

On The Disk...

A run-down of what's included on the free disk with this issue

Collated and tested by Mike Orriss

The headings below reflect the directories on the disk where you will find all these goodies!

➤ **DELZIP13: Freeware Zipping**
Delphi Zip v1.30 contains components, examples, and DLLs for Delphi 2, Delphi 3 and C++Builder 1. Delphi Zip gives your programs full support for PKZIP v2.04g compatible file compression and expansion, plus it includes support for passwords and self-extracting archives. See the screenshot opposite: this is powerful stuff! All the Delphi source code is included and the C source for the DLLs is also available as freeware (as file DZDLLSR3.ZIP on various websites).

➤ **DIFFM133: A Difference Engine**
See the item in *Mike's Corner* for full details on this.

➤ **BDEDORX: Use DBI Functions More Easily**
A unit from Reinhard Kalinke that provides you with a more friendly interface to some DBI functions, including table and index creation, restructuring, setting and retrieving RI and valchecks. There are also functions to work with table definition files, enabling you to very easily save the properties of your tables to file and create or restructure tables from those files at your client's site.

➤ **VSSDIGI: Light Up Your Application**
The Varian Led Studio is a library of 18 LCD controls for Delphi 3.0. The demo application is a fully functional CD player (as I discovered when I clicked on the Eject button!).

➤ **PATHED3: Library Paths Made Easier**
Before Delphi 3.01 the library search path was limited to about

255 characters. That restriction has now been lifted, but it is still difficult to work with the search path because the only interface to it in Delphi is a small ComboBox in the Environment Options dialog. This expert eliminates headaches associated with Delphi's library search path by providing an easier to use interface.

➤ **EXPREVAL: Go Parse Your Expression**
This unit comprises a mixed type expression evaluator that follows Pascal syntax (reasonably accurately) and approximates standard Pascal types. By constructing callback methods it is fairly easy to add additional functions to the standard ones already supported.

➤ **AH_MOON: Astronomical Calculator**
This is a collection of functions to calculate the phases of the moon and other related astronomical data.

➤ **RICH_TV: Colour Your TreeViews**
TRichTreeView is a TTreeView component descendant that adds an OnGetFont event handler.

➤ **WINMAC: Record Your Actions**
This component set from Ken Henderson provides much of the functionality of the Windows 3 Recorder accessory, but exceeds it in many ways. For example, it has support for code macros: ones that execute

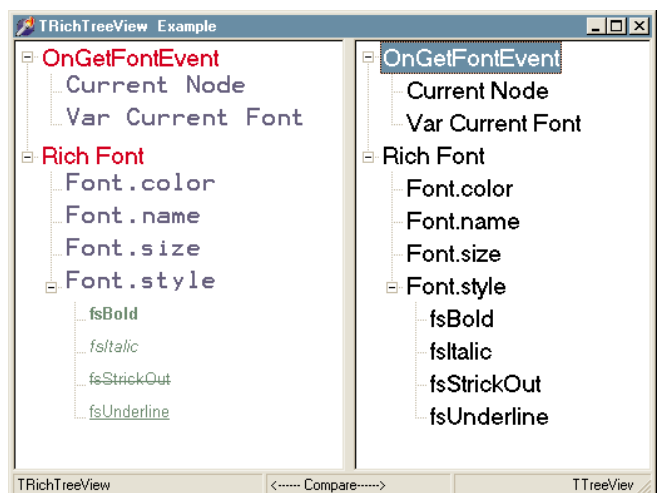
➤ *TRichTreeView*

callback routines rather than playback keystrokes. WinMac32 also allows nearly any key on the keyboard to be a hotkey, it even allows mouse buttons to serve in that capacity.

➤ **RSA10: Encrypt Your Data**
TRSA is an implementation of the RSA public key encryption algorithm. It can generate keys, encode and decode data.

➤ **SHFILEOP: Animate Your Copies**
TshFileOp provides a very simple way to copy, move delete or rename files from a Delphi or C++ Builder application running under Win95/98 or NT4. It provides a simple wrapper around the ShFileOperation Windows API function.

➤ **MMAPFILE: Map Your Memory**
This is a study on using Win32 memory mapped files. There are several sample programs and a unit named E_Memmap.pas. This unit implements memory mapping. It can be used simply to map dynamic data within an application or to map the more permanent disk files. The unit also provides support for synchronisation through mutexes.



➤ **Important Note!**

Always, but always, be sure to make a backup copy of your Delphi 1 or 2 component library file before you install any new component into Delphi! Component installation can trash your component library and leave Delphi inoperative.

➤ **Send In Your Code...**

If you have some carefully crafted routines send them in for evaluation to Mike Orriss, our Disk Editor, at mjo@compuserve.com. We do consider all submissions.

➤ *Right: Varian LED Studio*

➤ *Below left: Moontool*

➤ *Below right: Delphi ZIP*

