties of the popup can be adjusted through the Options interface (Popup Menus)...

WinEdt Team does not provide support for the package `xrcs.sty`. Feel free to make changes and improvements... The file is by default located in:

```
%\Samples\Examples\xrcs.sty

% -----
% File: xrcs.sty
%
% A (very) simple Revision Control System for LaTeX2e/WinEdt
% *****
\NeedsTeXFormat{LaTeX2e}
\ProvidesPackage{xrcs}[2005/01/30 v0.002 RCS]
\RequirePackage{color}
\newif\ifMarker \Markertrue
\newif\ifRemarks \Remarkstrue
\newif\ifAddDel \AddDeltrue
\newif\ifAddNew \AddNewtrue
\newif\ifAddOld \AddOldfalse
\DeclareOption{active}{\AddDeltrue}
\DeclareOption{inactive}{\AddDelfalse}
\DeclareOption{marker}{\Markertrue}
\DeclareOption{nomarker}{\Markerfalse}
\DeclareOption{remarks}{\Remarkstrue}
\DeclareOption{noremarks}{\Remarksfalse}
\DeclareOption{new}{\AddNewtrue}
\DeclareOption{nonew}{\AddNewfalse}
\DeclareOption{old}{\AddOldtrue}
\DeclareOption{noold}{\AddOldfalse}
\ExecuteOptions{inactive,noold,noremarks,new,marker}
\ProcessOptions
% -----
\def\RCSMark#1{\ifMarker{\colorbox{yellow}{#1}}\else#1\fi}
\def\RCSRem#1{\ifRemarks{\textsf{#1}}\fi}
\def\RCSDel#1{\ifAddOld\ifAddDel{\color{red}{#1}}\else#1\fi\fi}
\def\RCSAdd#1{\ifAddNew\ifAddDel{\color{blue}{#1}}\else#1\fi\fi}
%-----
```

Once again, this is a very simplified revision system; it is somewhat primitive and it is lacking all the features available in proper RCS... However, it may be of some interest since it is very simple to use: in any text editor it is easy to search for `\RCS...`

6 Useful T_EX-ing Hints

Check the source code of this document in WinEdt. Pay attention to comments included in the preamble...

For author-year references use:

```
\usepackage{natbib}
```

Specify bibliography database in a different folder:

```
\bibliography{Biblio/articles.bib}
```

Note that you have to specify the path in UNIX-style (using forward instead of backward slash as folder separator). Avoid spaces in filenames (some T_EX accessories may not work properly with spaces in filename specification).

Most T_EX Systems allow you to place your bib files in a separate folder on your localtexmf tree. For details consult the documentation that comes with your T_EX System. MiKTeX users can create a bibtex folder in their localtexmf tree, place their bib files there, and refresh the FNDB in MiKTeX's Options interface.

For fancy pdf files use:

```
\usepackage{hyperref}
\hypersetup{
  pdftitle={Shown in AR File Information},
  pdfstartview=FitH,    % Fit the page horizontally
  bookmarks=true,      % Open Bookmarks in AR
}
% more options can be found in
% TEXMF/doc/latex/hyperref/manual.pdf
```

To manually correct hyphenation of a word that was not properly handled by T_EX (eg. Weltauffassung) put the following in the preamble:

```
\hyphenation{Welt-auf-fas-sung}
```

To prevent long titles in your table of contents (generated by L^AT_EX) use alternative short title:

```
\section[Short Title for TOC]{Long long long title}
```

You can find everything about T_EX and L^AT_EX on: [TUG](#)...