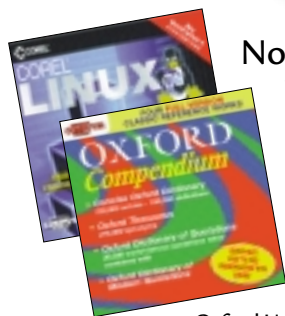# *May* COVER DISCS

GAMES   **APPLICATIONS**   LIBRARY   ENTERTAINMENT   INTERNET

Now's your chance to try out Linux – follow our step-by-step installation instructions for Corel Linux, and check out the OUP Oxford Compendium.

This month, no expense is spared to bring you two disks – disc one is dedicated to the technically-aware user who wants to look at alternative operating systems – in this case Corel Linux – and disc two is a really useful consumer package from the world-renowned publishers at Oxford University Press.

The second disc contains:
- Oxford Compendium 3.0
- Line One sign-up software
- Links to online *PCW* reader survey
- Links to vnunet.com, Jobworld UK, Corporate Jobs
- Help File

There is no browser on the CD so, if you do not have one on your computer, you can still access all the programs and links through Windows Explorer without any problems. The Help File can be launched by double-clicking it in Windows Explorer. For those without a browser, the two applications can be run manually from:

Oxford Compendium: <CD drive>:\Oxford\SETUP.EXE
LineOne sign up: <CD drive>:\software\LineOne\PCW_00.exe

If you have a browser, the program will look for it and pop up a blue box (Internet Access). Click Continue to open the browser. The web page you see is running from your CD drive and you can now choose which element to proceed with. If you want to install the Oxford Compendium, click on the blue lettering link to launch the setup program. We would recommend that you use the option to 'run the setup from its present location'.

Please also note that the Reader Survey pages are online at **www.vnunet.com**, and by completing it you could be the lucky winner of a Time computer. We value your opinions and by completing the survey you will help us in our aim to make *Personal Computer World* a better magazine by understanding how you buy and what your opinion is on aspects of what we do inside the covers.

Corel Linux®

DOWNLOAD VERSION

A full download version of Corel's Linux operating system is on the disc for you to install and try, plus WordPerfect 8 for Linux (download version). Corel Linux's graphical installation and clear instructions make it a good choice for anyone who's new to Linux. What's more, a complete installation occupies just 370MB of hard-disk space.

Installing Corel Linux

Before you can install Corel Linux OS, you must create a boot floppy disk. Follow the

procedure described below depending on the operating system you are using.

Windows 95, 98 or NT

1 Insert the CD-ROM containing Corel Linux OS into your CD-ROM drive.

2 Insert a 1.44MB floppy disk into your first floppy drive.

3 Click the Start button and select Run.

4 Browse your CD-ROM and select **\corel\Create_boot_floppy.exe** and click OK.

5 Follow the directions to boot from a floppy diskette and create a boot floppy.

6 Once the boot floppy disk has been created, your system will restart and Corel Linux Install Express will start.

Linux

1 Mount the CD-ROM. For example: **mount -t iso9660 /dev/scd0 /cdrom**

2 Type: **dd if=/Corel/Boot/boot1440.img of=dev/fd0**

3 Once the boot floppy disk has been created, the command prompt will return. Shut down your system and restart it with the CD-ROM and floppy disk

IMPORTANT

No support is available for this Linux CD-ROM – so only run the installation if you are an experienced user or are confident that you can deal with any technical problems that may arise. Neither VNU nor Corel will accept any responsibility for loss of data or other damage to your systems that may occur. You should not install this software on any system that holds programs or data of a crucial nature.

If you encounter any problems during this installation, you can find plenty of help and advice in the form of FAQs and forums at **http://linux.corel.com/**.
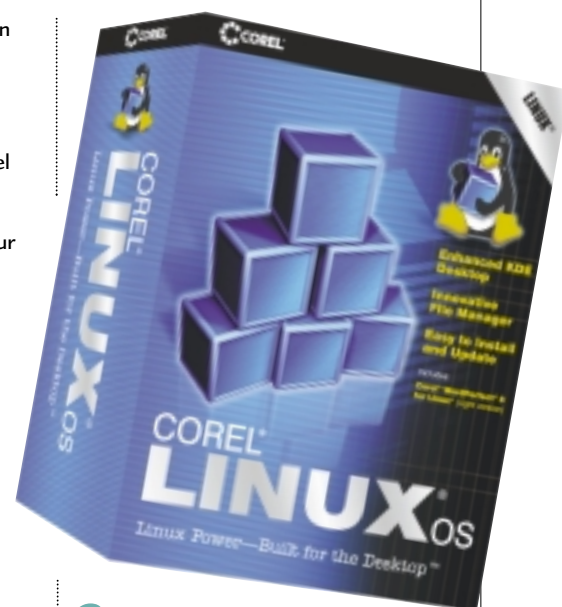
Corel Linux®

INSTALLATION

Any of the options to install the Linux operating system on your machine COULD damage your existing disk partitions, so make sure you have backed up ALL valuable data before proceeding.
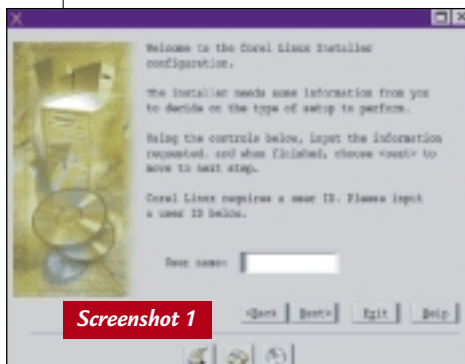
The options for a choosing an installation destination for Corel Linux are as follows:
Take over disk (erases all information)
Use free disk space (keeps existing info)
Edit partition table (for advanced Linux users)
Install in DOS/Windows partition.
Consider very carefully which option is appropriate for your system.
WE CANNOT SUPPORT THIS PRODUCT

still inserted. Corel Linux Install Express will start.

Before you install

To boot from the floppy disk drive, with the CD in the CD-ROM drive, follow the on-screen instructions.
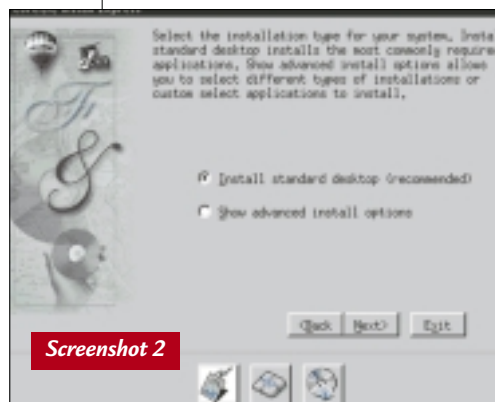
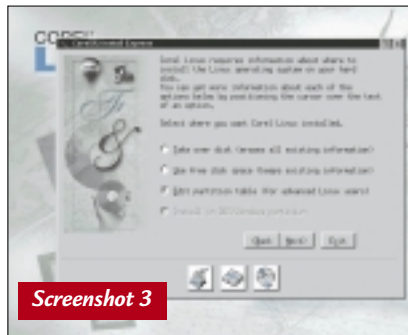Choose a user ID on the first screen, then click Next (screenshot 1).

Screenshot 1

You can then select which components and configuration to install. We recommend that beginners choose the 'Install standard desktop' option. Then click Next (screenshot 2).

A dialog box will appear, with options to
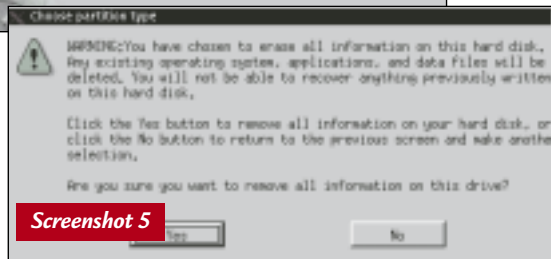

Screenshot 2

Screenshot 3

allow Linux to take over the whole drive, to use the free space only on your disk, or to install into an existing partition. Choose one of the options (described below). Then click Next (screenshot 3).

Option 1: Take over entire hard disk

If you decide to install on a separate hard disk, click the first radio button (Take over disk). This is probably the most straightforward – remember that all the data on that drive will be erased when it is converted to Linux, though. Choose this option if you have an old PC or hard disk drive that you are happy to use as your Linux machine, making sure that you have backed up any important data. This option also sets up LILO for you, which gives you an option on booting the PC to go into Linux desktop, safe mode, command line, or Windows 98 or NT (if it's detected on the system).
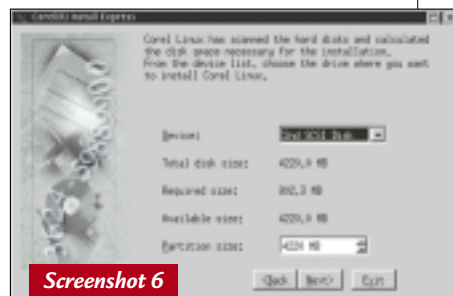

Screenshot 4

Screenshot 5

Please note that this option only recognises the first hard disk in your system. You cannot, for example, install Corel Linux onto a second hard disk in your system without disconnecting the first (screenshot 4 above).
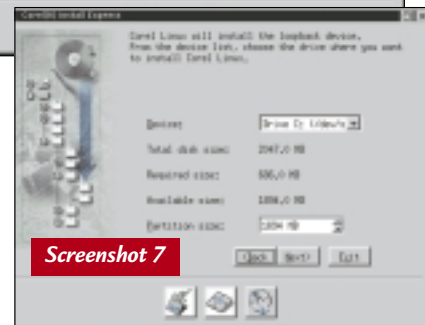
The installer will display a drop-down box with a list of suitable drives. Make sure you have selected a drive with no valuable data on it! (Screenshot 5)

Option 2: Use free disk space

This option is for users of Partition Magic. It will install a Linux partition into any free (UNpartitioned) space on your hard disk. It will not destroy the data on any partitions

Screenshot 6

Screenshot 7

already set up (DO NOT take this to mean it's OK to install on a hard disk that contains important data!). A menu will appear where you can choose which drive to use, and how much disk space to allocate to the Linux partition (Screenshot 6).

Option 3: Install into existing DOS/Windows partition

This option will use the free space available within an existing partition on your hard disk to create a separate Linux 'partition'. Actually, it's a folder that sits on top of the Windows/DOS file system. Since this is not a real Linux formatted partition, there is a slight performance hit, but this is a good option for newcomers. To remove Linux you can simply delete the folder. You can select the device and partition to use, and set the size for the Linux partition as before. By default, it will suggest the maximum size (using all the free space available on your DOS/Windows partition). You can adjust this if you want to leave some space free and accessible to Windows files (screenshot 7).

Corel Linux®

Option 4: Edit partition table
This option is for advanced Linux users. We recommend that beginners choose one of the options described on the previous page.
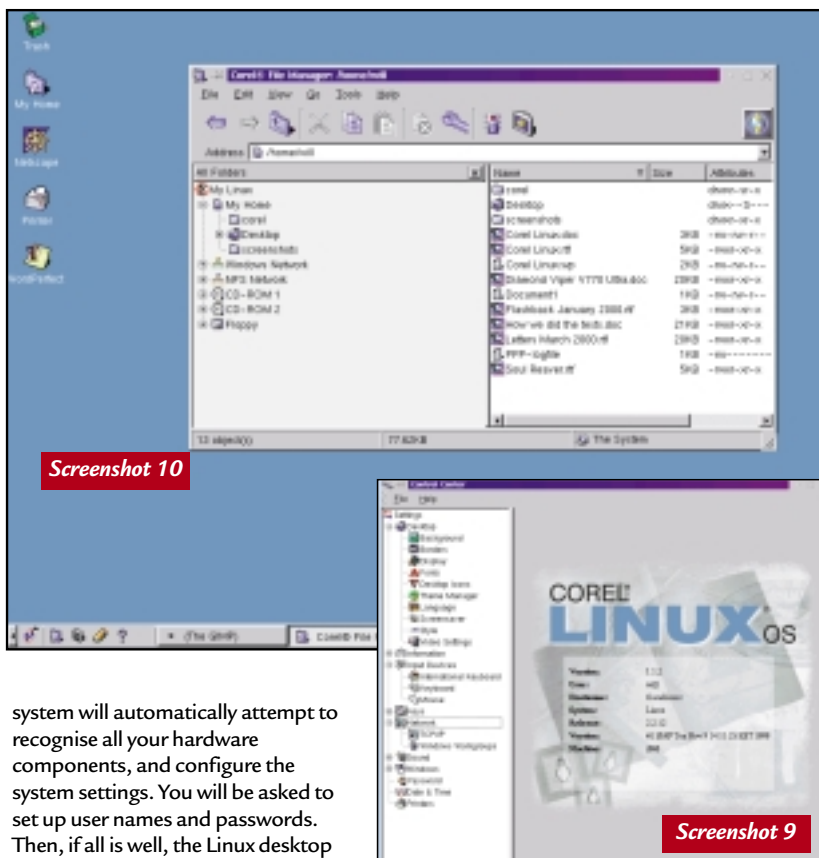
Getting started
Once you have chosen where to install Linux (see above), you can click the Install button. The installer will then format the Linux partition according to your settings, and copy the necessary files to your hard disk. You will see a progress bar during the formatting and installation. NOTE: this does not provide an accurate indication of the percentage of time you have left to wait, and it takes quite some considerable time, so don't panic and hit Reset unless you're completely sure you've encountered a problem (screenshot 8).

Screenshot 8

When everything's finished, you will need to restart your system. If you chose the option to install into a DOS/Windows partition, you should boot into the DOS command line, then navigate to the drive containing the Linux partition folder, then run the batch file **startcdl.bat** which will launch the Linux desktop.

If, for example, you installed into your E: drive, you should find a file named **startcdl.bat** in a folder named **E:\CDL**. Run this file to start the Corel Linux desktop. The

Screenshot 10

Screenshot 9

system will automatically attempt to recognise all your hardware components, and configure the system settings. You will be asked to set up user names and passwords. Then, if all is well, the Linux desktop should appear in all its glory.

Customising the desktop
One of the first things you will want to do is configure things to your own taste and preferences. Corel provides an excellent means of doing this through its Control Center (screenshot 9). This is a bit like Windows' Control Panel, and allows you to set many aspects of your desktop's appearance and functionality, as well as providing information about hardware

and software installed on your system.

Make sure that everything is working fine, customise your desktop, and explore some of the additional utilities and applications included with Corel Linux, such as the games, Corel Update, File Manager (screenshot 10), or the comprehensive help information (supplied as HTML that you can view using the included Netscape for Linux). Then, you will need to install WordPerfect 8 (see following page).

Technical information to help you use the CD

● **How to use the CD-ROMs**
Put the disc into your CD drive and follow the instructions set out on these pages for each application.

● **Faulty discs**
If you have a faulty disc please return it with your name and address, clearly marked
'**PCW CD MAY 2000**' to:
TIB plc
HelpLine Returns
Unit 5 Triangle Business Park
Pentrebach
Merthyr Tydfill
Mid Glamorgan CF48 4YB
quoting ref '*PCW Vol 23 No 5*'.

A replacement disc will be sent to you. NOTE: *These cannot be supplied direct from VNU*.

● **Technical support**
If you have technical problems with individual products, please check in the magazine or on the CD for the manufacturer's support contact details. For general problems with the CD, the Technical Helpline is open weekdays from 10:30am to 12:30pm and 1.30pm to 4:30pm on **01685 354726**.
A live technical info page is also available through CDOnline direct from the CD.

● **Getting software on to the CD**
Personal Computer World is keen to promote

quality software and would like to hear from you if you are interested in having your product included on a future cover disc. For cover-mount enquiries please telephone **Mick Andon** on 020 7316 9474 or email
mick_andon@vnu.co.uk

WordPerfect 8 for Linux   DOWNLOAD VERSION

Our cover disc also includes a download copy of Corel WordPerfect 8 for you to try out. Here's how to get started.

How to install

This bit's a little tricky but, if you follow the instructions to the letter, you should be able to install WordPerfect without problems. PLEASE NOTE: This software will ONLY work on Intel x86 computers that run the Linux operating system with X-Windows!

Having successfully installed Corel Linux onto your PC, log on as root user (this will give you greater access privileges when it comes to creating folders etc). Use the Corel file manager to navigate to the folder on the CD-ROM that contains the WordPerfect installation files. The main application file can be found in **\Corel Wordperfect\GUILG\GUILD00.GZ**

Copy this file (GUILG00.GZ), into a separate directory created on your hard drive.

Launch the Console application (in the task bar at the base of the screen).

Navigate to the directory you copied the file to, then type: **tar zxvf guilg00.gz** (please note that the filename must be entered exactly as it appears within the File Manager – ie use the same capitalisation)

After this has been done, simply type the following command to start the install program:
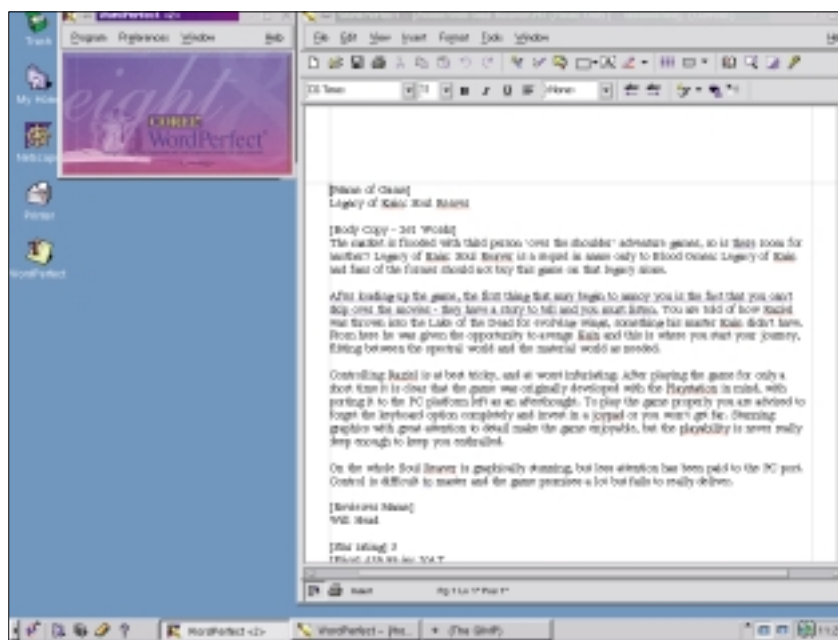**./Runme**

To start the application after you have installed it, simply type the following, replacing <path to application> with the directory to which you installed Corel WordPerfect 8 for Linux:
<path to application>/wpbin/xwp &
For example:
/usr/local/wp8-de/wpbin/xwp &

Or, easier still, you can set up a shortcut on your Linux desktop.

Once you have installed Corel WordPerfect 8 for Linux, you may also want to install one or more of the additional language modules listed below. You must install them after you have installed Corel WordPerfect 8 for Linux. Copy the relevant file (see below) to the same directory you copied GUILG00.GZ to.

For example: the UK English language module can be found in:
\GUILGUK\GUILGUK0.GZ

Installing language modules

Launch the Console program (that's the small green and black icon that looks like a monitor display, at the bottom left of the task bar) Navigate to the directory on your hard drive where you copied the Language Module file(s), and perform the following operation on each of them:
tar zxvf <filename>

You must input the filenames using exactly the same capitalisation (upper or lower case) as the original files. After this has been done, simply type the following command to start the install process:
./Runme

When running the install program for the language modules, you must specify the directory where you installed the Corel WordPerfect 8 for Linux application files previously.

Once completed you can re-load WordPerfect and you'll see that your application interface has changed from US English to whatever language you just installed.

What's new in WordPerfect 8

WordPerfect 8 Personal Edition has a variety of new and enhanced features that let users complete a variety of tasks, including the following:

- find answers to common problems quickly and easily with PerfectExpert™
- maximise productivity with an enhanced streamlined interface
- publish to HTML
- start typing anywhere on the page using the enhanced Shadow Cursor
- draw directly onto text, and add colour, gradient fills, pattern, and lines to documents using the enhanced Drawing Layer
- track document revisions with Corel® Versions®
- create automatic hyperlinks by typing www, ftp, http, or mailto
- size table rows, and join and split cells quickly with enhanced table features
- add polish to documents with Spell-As-You-Go™ and Grammar-As-You-Go™
- use more than 90 spreadsheet functions with tables
- access files, create directories, change file modes without having to remember Linux commands with the WordPerfect File Manager.

REGISTRATION

You will be asked for a registration code when you first run WordPerfect 8 for Linux. You need to register within 90 days – don't worry, this is free, and you can do it on the web.
Point your browser at
http://venus.corel.com/nasapps/ wp8linuxreg/register.html
Fill in a few questions and you will receive a registration key to type into the program.

Oxford Compendium 3.0 FULL VERSION

We are also pleased to bring you an excellent offering from Oxford University Press. Well-known for decades as the provider of quality reference material OUP has produced a CD-based compendium of reference material that comprises four classic works – and you will never be at a loss for words again or uncertain about pronunciation.

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- **Oxford Thesaurus**
- **Oxford Dictionary of Quotations &**
Oxford Dictionary of Modern Quotations (combined)

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- Look up a word
- Browse the entries
- Follow cross-references to other entries.

You can also access the text in ways that would be impossible with the printed books by :
- Searching the entire text for every instance of a word
- Using wildcards, Boolean operators, and filters to expand the scope of a search
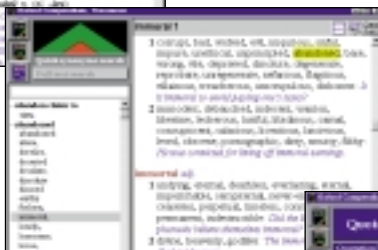- Copying text directly to Word for Windows or to the Clipboard

Concise Oxford Dictionary
The Concise Oxford Dictionary (9th Edition) (COD9) offers a comprehensive range of the most up-to-date words and their meanings. This package includes over 100,000 definitions and entries ranging from street slang to scientific terminology. It will provide you with an easily accessible source of everyday language.

Since it is on a CD-ROM you can take advantage of excellent search facilities and, having found the word, you can simply click on the phonetic representation and hear how to pronounce it – very nicely! The sound option only works with the CD in the drive.

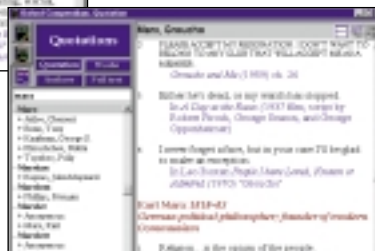There are two options with the COD9, either the straight A-Z Dictionary or the Appendices. The latter are a really useful surprise, especially if you want to find out facts such as which countries are in the Commonwealth; the

Top: You can do a quick search in the A-Z, as well as cross-references
Middle: Find synonyms fast with the Thesaurus
Bottom: Quotable quotes

Books of the Bible; what the chemical symbol is for Sodium or the letters of the Russian alphabet. It's well worth a look.

In the main A-Z part of the dictionary, cross-referencing is easy. Look up a word such as thespian – *adj. of or relating to tragedy or drama n. an actor or actress* – double-click on 'actress' and the program will take you straight to actress in the dictionary.

During installation, if you associated the COD9 with Microsoft Word, then when you are in Word and you need to check something you can highlight a word, go to Tools/Consult Oxford Compendium and it will launch COD9 and look up the highlighted word for you.

Oxford Thesaurus
This shares many of the basic features of the dictionary in the way it searches and cross-references. If you type in a word like 'earth' the word itself pops up with a + before it. Click on this and the various synonyms appear with their definition opposite for whichever one is highlighted.

If you want to take the search function one stage further it is possible to switch from 'quick synonym search' to 'full text search'. This presents you with the standard Boolean options of 'and', 'or' and 'not'.

Dictionary of Quotations
The Oxford Dictionary of Quotations is a very useful reference source for all occasions when you need to pick just the right phrase to make the point – speeches, essays or reports. It's invaluable for cross-word puzzles and quizzes.

It is organised in much the same way as the Thesaurus with the left-hand pane containing key words with a '+' sign which can be opened to reveal all the passages which contain that word. Type in 'page', open up the references and you can browse through 13 quotations containing 'page' by authors ranging from Hilaire Belloc to Alfred Lord Tennyson.

Hands On

In this month's Hands On Databases, Mark Whitehorn, with some help from readers, has come up with improvements to his recipe selecting database code. Even those who are not culinary experts should check out the example as it can be modified for a whole heap of other purposes.

For example, you could use it to select which engines can be built from a given list of components, or which courses can be run given a set of tutors with certain skill sets.

You'll also find Mark's code to convert name and address data that has been entered in lower case, to a format where the capitalisation is suitable for mailings.

Both the examples can be found in the folder **G:\PCW Hands 05_2000\databases\dbcmay00.zip** on the Corel Linux CD.

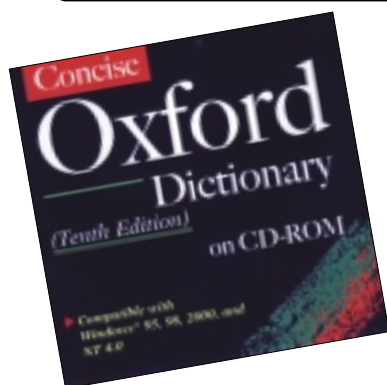Andrew Ward's NT column is also represented on the CD with a number of files and utilities to help you get the most from the 32bit beast. You'll find CHKUPGRD.EXE, which allows you to check out a Windows NT system to see whether there are likely to be any compatibility issues when you upgrade to Windows 2000.

We've also included Slowstart, DZPATCH and FoxStart for those having trouble with older versions of Fox Pro.

You'll find all these files in the folder **G:\PCW Hands 05_2000\WinNT** on the Corel Linux CD.

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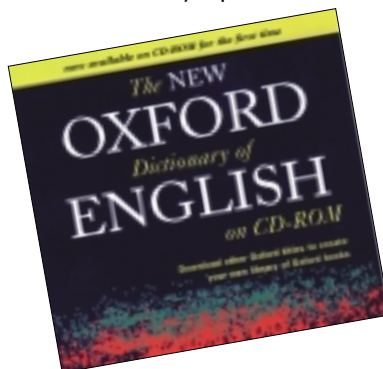
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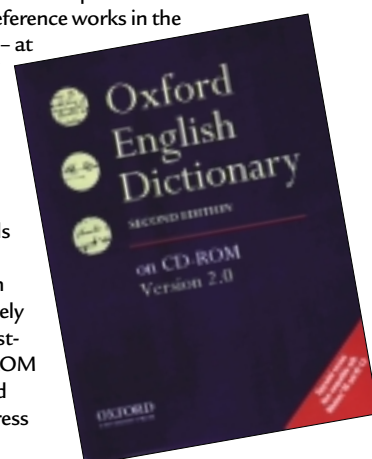- Advanced search – case-sensitive and proximity searching.
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- Search the full text of the Dictionary, or focus on a category of text such as etymologies, definitions, or quotations.
- Use wildcards and Boolean searches.
- Proximity search – find words that occur near, before, or after one another in an entry.
- Customise your display – entries and search results can be ranked in a number of ways according to your choice.

SYSTEM REQUIREMENTS

CONCISE OXFORD DICTIONARY (TENTH EDITION) PC with minimum 166MHz Pentium-class processor, Windows 95, 98, 2000 or NT4. 32MB of RAM, 10MB of free hard disk space, SVGA monitor, 8-speed CD-ROM drive

NEW OXFORD DICTIONARY OF ENGLISH Pentium-class PC, Windows 95, 98 or NT4. 32MB of RAM, 10MB of free hard disk space, SVGA monitor with 800 x 600 resolution and 16-bit colour settings (high colour or 64K colour), 12-speed CD-ROM drive (recommended) or DVD-ROM drive, 28.8K modem to connect to the VersabookStore and other online components

OXFORD ENGLISH DICTIONARY PC with 32MB of RAM (64MB recommended), miniumum 200MHz Pentium-class processor, 16-speed CD-ROM drive (32-speed recommended), Windows 95, 98, NT4, 750MB of hard disk space (required for indexes), SVGA monitor, 800 x 600 pixels, 16bit (64K high-colour setting recommended

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