

Software & Tools

The CTAN May 1999 CD ROM set by DANTE e.V. and Lehmanns bookstore

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1 About the CD ROM set

This year, DANTE e.V. produced the snapshot of CTAN in cooperation with Lehmanns Fachbuchhandlung, a German bookstore—under participation of TUG and several international user groups who are giving the CD ROM set to their members.

The set contains a nearly complete snapshot of CTAN on 3 CD ROMs that was taken from dante.ctan.org on May 30th, 1999. Since the archive size of CTAN was about 3GB, some parts had to be zipped or left out, respectively.

Zipped Directory trees	Missing Directories
fonts	obsolete
digests	nonfree/support/adobe
web	support/ghostscript
parts of systems	

The CD ROM set includes some additions from early June, like the new $\text{te}\text{T}_{\text{E}}\text{X}$ version 1.0(.5) and $\text{fp}\text{T}_{\text{E}}\text{X}$ 0.3e. Additionally, the current $\text{Con}\text{T}_{\text{E}}\text{X}$ t and $\text{PPCH}\text{T}_{\text{E}}\text{X}$ macros from <http://www.pragma-ade.nl> are included.

2 Technical remarks

The CD ROM snapshot from CTAN was made using the programs `mkisofs` and `cdrecord` under Linux. The CD ROMs use the ISO 9660 file system with Rock Ridge and Joliet extensions. Thus, the majority of computers running under UNIX or Microsoft Windows 9x/NT should be able to display long file names.

Computers running under operating systems not supporting Rock Ridge or Joliet extensions for CD ROMs will only display 8.3 file names. Each directory contains a file `TRANS.TBL` that relates the short file names to the long ones.

All text files on the CD ROMs use the UNIX style line endings (LF). This can cause problems with some editors under operating systems using different line end conventions. One possible solution is to use the Info-ZIP programs by compressing a file with “zip” and uncompressing it with “`unzip -a`” where the proper line endings for the used operating system are automatically produced.

3 Important note for users of Windows 9x/NT

Due to an error in the version of `MKISOFS` that was used to create the CD images, Windows Explorer will display a file `<translation table>` in each directory of the CD ROM that can't be opened. Unfortunately, this prevents directory trees from being copied from the CD ROM to the hard disk drive by drag and drop in Windows Explorer. Windows Explorer will stop copying of all files with the error message that it can't copy the file `<translation table>`.

To copy directory trees from CD ROM to hard disk, please proceed as follows:

1. Open a command prompt (Start → Programs → Command Prompt)
2. Copy the directory tree with

```
xcopy /s /c source-directory
target-directory
```

(of course in *one* line)

Example: If your CD ROM drive is D: and you want to copy the directory `macros\latex\required` from CD ROM to the directory `foo` on your hard disk drive (C:), please type

```
xcopy /s /c d:\macros\latex\required
c:\foo
```

(as above in *one* line)

3. If the target directory doesn't exist, you will be prompted whether the target is a file or a directory. Please type D for directory in this case. (This letter is only valid for the English version of Windows!)
4. During copying you will get warnings that the file `<translation table>` can't be copied. You can ignore these warnings.
5. You will get additional information about the usage of `xcopy` by typing

```
xcopy /? | more
```

4 The cover of the CD ROM set

Usually, the CD ROM set is shipped in a digital cover. TUG decided to order the sets without it. For this reason I created a PDF file (see page 84) based on the original cover that can be downloaded from <http://www.tug.org/texlive/cover.pdf>, and should fit into a standard jewel case. Of course, it looks nicer if you have access to a color printer...

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