

Windows Super User

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Authors note

This file replaces the text 'Escape from the Mousetrap', written in 1997. All the text from 'Escape from the Mousetrap' is still in this file. Very little have been changed.

English is not my mother tongue. I have written some part of this text my self in english. Please help me making this text better in english by emailing me suggestions.

Acrobat Reader: How to ...

F5 open/closes Bookmarks - **F4** open/closes thumbnails

In menu **View** you set, how the file is displayed

Ctrl+0 = Fit in Window, **Ctrl+1** = Actual size, **Ctrl+2** = Fit width

You can set **Single page**, **Continuous View** or **Continuous Facing**

.. try them out and you will see the differences.

Navigation

Arrow left/right: forward/backwards one page

Alt+Arrow left/right: same as in a browser: forward/back

Ctrl++ zooms in and **Ctrl +-** zooms out

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Beloved Cecily

Thank you, so much, my beloved friend.
You have shown me by your very being and doing,
what true love and understanding is.

You have been an example by *being* and *living* your words.
You are, what you say, and say, what you are.
Thank you so much for being with us.

May God Bless Your Soul.
Michael, 2002, October

About this text	6	Move	18
NOT for beginners	6	Move a file from one folder to another... 19	
You are lazy!	6	Copy	19
Windows Versions	6	Create an object	19
A few words about myself	6	Create a folder	19
History	7	Object properties	21
Keyboard and mouse	7	Folders	21
Updates on the website	7	Drives.....	21
Money.....	7	My Computer	21
Translators wanted	7	Desktop.....	21
Why Super User?.....	8	Windows Explorer and keys	23
My Intention.....	8	F2 - clever use of.....	23
My experiences	8	Alt+TAB.....	23
Why Super User?	9	The Alt key - important!	23
Windows Explorer	10	Start program: key combination	23
Objects	10	Programs on the Start Menu	24
Win Explorer: Navigation.....	11	Properties of a shortcut file.....	24
Right arrow logic.....	11	Starting Explorer from	25
Left arrow logic.....	11	A cheat.....	26
Résumé	11	Open files quickly using Explorer	27
Tip to avoid the A: drive.....	12	2 copies of Windows Explorer	27
Speed search.....	12	Win Explorer: Finding and	
Space (left-hand pane only).....	12	displaying folders and files	28
Backspace.....	12	Misc.....	29
Home, End, PgUp, PgDn.....	13	Favorites: organise	29
Ctrl+Home/End/PgUp/PgDn.....	13	Managing folders	29
* asterisk – left-hand pane only	13	Backup	29
Advice when navigating.....	14	BATCH files for backups	29
Win Explorer: Selecting	15	Recently opened documents	30
Select several files, but not all	15	Files: regular destinations	30
Selecting single scattered files	15	Restart Windows.....	30
Reverse selecting.....	16	All roads lead to... the operating	
Win Explorer: Sorting	16	system!	30
Adjusting columns (mouse)	16	Windows Commander.....	31
Adjusting columns (keys)	16	General	32
Managing objects	17	Shortcuts.....	32
Delete.....	17	F2.....	32
Recycle bin.....	17	Packer und entpacker	32
Rename	18	FTP - Ctrl+F	32
		Browser.....	32

Internet Explorer.....	33
Navigation.....	33
Internet Explorer 3, 4 and 5 - Netscape is bad with shortcuts	33
Refresh or Reload?	33
Tell a friend about the page, you are looking at right now?	33
Open a new window often	33
History and Favorites.....	33
Open a new window when hitting a link .	33
Das Adressfeld herunterklappen	33
Address field: select	34
Address field: edit	34
Jump through the links on a page.....	34
Forms.....	34
Opera Browser	35
Webmaster software	36
Frontpage 2000	36
Navigation bars	36
Xenu.de	36
PingPlotter.com.....	36
UltraEdit.com	36
My default Editor.....	36
Sort and remove duplicates	36
Replace	36
ReplaceEm.....	37
Multi-string-replace - Freeware.....	37
Becky - email program	37
My favorite program.....	37
Group Mail - Newsletters	38
Hostings.com	38
Why didn't they tell me ...?	39
A possible answer	39
Advantages of the keyboard	39
And when you must use a mouse.....	40
Can you think like a program?..	41
Computers and male/female energy.....	42
Enough for today!	43
Shortcuts.....	44

About this text

NOT for beginners

When I wrote this text, 2002 October, I was imagining you as somebody with some years experience with a Windows PC.

You are lazy!

You want it all without doing something for it, correct? Or are you interested in being able to work easier and faster with your computer? If so, you must make an effort.

How much time and energy are you willing to invest to achieve it? Are you prepared to drop old habits?

If you are replying positiv to both of these questions, this text might be able to help you – today, tomorrow, in six months time, in 3 years ... depends on you!

Whenever Windows is around and looks like 95/98, Me, NT, 2000 or XP, this text will probably also be around.

I wanted to same time, therefore I constantly was investigating how and that's how this text emerged.

Windows Versions

I May 1999 I had been using W98 quite a while. Since 2001 I have used Windows 2000 Professional in the english Version. I mostly use english Software or rather: software in the original language. This text has not been tested in all Windows versions.

A few words about myself

I was born in Denmark 1952. In 1980 I finished my Ph.D. in sociology and psychology after 10 years of studies. After a few years without a job a had several small jobs.

1992 I decided to be independent, and 1993 April 16. I published my first computer booklet in my own publishing house in Denmark: a 48 pages text for 4,- US dollars.

Other danish authors joined with their texts and by 6-8 titles in Denmark my project was a sensation in the publishing business in this small country.

I wrote my first booklet in 9 months. It became a bestseller and sold 1993-1997 more than 175.000 copies, the best selling computer publication ever in Denmark.

I published 35 titles in Denmark. They sold 1993-2002 around 1,4 Million copies. Other danish computer publishers had to copy my idea of small booklets at a fair price.

The german version of my first booklet was published in german 1995 and has sold more than 100.000.

During 1992-2002 I worked 330-350 days yearly around 8-16 hours daily at a Windows-PC.

I know, it sounds crazy, but I liked it and I still do. Otherwise I wouldn't do it. I am very grateful, that I can help so many people.

When I use a new computer program, I try to be aware of my own mental and emotional reactions. Most of the time I use between 3 and 7 program at the same time. The more programs I open, the longer it takes to switch to the right program.

If I realize, that I do not use one of my programs for a while, I close it, and this makes the changing of programs via [Alt+TAB](#) easier and faster. Basically I do not switch between open programm by clicking the taskbar.

I would like you to know some background stuff about this text: thousands of hours of working with a windows pc.

I am aware, that compared with other authors, I write differently. My first computer booklet, a pioner work about DOS, was written 1992 and published in danish in Denmark 1993 and ever since that time I have been spending all of my time with the project KnowWare – first years publishing computer booklets in Denmark and since 1995 publishing computer booklets in the german market, which includes several european countries.

1995 I started a danish website for KnowWare and shortly after one for the german booklets and a english one as a service to the people in the rest of the world.

History

During the summer of 1997 I realised that there were some keyboard shortcuts which really speeded up using **Explorer**. I very quickly discovered even more keys and key-combinations which meant that I was able to use the keyboard for over 90% of my routine work, both **Explorer** and in other programs.

Unfortunately Microsoft and other software developers – and many lazy users – are so mouse obsessed that the mouse has to be used for some operations. Hopefully there will be operating systems and programs which can be used satisfactorily with the keyboard.

I know that an increasing number of people are suffering health problems (RSI) from using the mouse too much – hopefully this booklet can help you avoid these sort of problems.

Keyboard and mouse

The text describes my experiences with Windows and Windows software. My main purpose is not only telling you, how to use the keyboard, but rather: how do you use the mouse and the keyboard together, but priority is still: use the keys as much as possible.

Let's go!

You will find that things are only mentioned here once. So be alert while reading. On purpose you will find few pictures. I assume, that you do not need a lot of pictures.

Give the keyboard a chance. Your body and muscles will thank you for it. Just remember two things:

1. practice makes perfect
2. things take time (including learning new habits!)

and finally, a little request: Please let me know what you think of this text. The text will gradually be translated and published throughout the world, so please help me improving it.

Updates on the website

I will try to update this text, but only on the website. Still an increasing number of people on this planet have a fast and inexpensive internet connection and this medium suits me very nicely.

Money

Somebody might say: 'Michael, if you give away your text for free, you are not gonna make any money!'

I do make and already have made enough money. I am very grateful, that this gift was given to me thanks to all the readers who bought and still buy the KnowWare booklets.

My very good friend Johann-Christian Hanke always says: 'Spaß muss sein', and in english I guess you would say: 'Without fun, no action' – anyway my intention is the circulation of energy and that includes money as well. The day that I do not have any fun any more, I will do something else.

Translators wanted

Maybe you want to translate this text to your mother tongue? On the website you will find more information. This text will be free as a PDF files in all those languages, where the booklet has not yet been published in paper.

I hope you have a lot of fun while reading and testing your new habits on the keyboard :-)

MichaelMaardt@knowwareglobal.com

2002 Nov., Denmark

Why Super User?

Before we really start, let me please tell you, why I have chosen the title. I imagine, that you want to work easier and more relaxed and faster with Windows and Windows software.

We all want to accomplish things as fast and easy as possible. We save time. The last years I have been sitting in front of a Windows PC for hours daily, up to 20 hours with only a few breaks. I guess average 12-14 hours daily.

Ever since 1993 I wanted to do many things. It takes time and especially with software, that is produced from very few companies like Microsoft. I do not want to go into a deep discussion about MS here, but this company has always tried to create products in such a way, that the user develops a dependency.

It has always been difficult for users of Microsoft products to get the software to work with other than MS software. Most user felt trapped and forced to stay with MS products. Fortunately the times are changing. Now we have options in form of Linux, OpenOffice, loads of Shareware and Freeware. Better and cheaper - or free.

My Intention

My intention is clear: I tell you how I work. You might wanna try it. It is that easy. In the last years I was always trying new ways to work easier, faster and better with less stress.

I have been looking for Software and primarily tested the shortcut keys. Are they good and can I customize them myself?

My experiences

After school I read a lot. I always liked to write. When I was 18 years old, I learned how to type fast. I spent an hour daily for 30 days. This investment ist one of the best, that I have done to make my life more comfortable and easy.

1970-73 I studied sociology at the University of Copenhagen. In 1973 I wanted to read quite many german books (Marx, Freud, Reich, but also some authors from the

Frankfurter school), and I decided to go to Frankfurt for at short time to learn the language.

I stayed longer than intended, for about 3 years, but I learned the language - otherwise there would be no KnowWare in german!

I did read many intellectual theories and books on sociology, psychology, theory of science and philosophy. My intellect was trained. With great interest I studied the philosophy of Hegel and Marx.

I learned, how to analyse a subject in a structured way and to think abstract. My experiences in studying logic and logical thinking help me immense, when I later tried to understand the way computers work.

Shortly: my intellectual or mental consciousness was trained in a relativ early age.

1980 I finished my Ph.D. in sociology at the University in Copenhagen. Around 1985 I started working with computers.

If you think back, it is just amazing, how fast things have developed in the IT-world, for too many people too fast. Within the last 10 years I have probably had 10 PC's.

I never buy the newest, always the one, that was new 6 months ago. The latest is always too expensive.

I was never intrigued by WordPerfect, but started right away to use MS Word as my word processor and text editor. I liked the concept of styles. Back in 1985-6 Nis Refslund taught me the basic stuff of computers: He programmed himself and taught me about bytes, ASCII and other technical stuff.

For some months we worked together in a small company converting and preparing all kinds of files for type-setting. We really had to be creative. This was my basic computer training.

Why Super User?

I guess, that I work 10 times as fast as the average user in the world. I also type quite fast in 3 languages. That's why I have accomplished so much in few years. I have probably done the same work as 3 persons could do.

What I want to say: I can do more than most people in the same amount of time. That is very nice, not that I am faster than others, but I manage to get a lot of things done. The reason: Some years ago I decided to!

I repeat: I made a decision, because I wanted and still want to do a lot of things in this life. Unconsciously I always knew, that one day I would do something special. I remember a friend of mine many years ago asked me, as he did my horoscope: Michael, one day you will have a lot of energy. Did you ever consider, what to do with this energy?

I had no idea at that time. Now I know.

Windows Explorer

I recommend to hide the toolbar **Address** hidden: **Alt, View, Toolbar** (keys: **Alt, V, T**)

Press **Alt, View, (Folder) Options** and select **View** and select **Display the full MS-DOS path in the title bar**.

By default **Explorer** opens at **C:\WINDOW\START MENU**. **Explorer** displays two *panes*. The *right-hand* pane is **My Computer**, while the left-hand pane shows a tree structure displaying all objects except the lowest level possible: files. So **Explorer** runs **My Computer** (as a component of **Explorer**) in the right-hand pane. You can work in either the left-hand or right-hand pane, but not in both simultaneously, and what you do in one pane will be *mirrored* in the other. It is just like a mother and child relationship. To move between the two panes, just press the **Tab** button.

In a moment I will show you what is possible (without the mouse!), but very influenced by the way I prefer to work.

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Objects

Before we go any further, there are some terms which need to be defined.

Throughout Windows, Microsoft talk about *objects*. There is nothing mystical about this term, it is just a word for the different parts or elements which a computer and its programs consists of. Windows is made up of many different types of objects, which belong

in different levels. The Explorer program is there to show and manage all these objects.

The different types of objects can be described as a hierarchy. The picture shows the hierarchy on my PC, which is built up entirely logically, with one exception, where Microsoft have "cheated" in an attempt to make things easier for beginners. The only difference on your machine is that maybe you only have one hard disk, which will be (C:).

Explorer displays the different levels in the left pane (see window). Physically, your PC consists of a monitor, a keyboard and a CPU unit (the big grey box!), of which the following components are relevant to this discussion:

one or more diskette drives, one or more hard disks each containing one or more drives, perhaps a CD-ROM drive, probably a printer, maybe a modem, and other physical parts (mouse etc.).

If your PC is attached to a network, you will have one further icon, called **NETWORK NEIGHBORHOOD**.

My Computer is the top level, above all these physical components. The **RECYCLE BIN** in on the same level as **My Computer**, because the recycle bin is *common* for all (hard) disk drives. Unfortunately the logic falls down a bit here, because the Recycle bin cannot be used for the diskette drives.

Let us just go through a list of the most relevant objects in a descending level order, starting at the top: **DESKTOP** – **My Computer** – Drives – Folders – Files – Shortcut files.

Win Explorer: Navigation

Start with **Tab** – a folder will be selected in the *left-hand pane*. This section only describes **Navigating** in the *left-hand pane*.

To open a folder, most people try clicking on the little plus sign to the left (if they can hit it!), or double-click on either the yellow folder symbol or the folder name.

Each of these will open the **START MENU** folder if you use them directly after opening **Explorer**. If you are not already there, find and select **START MENU**.

Most people have probably tried the **up arrow** and **down arrow**, but how many have considered that the **left arrow** and **right arrow** might also do something? And they do, they actually perform some of the most useful functions in **Explorer**.

So try playing with *all four* arrow buttons for a few minutes and see if you can understand what it is they do. Keep a sharp eye on the small plus and minus signs to the left of the folders while you play. Don't read any further before you have experimented for a few minutes!

Right arrow logic

The **right arrow** has two ways of functioning:

- A folder with + on the left: the right arrow expands the folder *without* moving the selecting. The small plus changes to a small minus.
- A folder with – on the left: the right arrow moves the selecting down to the first sub-folder (**down arrow** does the same).

Left arrow logic

No matter how many folders there are on a level, the left arrow will always jump first to the parent folder, and then a second press will collapse the folder tree. So the left arrow is a highly efficient tool as it always jumps to a *higher* level and then closes the lower level 'after itself'. Very practical as after you have moved up to another folder, you do not need to see the contents of the folders you have just left.

If you want to move towards the parent folder, but keep the folder tree open, then use **Backspace**.

After a little while you will get into the habit of using a mixture of **Backspace** and the **left arrow** to do exactly what you want.

Keep pressing the **left arrow** until all that you can see is the Desktop.

I assume that you know where you are within the folder system, you are in the **START MENU** system, which contains a load of folders containing shortcut files.

The menu system you start with the Start button is a *graphic representation* of the **START MENU'S** folders; just these folders and the shortcuts they contain, no more! Now you have understood the different levels of drives, folders, files (including shortcuts), as soon as you learn to move folders and files, then you can organise your Start button so it is precisely as you want it.

Résumé

- The left-hand pane displays all objects except files.
- The right-hand pane shows all objects except for the **Desktop**

When you think about it, this is highly logical. All elements within Windows are objects.

Explorer displays all objects in two panes with one difference in level between the left and right hand pane: The left-hand pane starts at the highest level: **Desktop**. The right-hand pane displays the *contents of the object selected in the left-hand pane*. So the lowest level in the hierarchy (an object file, or just a file, if you will) can only be displayed in the right-hand pane, which however cannot display the highest level in the hierarchy, the **Desktop**.

- The left-hand pane: Here you move around.
- The right-hand pane: Here you manage your files (and folders).

Tip to avoid the A: drive

When you use [up arrow](#) or [down arrow](#) and let a folder containing many files remain selected for too long **Explorer** starts working to update the view. The hour-glass appears. Hurry up and move further, maybe by holding an arrow key down until you arrive at a folder which does not contain so many files.

The same trick can be used when the A: drive is selected. If you are not fast enough you have to wait for ages before being told that the drive is not accessible. The first time this happens use the arrow keys to move between the two buttons, [Right arrow](#) to the right hand button (to Cancel) and [space](#) (same effect as [Enter](#)) to get away. But next time remember to move the selecting a little bit faster over (A:)

Speed search**The same letter key slowly repeated**

You can quickly find any object using a single key press. If you press a letter key several times, and not too quickly, the selection will jump from one object to another whose name begins with this letter (in the left-hand pane and *only* among open – expanded – folders).

Note that this does not work for drive letters (A:, C:, etc.), but does work for drives if you have *labelled* them (but see [Space](#) p. 12 below).

Type yourself home

If you press different letters, like [win](#), one after another reasonably quickly, **Explorer** tries to find the first object starting with these letters (in the left-hand pane *only* among open folders). Very efficient.

Unfortunately you cannot immediately see drive of the object, you will have to wait for the *right-hand pane* to be updated, showing the full path in the title bar above the pane. But you can always navigate in only one drive at a time, i.e. with the other drive folder trees collapsed.

NB! You can speed search ALL objects, including the **DESKTOP**, **MY COMPUTER**, **PRINTERS**, **CONTROL PANEL**, **RECYCLE BIN**, the different drives if you have labelled them, etc. etc. All you have to do is spell your way to

them – could it be any easier? A shame that Microsoft forgot to tell anyone about it!

You will have to experiment until you find the difference in typing speed necessary for **Explorer** to be able to differentiate between the two types of speed-search.

Space (left-hand pane only)

The [Space](#) bar jumps to the next *not*-labelled of your drives (you label a drive using [Alt+Enter](#)).

This is the reason I suggested *removing* the toolbar [Address](#). Strangely enough this does not work for diskette and other removable (Jazz, Zip etc.) drives, but does work for CD-ROMS with an unlabelled disk in.

In W2K I cannot press space to get to the next drive.

Backspace

Try moving around, but just in the left-hand pane. Expand some folders using [right arrow](#) until you finally end up far down in the hierarchy.

Now, instead of using [left arrow](#) use [Backspace](#). This moves towards the parent folder with every press (moving both selecting and focus – what is displayed in the right-hand pane), but does not contract the folders, which is practical when you want to return to the same folders. You do not need to expand them again when they remain unfolded.

In the right pane (which is **My Computer**) [Backspace](#) does the same.

So you ask: what is the difference between navigating with left-arrow or Backspace in the left pane and Backspace in the right pane? Well, result is almost the same, but navigating in the right pane makes a lot of flickering of files in the right pane.

The [Left arrow](#) jumps up one level each time, but before jumping to the next parent folder it uses a second press to contract the folders it was in. [Backspace](#) has not time to be so considerate. It leaves its children open and unprotected and just rushes to get home.

A small disadvantage

There is one small disadvantage here, though this depends on what you want to do. Even though the **left arrow** contracts the folder tree, **Explorer** remembers which folder was last open. So the last folder you saw on screen will be the one you get next time you expand the folder tree.

Select any folder 'deep' in the hierarchy, i.e. a long way out to the right.

1. Use **Backspace** to return to the parent folder.
2. Contract it using the **left arrow**.
3. Expand the branch again using **right arrow**. You will be presented with as many open folders as you left. That is just the way it works, but you can after 3. press **F5**. Explorer updates and now only expand one level.

Home, End, PgUp, PgDn

These keys move *both* selection and focus.

Ctrl+Home/End/PgUp/PgDn

Only move the focus, not the selection. Use the **down** or **up arrow** to quickly return to the selection, which may not be visible any longer. Try these keys and you will see, if you can use them.

Moving horizontally

If you dive a long way down into the folder hierarchy, it maybe that you can no longer see the name of the folder you are in as it is covered by the right-hand pane. **Ctrl+right arrow** and **Ctrl+left arrow** move the contents of the window into view.

If you still cannot see all you want to, then you will have to get hold of the mouse and drag the centre line to the right to increase the area of the left-hand pane.

Moving vertically

If you have so many folders open that you cannot see them all in the left-hand pane (the vertical scroll bar appears) you can do one of two things.

1. Move up and down using the **up arrow** or **down arrow**, but this also moves the selection, forcing **Explorer** to try and update the right-hand pane. If you want to move the selection, then this is OK.
2. On the other hand, if all you want to do is look (i.e. move the focus) *without* moving the selection, then use **Ctrl** together with the **up arrow** or **down arrow**. This is smart when moving or copying: You have prepared a file or folder for copying or moving and are now looking for the destination folder. As soon as you see the folder on screen, speed-search to it! You avoid having to moving the selection (by using the arrow keys) over the folder, and wasting time while **Explorer** updates the right-hand pane.

* asterisk – left-hand pane only

Read this before pressing the key!!

Do not press it, if you are connected to a network

Remember: Use the **right arrow** and **Space**, when you see a dialog box informing you that the diskette or CD-ROM drive is empty.

The **asterisk *** on the numerical keyboard (over the number 9). This does something which can take a little time, so be prepared. It *expands an entire branch*. A branch contains *all the contents of an object*, including *all the contents of any sub-folders*. Start with something small!

- Select a folder containing some, but not too many, sub-folders. Press the **asterisk**.
- Try selecting your C: drive and pressing the **asterisk**.

If you have several drives and want to: Select the **DESKTOP** (highest level). Now press the **asterisk** – everything happens!

Every folder on every drive will be expanded! The asterisk is sometimes called the star, and when it behaves like this, it is easy to see why!

After doing this you can do a speed-search and find one particular folder among thousands.

Advice when navigating

You should not navigate in the right-hand pane of **Explorer**. You can do it by pressing **Enter** when a folder is selected, which opens it, or by using **Backspace**, which opens the parent folder, but I do not advise it. Navigate in the left-hand pane.

Give the keyboard a chance. It is hard to break ingrained habits, but make the effort to get used to using speed-search. I usually move around using a mixture of speed-search and left and right arrow. It has become as natural as touch typing.

Remember: practice makes perfect.

If you use a little time and attention for week or so, you will not only save time in the long run, but also your muscles.

Win Explorer: Selecting

Every time the selecting moves to a new object in the left-hand pane, **Explorer** tries to show what it *contains* in the right-hand pane. As soon as you allow the selecting to remain stationary for a second or two, the status line displays:

- the number of objects
- their total size
- the free space on the drive

Try this – slowly:

1. **Tab** to move the selecting to the left-hand pane.
2. Select a new object (drive or folder).
3. Press **Tab** several times.
The selecting moves between the current folder in the left-hand pane and a dotted selecting of the first object in the right-hand pane. Notice that the status line shows the same information. So from the start you are told about the current object – the object in the left-hand pane.
4. Use **Tab** to move to the right-hand pane.
5. Use **Space**, **right arrow** or **left arrow** to select the current object (in the right-hand pane).

Now the status line tells you something new. Use a little time to experiment with this. It is important that you understand the difference between the right and left-hand panes.

Important:

- The *right-hand* pane is **My Computer**.
- **Explorer** contains **My Computer**.

Every time you select another folder and then use **Tab** to move to the right-hand pane, you only end up with the dotted selecting. You have to use a key to select it properly. My normal way of working is as follows:

- Find the folder in the left-hand pane
- **Tab** to the right-hand pane, then use **down arrow** or speed-search (!) to select a file.

Selecting several files

First use the mouse to choose your sort criteria (name, size, type or date), in either ascending or descending order.

- Select the first file
- Hold **Shift** down, locking the selecting on that file
- Up arrow or down arrow as many times as is necessary to select the files you want
- Release all keys
- An arrow key or **Space** removes the selecting

That is not so difficult, but what if I had not wanted to select **896.BMP** and **898.BMP** in the example above?

I could use the mouse: hold **Ctrl** down and click on **896.BMP** followed by **898.BMP** to remove the selecting on these two files. You are less likely to make mistakes using the keyboard, and you can use one of two different methods:



Select several files, but not all

It is not difficult to select a single object, but what about several?

- After selecting every desired file, release all the keys (**Ctrl+A** selects all files).
- Hold **Ctrl** down and press the up arrow several times.
- A dotted selecting moves from file to file.
- Press **Ctrl+Space**, which removes the selecting from the selected file.
- Release all keys.



Selecting single scattered files

- Hold **Ctrl** down when you are on the first file
- up arrow and down arrow to choose each individual file. You will see a dotted selecting move up and down.
- Press **Ctrl+Space** on every file you want to select.
- Release all keys

Reverse selecting

A variant of the method above: You want to select nearly all files in a folder. Select those which should *not* be selected, then choose [Alt, Edit, Invert selection](#). I use [Alt, E, up-arrow](#). All non-selected files are now selected, and vice-versa.

One last word on selecting

Everything I have written above about files is also applicable to folders, but only in the right-hand pane. This is due to the following important rule: You can only select *several* objects in the *right-hand* pane.

Win Explorer: Sorting

- 1) How are the files displayed?
This is set using the [Alt, View](#) menu (one of four possibilities: 1. Large icons, 2. Small icons, 3. List or 4. Details). I have chosen [Details](#), showing the file's [Name](#), [Size](#), [Type](#) and when it was last [Modified](#).
- 2) How are the files and folders sorted?
Which criteria are used for sorting?, again there are four possibilities: [Name](#), [Size](#), [Type](#) and [Modified](#).

Files can be sorted using one of the criteria displayed by clicking as shown on the picture above. To do the same with the keyboard, choose [Alt, View, Arrange Icons](#) and choose the criteria you want to use. However, Microsoft have deserted keyboard users on one point: a second click in the same place, *reverses* the sort order. As far as I know this cannot be done using the keyboard.

Adjusting columns (mouse)

If you usually have [View, Details](#) switched on, you know the situation where one or more columns in the right pane are the wrong size, too small or wide for their contents. It looks something like this:

Move the mouse over the black dividing line between two columns and double-click. The column to the left is adjusted to show all the text.

Adjusting columns (keys)

But much smarter: press [Ctrl+num+](#) (numeric keyboard). All columns are adjusted.

Managing objects

I have deliberately not headed this section "Managing files". It is important to understand that all the elements **Explorer** displays are objects. I am well aware that we work mainly with files, but drives, system folders, 'ordinary folders' and files (including shortcuts) are all objects. I want to hypnotise you into remembering that every *object* has *properties*. Let us take a look at something we all do regularly: delete, copy, move and rename objects; usually files.

Delete

You can delete the following objects: files, folders, (both in the left and right-hand panes), but not system folders, drives or objects at a level above these. Luckily! After selecting one or more objects, press **Delete**. What happens now depends on the options chosen for the Recycle bin.

Recycle bin

Win95 introduced a very useful facility – at long last. We have all deleted files, and later wished we hadn't. Mac users have had a trash can on their desktop for years. And finally Windows users have one too.

The Recycle bin is what is called a system folder. Let us take a look at its properties. Most people will activate the Recycle bin via its icon on the Desktop, but we will not.

Explorer shows it as one of the last objects in the *left-hand pane*. Press **End** and you will be close to it, if you do not actually land on it.

Select the **Recycle Bin** and press **Alt+Enter** (the keyboard shortcut for an object's properties). A dialog box will now be displayed where you can choose different options.

1. If you have several drives, you can either choose the same settings for each drive (very practical), or configure each drive separately.
2. whether a file should be sent to the Recycle bin when deleted (so you can get it back if you change your mind). Recommended. So this check box should be inactive, without a tick in it.

3. the maximum amount (in percentage) of a drive or hard disk which may be given to the Recycle bin.
4. if you should be asked to confirm the action every time you delete a file (irritating if you have chosen to send deleted files to the Recycle bin). Not recommended.

If you have chosen the settings as I suggest, then a file is instantaneously sent to the Recycle bin the second you press **Delete**. If you want it back, press **Ctrl+Z**.

If you are 100% certain that you will never need a file again, press **Shift+Del** and the file is not sent to the Recycle bin, but actually deleted from the hard disk (no way back!).

Deleting files in the Recycle bin

1. You can look through the files in the right-hand pane. This will show you what you have deleted since you last emptied the Recycle bin. If you want to, **Tab** to the right-hand pane and go through the files before deleting them. Select them you are sure you want to delete. If you want to delete them all: **Ctrl+A** and press **Del**.
2. Windows insists on giving you a last warning. Choose **Yes**, and your files are deleted, gone forever.

Getting files back from the Recycle bin

1. You can see where the file came from under 'Original Location'. **Shift+F10**, choose **Restore**, and the file is sent back to the location it was deleted from.

What happens when the Recycle bin is full and you delete a file?

You have specified a percentage of one or more drives to be used for the recycle bin. At some stage the recycle bin is full. What does Windows do with the next file you delete? Answer: This file is put into the recycle bin, and the 'oldest' file in the recycle bin is permanently deleted, without you being informed!

It is an important fact to bear in mind. So if you still want to be able to retrieve files you deleted a long time ago you should do two things:

1) Specify so high a percentage that the recycle bin never fills up, and 2) empty it regularly.

If you, like me, are always 99% certain that you will not need to retrieve a file you delete, do not like using space on your hard-disk for the recycle bin and it annoys you having to empty it regularly, then specify a percentage figure of between 1% and 5% for your recycle bin. You might think that setting it to 0% would solve this problem, but doing this just makes Windows ask you for a confirmation every time you delete a file.

Specifying a low percentage does not use so much hard disk space, but you can still correct a mistake (if you are fast enough) and you do not have to confirm every deletion. And more importantly, the recycle bin empties itself continuously.

But .. if you have a 100MB recycle bin and try to delete more than 100MB, Windows tells you: *The folder xx ist too big for the Recycle bin* and then asks you: *Do you want to permanently delete it?*

Rename

Explorer can only rename folders or files.

You can only rename one object at a time (one of **Explorer's** few limitations).

Select the object (folder or file) and press **F2** to edit the name.

The name is surrounded by a solid frame, but remains selected. Use the **left arrow** and **right arrow** to move the selector to keep the existing name, then edit it to the name you want. If you change your mind, **Esc** will bring you back to the original name, as long as you have not pressed **Enter** in the meantime. The new name is first accepted when you use **Enter**.

Move

Microsoft borrowed the 'cut and paste' concept from other programs, word-processors in particular, and applied it to the moving procedure for files and folders, the idea being this:

1. the object is 'cut out' and placed in temporary storage
2. the cursor is then moved to where the object should be inserted, and it is pasted in.

The beginner's problem in a word processor is understandable. Cutting something out from the text means that it disappears from the screen, "Help, where has it gone?"

Many people find this method even harder to accept when it is applied to files, or even entire folders. They want to be able to see two places: 'From' and 'to', so they open two windows containing **My Computer** and drag the file from one to the other.

In fact: the object is *not* cut out and inserted!

1. Select the file you want to move in the right-hand pane of **Explorer**. For example a file called **C:\WEST\INVITATION.DOC**
2. Press **Ctrl+X**
This *prepares* the file for moving. Nothing has actually happened to the file! **Explorer** remembers *the path* to the file (in the clipboard) and shows this by fading out the file's icon.
3. Select another file and press **Ctrl+X**.
The first file is now back as it was, and the current file becomes the candidate for moving.
Esc undoes 'operation moving'.
4. **Tab** to the left-hand pane and navigate until you find the folder you want to move the file to, for example: **C:\EAST**
5. You can see the contents of the folder in the right-hand pane.
If you change your mind now, then all you need do is *not* press **Ctrl+V**.
6. If it is the correct folder, then press **Ctrl+V**.
It is only now that the file is really moved. **Explorer** changes the file's path to **C:\EAST**. Physically the file is actually still in precisely the same place on the hard

disk. So you do not hear any noise from your hard disk, even though you may have moved a large file. If you change your mind after **Ctrl+V**, press **Ctrl+Z**.

You can see from this description that the file *is not* sent to any sort of temporary store. Calling the operation 'cut and paste' and using the menu point **Cut** is simply wrong! This is the reason that so many people are afraid of moving files and folders using this method. Microsoft (and various authors) deserve to be criticised: Tell the truth!

Move a file from one folder to another

I use the folder **C:\ADATA\MANUALS** for PDF-Manuals mostly downloaded from the net. All my downloads are saved in **C:\DOWNLOAD**, and later I move the file to an appropriate folder. I just downloaded a pdf from viewsonic and I would like to move the file in **C:\ADATA\MANUALS\VIEWSONIC**

I go like this: in Windows Explorer: **Alt+A** (menu favorites), 2 times **D** (the first folder beginning with a D is my folder domain), then my folder D. I press **Enter** to expand folder D, and again **Enter**, because **c:\download** is the first menu in this folder.

I know, that the filename starts with v - viewsonic. Therefore I press v and select at the same time the file.

I press **Ctrl+X** to prepare for a move, then **Alt+A**, **M** to find the folder **MANUALS**. I press **Enter** to expand the menu and the **Enter**, because the folder **MANUALS** shows up as the first menu point.

Every time I add a folder on my own local PC to the favorites I move it to the top of the folder in the favorites hierarchy.

To move files and/or folders is much easier with Windows Commander. I describe this software (file manager) on page 31

Copy

First select the object you want to copy. **Ctrl+C** prepares it for copying. Now select the folder you want to copy it to in the *left-hand pane*. Press **Ctrl+V**. It is only now that it is copied to the new folder. What happens is the same as that described above under **Moving**.

Advice on managing objects

Ctrl+X is used to prepare for moving, and **Ctrl+C** for preparing to copy. Find and select the 'target object' (usually a folder) in the *left-hand pane*. In the right-hand pane you will see what it contains.

This is the way you learn to be aware of the difference between the left and right-hand panes. When the left-hand pane displays an object, the right-hand pane shows what this object contains.

Create an object

Up to now we have only talked about objects which already exist. But how do you create an object yourself? Dropping down the hierarchy, the first object a user can create is a drive. This is outside the scope of this booklet - you will have to read about FDISK.

The next level is a folder.

Create a folder

- 1 Select (C:) in the left-hand pane
- 2 **Alt, File** – the first menu point **New** is already selected
- 3 Press **Enter** – the menu drops down with the menu point **Folder** already selected.
- 4 Press **Enter**
A new folder appears at the bottom of the *right-hand* pane. This folder is created one level lower than the object you started at (C:), in other words: it is contained in object C: so it appears in the right-hand pane. The folder is named **NEW FOLDER** (logically enough). White letters and selected in black.
- 5 Type the number '1', and the name **NEW FOLDER** is deleted immediately, to be replaced by 1.

Press **Enter** to accept the new name.

One of **Explorer's** weaknesses is that it does not automatically update its windows. For this you must use **F5**, press this and both windows are updated, sorted correctly.

It is important to understand the logic in this operation. You have selected an object in the left-hand pane. You create a new folder for that object. The new folder is displayed in the *right-hand* pane, because it is *contained within* the selected object.

At first I found it hard to come to grips with all the various folders and their relationship to each other when I copied or moved entire folders and their contents.

Object properties

Let us return to objects and quickly revise their different levels: **DESKTOP** – **My Computer** – Drive – Folder – File – Shortcut

One of the messages of this text: You can get to all objects and preferences via **Explorer**. Let us take a look at these different objects' properties using **Explorer**. You can always press **Alt+Enter** to see an object's properties.

Folders

Find a folder which contains many sub-folders. Press **Alt+Enter**. The number of folders and files it contains, together with their total size, will be displayed. Practical when you need to know how many Megabytes a folder contains (when you are tidying up, zipping or backing up).

Drives

Select a drive and press **Alt+Enter**. A useful pie chart is displayed showing the drive's total capacity, the space used, and the space still free. You can label (name) the drive (useful for speed-search) and **Ctrl+Tab** will bring you to three programs which you can use to test (I recommend this is done regularly), backup or optimise it. The last procedure is called defragmentation.

My Computer

Select **My Computer** in the left-hand pane. The right-hand pane displays details of *all* drives: capacity and free space. Press **Alt+Enter** (identical **Control Panel, System**).

Desktop

Press **Home** and you land on the **DESKTOP**. I will not describe **Settings**, where you specify your screen resolution, as this is outside the scope of this booklet, but it is important that you use the highest possible screen resolution which gives a sharp picture. Another important point related to screen resolution is: what colours do you have on your screen?, or rather: have you just let Microsoft decide for you? You can set nearly all the different

elements yourself, giving them exactly the colour you want.

Press **Alt+Enter**. Use **Ctrl+Tab** to tab to **Appearance**.

I recommend that you use some minutes trying out different colour schemes. It is important that the colours and character sizes suit you. The best thing with this dialog box is the button on the right: **Apply**. Every time you have changed one of the many variables and choose **Apply**, the different values are activated, meaning that they are visible everywhere. Open **Explorer** and, for example, Word. You can see immediately if a particular option suits you.

I have used many hours testing the different settings, not just to protect my eyes, but also to find settings which give the easiest to read pictures for these booklets.

The upper part of the dialog box shows the different elements displayed in Windows: an inactive window, an active window, a dialog box and the background. With the exception of the background, every element is composed of further elements, each of which can have its own colour, font and possibly font size. Click on an element in the example window and notice that the **Item** field displays its name, and various values are shown under **Size, Color, Font, Font size and Font colour**, and some elements also allow you to choose between **Bold and Italic** styles. There are more than enough to choose from.

So you can alter many elements. When you have a scheme which you like, you can save the entire thing as a colour scheme, to which you can give a name. Microsoft have come up with a number of different colour schemes, which you can check out by using the down arrow in the **Scheme** field. Most of them are unusable.

My suggestion: Start by choosing **Save As** and writing your own name as a colour scheme.

Click the **OK** button, click **Color**, click **Other** and enter 224 for all values Red, Green and Blue. This gives a lighter raster colour, which stands out in many places in Windows, you can see where by choosing **Apply**.

Notice the element named [Icon](#). You cannot choose this by clicking, but have to get to it from the list of picture elements. [Size](#) decides an icon's size on the desktop, in **Explorer** and **My Computer**. Important; the font and its size decides what is used in **Explorer, My Computer** and other similar programs. Use a little time to find the font and size which suit you best. Try Arial, FixedSys, Ms_Sans_Serif and System as fonts, try their different sizes.

Click on [Scrollbar](#) and try making them larger. If you use the mouse for scrolling they will be easier to grab hold of right out at the edges of the screen.

It is important what you choose. You will be staring at it for many hours, so choose something you like, and try changing it every third month just for variety. Large characters are easier to read, but you cannot see so many folders or files at a time, so you will have to compromise. Experiment and, as I said, spend a little time pkaying around, it will pay off.

Windows Explorer and keys

F2 - clever use of

I just made a mistake. I saved a pdf file with wrong name. The correct name is

`WINME98_NEWPAGES.PDF`

– but I saved it as `WINME98_2.PDF`. Now I have in the same folder these 2 files:

`WINME98_NEWPAGES.PDF`

`WINME98_2.PDF`

The first one is the correct *file*, but the correct file *name* is the second. What to do? I select the first file, press **F2**, **Ctrl+C**, **Enter** and **Del**, that means: I made a copy of the correct file name and deleted the wrong file.

Then I select the correct file and press **F2**, **Ctrl+V** and **Enter**. Got it? It took my 6 years to get this idea!

F2 is handy, when you want to get the name of a file and copy it somewhere else, could be in an email, when you are attaching a file, and want to tell the recipient of the filename in the body text of the mail.

Alt+TAB

I work with several programs at the same time. The open programs are displayed in the taskbar. A click on a button and the program is activated and therefore in front of all other windows.

From Win98 Microsoft introduced these buttons as toggle-buttons, meaning repeated click switched between minimized and activated. Unfortunately you cannot do this via the keyboard.

The Alt key - important!

You should be sitting at the computer with a Windows program running while you read this! The **Alt** key has a very important function in all Windows programs, but at first glance it is difficult to see what it does. Pressing the **Alt** key appears to do nothing – or very little, anyway. But three little things do occur: the text selector disappears, the mouse selector changes to an arrow and the status line shows a message.

Try these exercises out, so you understand what is going on.

Press the **Alt** key (I use the thumb on my left hand) and release it. This key-press means that the roll down menus are ready to use.

Use the right arrow key to move between the menus, and press the down arrow to drop down the menu you want. Press one of the underlined letters in the menu, which will carry out the function, or display a dialog box. Instead of using a letter key, you can also use the up or down arrow keys to reach the menu point, and then press **Enter**.

To repeat: Press and release the **Alt** key. Press the down arrow key, then the right arrow key.

An alternative method: Press and release the **Alt** key, then one of the underlined letters from the menu bar, like **F** which will drop down the File menu.

Feel the difference between holding the **Alt** key down while you press **F**, and pressing and releasing the **Alt** key before pressing **F**. The latter is much easier, especially if you have a macro attached to the **Alt+F** key combination when the only way to display the menu is to use this latter method.

Being able to touch-type is a distinct advantage if you use these methods. You keep watching the screen when you display the menu, and simply type your way to the underlined letters.

To close the menus and return to the program, press the **Esc** key until the text selector reappears.

Start program: key combination

When I used Windows 3.11 I got used to starting programs I used all the time with **Ctrl+Alt+a** letter. **Ctrl+Alt+W** started Word, **Ctrl+Alt+E** started Excel etc. etc.

After installing several programs in Windows it appeared that I had to go via the **Start button** (henceforth just called **Start**) and various menus to find a program. This irritated me and took too long.

I open and close programs several dozen times a day, so I wanted to find out the fastest way of starting my most used programs. The programs that I only use a couple of times a week should also be quick to get to, but with them it was OK if I had to press a few keys first.

If you are a complete beginner, this might feel a little advanced, but try it anyway. Let us assume that you want to start your favourite program using the key combination named above: **Ctrl+Alt** + a letter. You have to know where the program has been installed.

A program is normally started using a file with an **EXE** extension. There are usually several files with an **EXE** extension in the same folder, so you will probably have to experiment a little.

Programs on the Start Menu

When you have found the 'exe' file, press **Shift+F10** and choose **Create Shortcut**. You have now created a *shortcut* to your **EXE** file – to your program. A shortcut is a little file which points to another file. Shortcut files are created in the same folder as the 'exe' file.

Windows stores the shortcuts which appear on **Start** and in the entire menu system in a folder called **Start Menu**. This folder is in your **WINDOWS** folder and is called **STARTMENU**, i.e.: **C:\WINDOWS\STARTMENU**.

Move your newly created shortcut file to **\STARTMENU**. Press **Ctrl+Esc** to see your new start menu. What does your list look like now when you press **Start**?

You should have an extra menu point above the ones you are used to seeing. A thin line separates the upper part from the lower part. Those in the upper part are those you have created yourself. If you make several they will be sorted alphabetically.

I have more than 20 menu points on my start menu, giving me instant access to all these programs.

Now you should be able to start this program by activating its menu point. Try it, then close the program. Let us take a look at what is happening behind the scenes.

The entire menu system, which you can move around in, consists of identical elements: shortcut files which are placed in a hierarchical folder system. In theory they could have been put in one folder, but that would have been just as confusing as if you had placed all your files on your hard disk in one single folder.

Maybe you have always moved around all these menus and their different points using the mouse. Try starting with **Ctrl+Esc** and using the arrow keys to move around from menu to menu and from point to point. Remember to use the **right** and **left arrow**, as well as the **Up** and **Down arrows**.

Properties of a shortcut file

Let us take a closer look at a shortcut file (you can recognise one by its icon which has a little arrow at the bottom left). I have selected one of my shortcut files and pressed **Alt+Enter**. The picture shows only the top left hand corner of the dialog box.

The dialog box contains two sheets, accessed by clicking on the tabs. One sheet just displays some general information, which is not so relevant in this case, but we can see that the file is of the type 'shortcut', and we can see how big it is (it is very small!). Windows 95 shows this, Windows 98 is smarter, starts with the next picture.

You want to get hold of the other tab: *shortcut*. Don't touch that mouse! Use **Ctrl+Tab** to move between the sheets in the dialog box, not just here, but everywhere in Windows.

And in most Windows programs **Ctrl+Tab** is also used to move between open windows (normally files)!

Here **Type** shows us that the shortcut file points at another file, of the type **Program** (a file with an **.EXE** extension). The **Target** field shows where the shortcut points to. To be able to work some programs need to know where various other files are located, this can be entered in the **Start in** field.

Use **Tab** to move between the fields. When you come to a field containing several options, as in the picture above where it says **Normal window**, use the **down arrow** and **up**

[arrow](#) to move between the options. Pressing [Tab](#) chooses the point you selected with the arrow keys.

Now we come to the point we were looking for: the [Shortcut key](#) field. The default is 'none', because the shortcut has not been associated with a key – yet! Press the letter you want to be your quickstart for this program. Just pause for a moment and think if any other programs use the combination.

I have tried giving a *keyboard shortcut* I have already used here to a function in Word 7, but it simply would not work. The options defined in many of the property fields in this dialog box have top priority in Windows. Here I choose P. And the field contains [Ctrl+Alt+P](#).

[Tab](#) a field further and use the [up arrow](#) and [down arrow](#) to see the different options available for opening a program. A [Normal Window](#) does not cover your entire screen, as a maximised one does.

When you have finished defining these properties, choose [Apply](#), followed by [OK](#). At first I thought it was a little strange that there were two buttons with apparently identical functions, but there is a difference in many dialog boxes. [Apply](#) activates your choices immediately, [OK](#) confirms the choices made and closes the dialog box. This is obvious when you define screen colours and so on.

During my first few months using Windows I went through his procedure over and over again; deleted old shortcuts, created new ones, altered their names etc. etc. so they would appear in the order I wanted on [Start](#). I have no more than 6-7 programs which can be started using [Ctrl+Alt+](#) a letter. That is as many as I can remember. I start other important programs via shortcuts which I have placed on [Start](#).

Tip: If your keyboard has an [AltGr](#) key (just to the right of the [Space](#) bar), this can be used instead of [Ctrl+Alt](#).

Most installation programs create several shortcut files in the menu system, dropping down from [C:\WINDOWS\STARTMENU](#). You can make copies of these shortcut files, or move them to more convenient locations in the menu system.

Starting Explorer from ...

The following I wrote, when I used W98. I have not yet managed to get it to work with W2K.

How do I get **Explorer** to start at the same place every time, so I don't have to navigate so much to find the files I use the most? By default, **Explorer** starts in [C:\WINDOWS\START MENU](#) with its sub-folders displayed, because the **EXPLORER.EXE** program is located in [C:\WINDOWS](#). Now you are going to do something a little odd, which is to use the **Explorer** program to find **EXPLORER.EXE** and create a shortcut to itself.

Now you ask: Why can't we just alter the properties for [WINDOWS\EXPLORER.EXE](#) and tell it where to start? A sensible question, and I think it would have been better if we could have done that, but Microsoft do not allow it. Look at the [Properties](#) sheet for the file. This option is not available.

Select [C:\WINDOWS\EXPLORER.EXE](#)

Press [Shift+F10](#) and choose [Create Shortcut](#)

Change the name of the shortcut to [XPLOER](#) (optional – see below)

Move it to [C:\WINDOWS\STARTMENU](#)

Select it and press [Alt+Enter](#)

The [Target](#) field must contain certain parameters. Part of the syntax looks like this:

Explorer [/e] [,/root,object]

There are other possible parameters. Any number of parameters may be specified. If there are no parameters, **Explorer** starts in its default directory, as though it was started from the [START](#) default menu. If more than one parameter is specified, there should be a comma *before* the next parameter.

/e Explorer

opens in its default position, i.e. the left-hand pane shows [C:\WINDOWS\START MENU](#). Without the [/e](#), **My Computer** opens (illustrating that **My Computer** is a mini-version of **Explorer**).

`/e ,/root,`

The `/root,object` parameter specifies which object should be shown as the root; the highest level. Note that a comma is necessary after root, because an object is expected to be specified here as the root. The default object is `DESKTOP`, meaning: if no parameter or object is given (as `/root,`) then `DESKTOP` is assumed. So the line shown above is irrelevant in practice, but included for the sake of completeness.

`/e ,/root,c:\`

here root or the **highest** level is `C:\` – if all you want to see is the contents of drive **C**:

`/e ,/root, ,c:\kw`

`/e ,c:\kw`

These two lines produce the same result. I use the latter as I am usually working here (with the publishers files).

I have chosen a keyboard shortcut of **X**, so that `Ctrl+Alt+X` starts **Explorer** in `C:\KW`

If you often find yourself working in two or more places, all you need to do is create several shortcut files, maybe giving them names which are appropriate for the files or tasks they refer to. This will save you the time and trouble of navigating to them every time you want to find some files. You do not even have to go through the entire procedure above to create another shortcut file. Just make a copy of the one you already have, give it a new name and alter the **Target** field in **Properties**, finally giving it another key combination as a shortcut key.

Assuming that you have created just one shortcut file, you can start **Explorer** in one of two ways:

`Ctrl+Alt+X` (some keyboards `AltGr+X`) – possibly after rebooting Windows (Choose **Restart the computer** and hold **Shift** down while you choose OK).

`Ctrl+Esc, X` – assuming that no other shortcut files in `C:\WINDOWS\STARTMENU` have X as the first letter of their file name (this is why I suggested renaming the shortcut to Xplorer).

Remember that the key combination `Ctrl+Alt+X` is *tied* or *attached* to the shortcut file. The Start menu and its sub-menus show the shortcut files which are in `...STARTMENU` and its sub-folders.

The advantage of placing **XPLORER** on the first level of the Start Menu is that it is easy to start **Explorer** twice. I have often heard people criticising Windows's file management system, and hence **Explorer** because it cannot show the contents of two folders. Said in another way: you cannot look at two different places simultaneously. Actually, you can:

Close all programs

start **Explorer** using `Ctrl+Alt+X`

start a second example of **EXPLORER** using `Ctrl+Esc, X`

Press `Ctrl+Esc, Tab, Shift+F10` (or: right-click the task bar) and choose **Tile Horizontally**

But what if you do not want to fill the first level of your Start Menu with this menu point, but do want to keep `Ctrl+Alt+X`. Deleting the shortcut file `...\STARTMENU\XPLORER` does not work, as `Ctrl+Alt+X` disappears with it. The solution is to move the shortcut file to another folder in `...\STARTMENU\` or its sub-folders.

Shortcut files must be within this menu system for Windows to react to their keyboard combinations. The deeper the level, the longer the reaction time when you press `Ctrl+Alt+letter`. If you move a shortcut file within `...\START MENU` you will often need to restart Windows before it works.

A cheat

Press **Home** and you land on the **DESKTOP**. I have already mentioned that Microsoft have cheated a little to make the system easier to understand. The Desktop is the highest level, higher than the physical hard disk. But things can only be saved on the hard disk, so how can **DESKTOP** be at a higher level than the hard disk? Microsoft have created the `C:\WINDOWS\DESKTOP` folder, and this is actually where the objects *which you have created* and can be seen on the Desktop (i.e. on screen) are stored. System objects such

as **My Computer**, the **Recycle bin** and an **Internet** icon are write protected and are hidden deeper within Windows, so they do not appear within `C:\WINDOWS\DESKTOP`.

When it appears that you have saved something on your Desktop, you have actually saved it in `C:\WINDOWS\DESKTOP`. The trick is that this folder and the Desktop are mirror images of each other (apart from the system objects). Try the following:

- Open **Explorer** and alter its size so you can see part of the **Desktop**
- Select the `C:\WINDOWS\DESKTOP` folder in **Explorer's** left-hand pane. Keep an eye on the contents in the right-hand pane.
- Press **Home** to select the **Desktop** in the left-hand pane.
- Create a folder on your **Desktop** by using **File, Enter, Enter**
The folder is now visible both on the **Desktop** and in **Explorer's** right-hand pane.

Look at the contents of `C:\WINDOWS\DESKTOP`. Your new folder also appears here.
Press **End** and the folder also appears here.
So it is mirrored in 3 places!

Open files quickly using Explorer

Let us return to the subject of selecting objects using **Explorer**. What are the occasions I want to select something?

After I became skilled at navigating within **Explorer** I quickly found a way of saving time. Normally I opened Word and then looked for a file using the **Open** dialog box, or via the **File** menu, which displays the last few *saved* files at the bottom (not, as Microsoft mistakenly says, the last few *opened* files).

We know Windows's rather badly designed **Open** dialog box. Firstly, the highest level object is not selected, the cursor is in the **File name** field. A keyboard user has to press **Shift+Tab** followed by **Space** to select the top object. But a positive thing with the **Open** dialog box – it contains **My Computer**. You can manage files from it: Rename, copy etc., and even speed-search. But why not do all these things where it is easiest: in **Explorer**.

Another (and worse) criticism: why is the size of the **Open** dialog box fixed? Why isn't it a windows, so I can drag it to be bigger? I can't do anything in the background window anyway, so why do I need to see any of it? I do not open more than 5% of my files using this stupid method.

After finding out how to use **Explorer** efficiently, I started opening all my files in **Explorer**. But it took me nearly two years to learn this method! Now all I do is look for files in **Explorer** and press **Enter**.

Let us say that I want to open a document in Word. If Word is already running, the document simply opens. If it is not running, Word opens, immediately followed by the document. I just keep **Explorer** running continuously, and press **Enter** on the files I want to work with. Or - much better - in Word I have the most used files in menus, but that's another story, how to do this (described in my booklet *Get going with Word*)

2 copies of Windows Explorer

Some times you know, that you are gonna compare files in two separate folders for a longer time. In this case it is practical, that only windows with those 2 folders are open.

I suggest: In the left pane of Windows Explorer you select one of the folders. Press **Shift+F10**, and select **Explorer**.

In the first copy of Windows Explorer you select the other folder. You can even arrange the 2 windows: Right click the task bar and choose one of **Tile Windows Horizontally** or **Tile Windows vertical**.

Win Explorer: Finding and displaying folders and files

It happens that sometimes you forget where you have saved a file. Microsoft have come up with a fine search program. I am impressed. It is more than just a search program. Used creatively **Find** can be used for many things. To show you what it is capable of, here is a list of some the questions which **Find** can answer:

- Find and show all files/folders containing the word 'now' in their names.
- Find and show all files/folders containing the word 'rain' or 'sunshine'
- Find all Word documents, on all drives, which have a name containing the word 'trust'.
- Show all files on **C:** and sort them by name, date, size, etc.
- Find all **.TXT** files containing the text string 'silence'

The search results can then be sorted in 10 different ways, and it is all done very fast. I have 5.000 files on a drive, which can be sorted in one order or another in a couple of seconds.

The **Find** program is free-standing and can be started from several places:

From the Start button:

In **Explorer** by pressing **F3**.

Ctrl+Esc, **Esc** (focus on the **START BUTTON**) and **F3**. Try it!

Type one or more letters (without spaces) in the **Name** field, like "**now**". All files and folders whose name *contains* these letters (in this order) will be found. If you type "**now never always**" **Find** looks for files and folders whose names contain *either* "now" or "never" or "always".

If the **Name** field is left blank, all files and folders are 'searched for', and then displayed.

Search in several drives simultaneously by writing **C:; E:; G:** (for example).

If you have 50.000 folders and files spread over several drives, you can speed-search all your files!! You can sort in 10 different ways and display the results in a ways **Explorer** cannot. Very efficient for moving, copying, looking for duplicate files etc. Try it yourself!

Use **Ctrl+Tab** to move to a new tab, where other search criteria can be entered or chosen. One of the most useful is to search for files containing a certain text. You can usually remember a word which you wrote in the document you are looking for. In the illustration I am looking for a Word document which contains the text 'feelings'.

Take a look at the options on the **Date modified** tab, which are self explanatory.

Filer, **Save search** lets you save a search for later use. This creates a file on your **DESKTOP**.

Misc

Favorites: organise

My Favorites in W2K are saved under

C:\DOCUMENTS\SETTINGS\MICHAEL\FAVORITES

In W98 they are saved in

C:\WINDOWS\FAVORITES

I have made a folder per letter in the english alphabet to keep track of all my favorites. Sometimes I create a folder for a subject of interest.

When I save a favorite - in either Internet Explorer or Windows Explorer - I press **Alt+A** and **Enter** and move the selection with the arrow keys to the folder, where I want to save the favorite.

With the mouse you can move a favorite from one folder to another - drag and drop.

The best part of favorites ist property of a favorite, that is properties of a shortcut file. Right click and you can rename, delete and other things. I use it very often.

Managing folders

The more one does, the more programs one installs. There is a continual increase in the number of folders and files, and before everything gets so complicated that it is impossible to find or remember where files are it is a good idea to plan ahead. Sit down, preferably away from the computer, and think about how you have organised your folders.

Where have you let installation programs install your programs, or where have you chosen to install them?

Where have you saved the files you have created yourself? Word processing documents, spreadsheets etc.?

Backup

I have all KnowWare's files in a folder called **C:\KW** and make backup copies to a second physical hard disk (I also take backups to 100 MB Zip diskettes). On three occasions over the last ten years I have had a hard disk fail – a total mechanical breakdown. When something like that happens the first you know about it is when a horrible sound comes from the disk. It is immediately obvious that you are close to a catastrophe, or that it has already happened.

After learning from experience I press **Ctrl+S** every other minute. I strongly recommend having two physical hard disks. It is of no help if you take backups to a second drive if this drive is placed on the same physical hard disk!.

BATCH files for backups

```
xcopy c:\adata g:\adata /S /D /R
xcopy c:"My Documents"
      g:"My Documents" /S /D /R
```

/S include sub-folders

/D only files altered since last backup.

/R overwrites read only files (i.e. copies these also).

These two lines copy **C:\ADATA** and **C:\MY DOCUMENTS** to identical folders on drive **G:** (my second physical hard disk).

I use it min. 10 times every day.

Even though the **BATCH** file specify **xcopy**, they actually call **xcopy32.exe**, which is Windows's version of **xcopy**.

xcopy32 has no problem with long folder and file names, even if they include spaces.

- Create the file with a text program like Notepad and save it in your **BATCH** folder – remember to change the extension to **.BAT**.
- Create a shortcut to the file and make a shortcut key to start it (see p. 24).
- **Alt+Enter**, **Program** tab and check the 'Close on exit' point

Recently opened documents

The start menu includes a **Documents** menu, which can be activated using **Ctrl+Esc, D**. After getting into the habit I find I use this menu regularly. Microsoft have decided that only the last 15 opened files will be remembered by this menu.

As there are 26 letters in the alphabet the chances of hitting the right file with a single letter (after the initial key combination) are reasonably high.

Maybe you also use this point for opening files you have worked with recently. As we now know, this entire menu system is just a large hierarchy of shortcut files.

The **Documents** menu is simply a copy of the contents of the **C:\WINDOWS\RECENT** folder, which contains shortcuts to the last used files. Windows creates these shortcuts as needed. If you do not want others to be able to see what you have been working on, put this line

```
Echo y | DEL c:\windows\recent\* *
in AUTOEXEC.BAT – ** works fine.
```

Files: regular destinations

The **C:\WINDOWS\SEND TO** folder contains shortcuts which then appear on the **Send To** menu point in the object menu. I have shortcuts to Notepad and my E-mail program here. This lets me edit a file with **Notepad** no matter what extension a file may have.

Select a file; **Shift+F10, Send To** sends a file to a certain program.

Restart Windows

Ctrl+Esc, up arrow, Enter, down arrow, Hold **Shift** and press **Enter**. It is not half as difficult as it looks when you are used to it!

All roads lead to... the operating system!

(advanced) Windows offers a multitude of routes to an object:

Explorer, My Computer and the **Open** and **Save as** dialog boxes. All four reflect what the others do. Both **Explorer** and the two dialog boxes contain **My Computer!**

Explorer can contact the Desktop and the Recycle bin, unlike My Computer, as it is on the same level as the Recycle bin, just under the Desktop.

Here is an example, if you are curious:

In Word 7 or another similar 32-bit program: **Ctrl+O, Shift+Tab**, select a file, **Ctrl+X, Ctrl+Esc, Esc, Tab, Tab, Ctrl+V** – look at the desktop and undo the last action using **Ctrl+Z**. Try to understand what happened ...

WARNING, WARNING!

(advanced) The following is ONLY for experienced users who understand how to edit values in a database. Remember to back-up **USER.DAT** and **SYSTEM.DAT** before doing anything. I had actually decided not to mention editing the registry in this booklet, but continually having to press **F5** to update **Explorer's** windows is really irritating.

I am not going to tell you the name of the program to use to edit this value, but if you know the program I am talking about, you are probably competent enough to make the alteration.

```
HKEY_LOCAL_MACHINE\System\
CurrentControlSet, Control, UpdateMode=00
```

Windows Commander

2002, Okt.

www.ghisler.com

I have used now for some months a very good program made by Ghisler, **Windows Commander**. The program is more than just a file manager, it is also a FTP client and compress/decompress program.

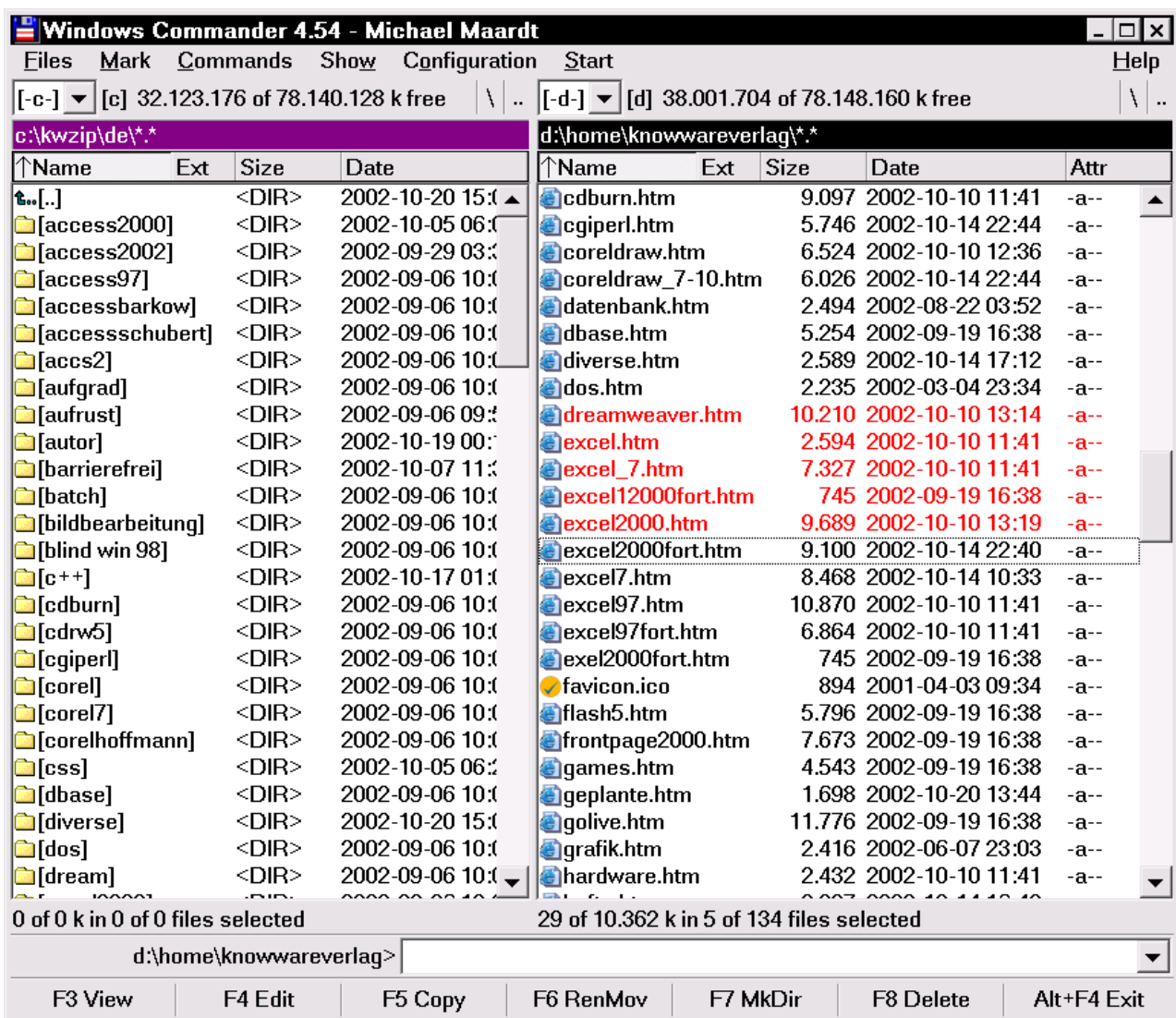
WC is 9 year old, created at the time of Win3.1! Christian probably got the idea for the name Windows Commander from one of the best programs ever made: Norton Commander for DOS. The clever thing about this program is the existence of 2 parts of the window as if you were running 2 file managers at the same time AND the 2 file managers could communicate with each other.

WC is much more transparent as Windows Explorer and very keyboard friendly, which means: much faster. You have to get used to it, but it surely pays off.

I have worked for many years with Norton Commander - described in my first computer text/booklet 'Get the most out of your PC' - and therefore I was able to use Windows Commander right away.

I suggest, that you install a WC on your PC!

If you really want to use, please send Christian Ghisler some money. He deserves it for a great job, even if it is nine years ago, that he made it.



General

Windows Explorer is ok for many jobs, but if you are working a lot with files and folders and especially zip files, then WC is very nice and easy.

As you might have guessed I am a keyboard freak and I am always looking for keyboard friendly software - hard to find these days :-)

Only very few programs are made for keyboard-only use: CuteFTP and Becky are some of these..

I wrote about speed search in Windows Explorer. The same can be done in WC. Just shortly I tell you about the shortcuts, that I mostly use in WC.

Shortcuts

TAB jumps between the 2 windows/panes.

Ins selects a file or folder. **Shift+down arrow** selects several files/folders

TAB and **Ins** are toggle functions.

Ctrl+F3: Sorts by name - toggle function: Windows Explorer cannot do this!

Ctrl+F5: Sorts by date - toggle function: Windows Explorer cannot do this!

Shift+F2: Compares content of the 2 panes - Windows Explorer cannot do this!

Alt+F1/F2: Select drive for right/left pane.

* inverts the selection.

Ctrl+NUM+ selects all files/folders according to an option, that you can set in menu Configuration: **Options, Operation, Selection with gray +**

F2

I was so used to **F2** from Windows Explorer, and in WC I had to use **Shift+F6** to rename a

file, so I asked Christian, if he couldn't program the **F2** key for rename. Shortly after I got an email from him, saying I could do this myself: Configuration, **Misc.**, at the bottom: Redefine hotkeys, select **F2** and search the command **cm_RenameOnly** and press **OK**.

Now **F2** works as rename like in Windows Explorer. As you can see, you can redefine a lot of keys for the function you want, if you can guess, what the command means :-)

Packer und entpacker

More compress/decompress programs are integrated in this software, that means you can work with compressed files - and in a very smart way, better than I was used to from ZipMagic.

Press **Enter** on a zip file and content of the zip file is displayed. You can now copy, rename, delete and add files from/to/in the zip file. Just great!

Or you unzip a file in the other pane with **Alt+F6!** You zip files with **Alt+F5**

You can't get it much easier.

FTP - Ctrl+F

Christian has even made an in-built FTP client. You can even run several sessions at the same time and you can up or download in the background - freeing the program for other jobs.

WC is Shareware and you get it 2002 for 28 US dollars. If we want good shareware and alternatives to Microsoft, then we have to pay and support people like Christian Ghisler.

www.ghisler.com

Thank you, Christian, you have made a very good program.

Browser

Internet Explorer

Navigation

The arrow keys scrolls up and down on a webpage. [Home](#) and [End](#) jumps to start and end of a page.

Internet Explorer 3, 4 and 5 - Netscape is bad with shortcuts

I am pretty sure, that you click the [Back](#) button in the upper left corner, when you want to go to the previous page, right?

Try the keyboard: [Alt+Left Arrow](#) (works also in Windows Explorer). I know that [Backspace](#) does the same thing, but not always:

If a form field is in focus (like in a search engine), strange things might happen. Get used to [Alt](#) and the arrow keys left and right, if you want to learn it properly :-)

My experience: the keys communicate faster with the browser than the mouse.

Refresh or Reload?

[F5](#) or [CTRL+R](#) to 'Refresh' a page, but careful: If the page is in your cache, you might just 'Refresh' reading the cache, as the button in the toolbar says. Refresh is NOT the same as

Reload = [CTRL+F5](#) or [CTRL+click Refresh-button](#). **Reload** reads the page from the server!

Tell a friend about the page, you are looking at right now?

Open your Email program and make a new message and go to the body text. Switch back to your Browser with [Alt+Tab](#). [Ctrl+Tab](#) highlights the address field. [Ctrl+C](#) and switch to your Email programm with [Alt+Tab](#). Place the cursor in the body text and paste the WWW-address into your email program.

Open a new window often

[Ctrl+N](#) opens a new window of your browser. This is useful, when you want to read a page later, but still want to look at some other pages. My advice: every time you want to read a page later, open a new window with [Ctrl+N](#).

History and Favorites

[Ctrl+H](#) opens/closes **History**. A few minutes ago I was on a site, what was it? Look in **History** from *Today*, maybe you find it.

[Ctrl+I](#) opens/closes **Favorites**: shows shortcuts to the pages you have bookmarked.

For both views this apply:

[Down-Arrow](#) selects the first item. You 'open' a site (folder) in the same way as in Windows Explorer with [Right-arrow](#). [Left-arrow](#) 'closes' the folder. You can speed-search pressing a single letter.

I must admit, that I rarely uses [History](#), but very often [Favorites](#), but not in this way.

I press [Alt+A](#), then [Arrow down](#) or speed-search, [Enter](#) to 'open' a folder and then again [Down-arrow](#) or [Up-Arrow](#) and in the end [Enter](#). It sounds worth than it is :-)

Press [Ctrl+I](#) and [Ctrl+H](#) several times to see, what happens.

Open a new window when hitting a link [Shift+Click](#)

which is the equivalent of right clicking and saying: open in new window. Handy on slow connections ... or when browsing search results.

[Shift+Enter](#)

It is possible with the keyboard, but first you have to Tab your way to make the link active. Look carefully when tabbing your way around through all the links on a page. When the link is active, you hold down [Shift](#) and press [Enter](#). (Thank you Andrew Ward, Australia)

[Alt+Home](#) is the same as click on the [Home-Button](#).

Show recent addresses

F4 and then with the arrow-down key until you reach the desired Address.

Address field: select

Ctrl+TAB or (from IE 5.5) **F6**. I always use **Ctrl+TAB**, because I can reach these 2 keys with my left hand.

Address field: edit

Sometimes you hit a very long address in a search engine, and you want to go to the start page of this domain:

Select the address field in your browser

Press **End** and start deleting parts of the address with **Ctrl+Backspace**.

Jump through the links on a page

Press **TAB** several times and have a close look on your screen: where is the focus? It jumps from link to link.

Some webpages are full of links and if it is difficult to see, press **Shift+F10** and you will see a pop-up menu called the context menu.

Forms

There are still more forms on the WWW.

You have to fill out all kinds of fields for all kinds of information, when you want something. Everybody wants a lot of data from you. I hate it.

Press **TAB** and **Shift+TAB** to jump forward and backwards through the fields in a form.

Warning: A Form contains many fields, but *one* field is very important: The **Submit-Button**.

The form only waits for one thing: that the user hits the **Submit-button** - either with the mouse or by pressing the **Enter** key.

So watch out: press **Enter** when you mean it.

Did you notice, that when entering your data in some fields, that suggestions pop up under the field? These suggestions are text, that you have entered in another form.

I always asked myself: how do I delete such a suggestion/entry? Nowhere did I find an answer: In Help, Microsoft Knowledgebase, Google etc until I could not stand it anymore and asked my good friend Johann-Christian Hanke (he knows almost everything!)

And the answer was very easy: select it and press **Delete!**

Opera Browser

www.opera.com

1. The fastest Browser
2. Keyboard friendly

Rarely I am surprised when seeing a software for the first time. The first intelligent piece of software, that I encountered was

Norton Commander for DOS

The second I have seen is UltraEdit, which I describe somewhere else in this text.

Opera might be the third. I do not really know, because I just installed the latest version 2002, Oct. I did make a test some years ago, but was not satisfied. This time it looks better.

www.opera.com looked - when I saw it - as a website from a company selling cellular phones and - in my opinion not very attractive.

Help file is not very good, and at the very beginning I tried to use Opera with the keyboard, but I just could not find out, how to get from the left pane to the main pane.

I asked the people behind Opera and gave them some ideas. We communicated for some time, but I gave up in the end. Apparently they were not really interested in listening to me. Technical oriented persons with imbalanced male, mental energy are unfortunately not the very best communicators, when it comes to living human beings.

A shame, because the software is really fast and there are many shortcuts. I just didn't bother to spend a lot of time to find out, how - if possible at all. IE is fast enough for me.

I have a DSL connection to the internet.

Webmaster software

Frontpage 2000

Navigation bars

Frontpage has one quality, that I like a lot: navigation bars. It took me 2 or 3 days of hard mental work to understand how they work, but I am glad, I did spend this time.

On knowwareglobal.com and knowware.de you will see, how I use it.

I am aware, that

- html Code is changed/added
- Meta tags are written without asking the user in the .htm files. Microsoft - and others - are able to search the web for pages created by Frontpage, unless the webmaster removes these lines manually, but most beginners do not know how to do this. Dirty trick from Microsoft.

In August 2002 I tried the html editor from namo.com. It looks really good, and I guess in one or two years, this software is much better in many ways, but right now, there were a few things, that I miss, even if one of the head programmers tried his best to teach me, how and what the program can do: quite a lot, but not the way I wanted it done - compared with Frontpage.

Xenu.de

Thomas Hillmann has made a small intelligent Freeware Program. He has a special relation to Scientology, and you can read about this on his homepage.

Xenu checks for 'broken links' on a website and produces an easy to understand .htm file telling you about the broken links.

Ctrl+N and key in the domain or www-address and off you go. **Ctrl+B** toggles the display of checked pages. I have chosen without and see - in red - the broken links, if any - a must for every webmaster.

PingPlotter.com

If you cannot connect to a website, this program shows you the way from your computer to the other computer. The

program will tell you the steps from one computer to the next and the time used be every step. You need to have a little knowledge about IP addresses.

UltraEdit.com

This is one of the few intelligent programs, I have seen and tried. This SuperEditor is written by a very nice human being. I gladly paid Ian 25 US dollars. The software has been translated into several languages.

This editor is very fast. Once I opened a 10MB file and tested it with a replace function. This editor was mainly made for programmers, but everybody can find use of something. I have experience with maybe 3% of all the options in UltraEdit.

I use it mostly for:

My default Editor

When you install it, say Yes to add UltraEdit to the context menu.

Sort and remove duplicates

Imagine, you have a file with 10.000 email addresses and you know the existence of duplicates. You only want to keep ONE of 2 duplicates. You simply Sort with the [remove duplicates](#) option!

Replace

I have mostly used Word as an editor, not only .doc but also .txt files. Word can only replace A with B in the open file. UltraEdit can replace in either

- current file
- selected text
- all open files
- all specified files on the disk - specify directory and option: replace in subdirectories

I use UltraEdit as my default editor. In Windows Explorer or Windows Commander I find the file, press **Shift+F10** and press **U** and UltraEdit opens the file. I use UltraEdit for still more work with .htm files.

ReplaceEm

Multi-string-replace - Freeware

The man, who made this program, is clever in programming, but not in communicating as an author. The description of the program and the help file is awful, but the program is good.

Concepts like Replace Groups and File Sets are used as if everybody already knew, what is meant. I had at least difficulties getting an overview and understanding, how it worked, but in the end I got it, probably because I had previously worked with conversion software.

What the program can do? Often it is easier with an example. Frontpage 2000 does not make the correct HTML code, when writing special characters like ü and ä - swedes and german use these characters in their words.

A good HTML editor converts ä into ä

Wenn I remember it, I convert all my german .html files with this software.

I have made a Replace Group and I have stated these replacements

ä into ä

ö into ö

etc. - 6 lines all together.

In UltraEdit it would be necessary to make 6 replace's with the command 'Replace in Files'. With this software I can make it in one go, and it is fast.

It takes me about 3 minutes to do it. After that the program produces a nice log file telling me all the files, that were changed.

I open my FTP program, sort the files by date descending, walk through every folder and upload the changed files.

Replace Group: is a tabel mit many lines, where string A will be replaced with String A1, String B with String B1 etc. A Replace Group can be saved.

File Set: is a group of files, which are attached to a replace group. In this way you do not have to tell the program about this connection/association.

If we use my example from above my Replace Group are the 6 lines converting the special german characters and the File Set is

www.orbit.org/replace/

those .htm files found in the folder incl. subfolders, where my german homepage is located.

When you have made a Replace Group, right click the yellow folder and select **Add Files** and find the folder with the files. Be aware of the Tab: Destination and Backup.

You can attach several File Sets at one Replace Group, if you want to use the same conversion table with different files/folders.

This program can do something, that UltraEdit cannot:

1. perform several Replace actions in one go and
2. save the conversion tables and the associated/corresponding file sets

Very smart, when you find out, how to use it!

Send him a X-mas card!

Becky - email program

www.rimarts.co.jp/

My favorite program

Maybe you have read my article about emailing on knowwareglobal.com. I mention Becky very often.

I have used this super email client (funny word) since years. An intelligent and nice japanese guy makes this wonderful piece of software.

It can do everything, I want and a bit more. The best thing: I use it *without* the mouse! and I am fast at the keyboard. I could not communicate with so many people without Becky, so thank you very much, Mr. Tomohiro Norimatsu.

I forgot to mention the price: peanuts. He is not updating the program very often - every 2 year, I think - but when he does

Group Mail - Newsletters

www.infacta.com

Normal email programs are not made to send a letter to 10.000 people or manage different groups of email addresse. Special programs are made for this, and for years I have used Group Mail, made from people in Ireland. And again: the price, very reasonable. Check the website.

Hostings.com

Hostings.com

Some years ago my english friend, Anthony Owen, told me about a hosting company in the USA. It was much cheaper than similar companies in Denmark. At that time back in 1996 nobody had a clue about prices for that kind of service, and many companies ripped people off.

Anthony had told me about Kevin Zaleski, a nice guy. I moved my homepages to Kevin and his company. Slowly I began to ask him different things. I had absolutely no idea about servers, unix, ftp, upload, but I could ask questions via mail.

Kevin normally replied within 10 minutes, sometimes with a lot of jargon, that I did not understand, but also and often with links to pages, where I could read more.

I just kept on asking, until I got it. Slowly I got a little baffled or surprised. Kevin did not know me at all and I just paid 24 dollars per month for 500MB space and 10GB traffic, and still he kept on replying all my questions.

Well, I had never met such a nice person on the internet, and after a year or so, I asked him: Kevin, how many customers do you have? You must have several other customers to take care of?

He told me, how many customers he had, but also that he wrote around 500 mails daily!

Then I asked him: how come, that you are so nice to me? Do you really have the time? He then told me, that he has been to Denmark, he liked it, but the truth was either: he liked me or what I did - or both!

I said thank you, nice of you. There were real nice and friendly people out there in

cyberspace. I do not know, how many mails we have been writing, but more than thousand probably.

Kevin gave me so much information, that I soon felt really safe.

We never met face-to-face, some day we will.

There are cheaper hosting companies, but I have never thought about changing. I now have 3 main domains and 5 or 6 subdomains with hostings.com

The time difference between Europe and the East Coast of USA comes handy for me, because I often work in the evening and late at night. We are awake at the same time.

There is more to it, than just making the pages. Behind stage there are programming languages, scripts usw. Kevin has during these years taught me everything, that I would like to know.

I am very thankful, Kevin. Thanks a lot.

Why didn't they tell me ...?

(written 1997)

As I discovered these keyboard shortcuts in **Explorer** I got a real, though welcome, surprise. I hope that this booklet can teach you some new habits for use in front of the screen, giving you fewer physical problems.

After trying these keys for a few minutes I was convinced. No more mouse when working with folders and files. Now you have experimented I hope that you are sitting there thinking "I have had problems for months clicking and double-clicking and dragging with some key or another (**Shift** or **Ctrl**) held down. This is so much easier and relaxed. Why hasn't anyone told me about it before?"

A possible answer

My theory is this. When Microsoft worked on Windows95 they were trying, more than anything else, to make a copy of the Macintosh, which is even more mouse dominated.

Microsoft have tried to make an operating system for idiots (and this idea that computer users are idiots is also the philosophy of certain publishers).

Microsoft's ergonomic mouse and keyboard are nothing but window dressing (pun intended).

Incidentally, the double-click has been more or less removed from Windows 98, as too many people were double-clicking on WWW links, which crashed their browser! If Microsoft were really interested in our health, they would have:

- not concentrated on the mouse alone
- spent just as much time telling us how to use the keyboard
- made sure that *all* functions could be carried out using the keyboard

Apparently the various departments within Microsoft have problems communicating with each other. I would guess that the department responsible for programming the keyboard shortcuts was demoted so much that they thought to themselves "Now we are going to come up with something really good.

We will show them that Windows95 can be used from the keyboard". I would like to thank all the programmers who were responsible for the keyboard shortcuts I have mentioned here. It is just a shame that your boss is not interested in telling the rest of the world what a great job you did.

Microsoft seem to assume that their users are stupid, and have placed **My Computer** on the Desktop. Reading between the lines they are saying "Now you can't help but see it", and at the same time they have done their best to 'hide' **Explorer**. I have my own theory about, when software is good enough: the day that publishers can no longer sell computer manuals. That should be every software producer's aim!

Advantages of the keyboard

Do you recognise the situation when you want to double-click, but are not quick enough and Windows is sure that you want to rename a file or folder!

Your arms stay resting on your desk. You do not need to move your hands very much. This is much more relaxing, letting you concentrate far more on the work you are doing, instead of on using the mouse.

The keyboard lets you move the cursor far more precisely. You know where it is going to land the next time you press a key, so you can prepare yourself mentally for the next action. For example, you know exactly what is going to happen when you press **Enter** when a file is selected.

Using the mouse forces you to; control its rather random movements on the screen; concentrate on hitting the correct object on the screen; and finally speculate over what will happen when you click or double-click – you have to wait for this result before you can continue with your actions. All this is a strain, harmful and unnatural for our mental processes which are a mixture of intellectual thoughts, intuition, creativity, feelings etc. This mental process consists of two parts: one is result orientated, working towards something, and the other is more analytical, controlling the processes necessary for

achieving your aim, in this case, the mouse. The more time and energy you are forced to spend analysing, the less time there is for creating!

You can learn to touch-type so you do not have to look at either the keyboard or the screen.

You cannot use the mouse unless you watch the screen – carefully!

And when you must use a mouse...

I use a Microsoft mouse with a scroll wheel which can double-click automatically (very useful) and also be used to scroll in certain programs. I can recommend it, or a similar mouse which can scroll using a wheel and double-click using a centre button or wheel.

Can you think like a program?

I want to take a quick look at a problem which most computer people do not even see as a problem. Let us look at a normal working situation in front of the screen step by step.

When someone is using Windows, a typical working sequence looks like this. I will have to describe it using rather computer/philosophical language (but that is how programmers think). Windows and **Explorer** are designed from concepts which have grown out of such abstract considerations. I believe that it will help you if you know how programmers think.

Computers and programmers often find it impossible to function like 'people' do, so sometimes we have to alter our behaviour so we think in the same way as they do.

I will now make some assumptions about how we think when we do something using **Explorer**.

We usually think...

1. I want to do something with a file
2. where is the file?
3. how do I get to the file?
4. how do I do what I want to do with it?

Then we...

1. navigate (find the folder)
2. select the object (folder or file)
3. do something (delete, copy, move, activate – start the program – define properties or something else)
4. maybe finish our action with the file (paste it somewhere else, etc.)

Notice the order these points are in.

Computer programmers force us to translate language to *actions* by using a program. The essential part with this is that the object (noun) and the action (verb) have to change places. This is the basic problem when learning about computers and programs. And it points to an even bigger problem within the entire computer industry. *Computer people*, and especially programmers, have got used to THINKING like *computer programs*. They have no problems in swapping the object and

the action. It has become natural for them that the object comes before the action.

People normally think in terms of actions (verbs: delete, copy, start a program, write a letter etc. etc.) and so find it difficult to understand why they have to do something special in a program so it can understand what the *action* is all about. Most people think, "I just want to delete that letter to Smith. I wrote it yesterday, but I am never going to read it again. I cannot be bothered to see it every time I want to open another letter."

Programmers love putting the object first, followed by the action. Windows95 was launched with a huge fanfare in the computer world as an 'object orientated system'. So now we are adrift in a sea of objects, and confusion among users. Objects have properties and we have to explore them to find the actions (verbs) which are hidden among these properties. A fine example is trying to set up an Internet connection. You end up with masses of objects (icons) all over the place, and it is nearly impossible to discover where you should start, but you have probably tried it yourself and know just how it feels.

You want to do something or other in a program, but have no idea how to get hold of the object which can execute precisely the action you want to carry out. The programmers have put the action with the object, which in their way of thinking is the most logical thing to do. But often the way they think has very little to do with the way we think, and then we have problems.

Have you ever seen a program with a menu called **Delete**, containing the sub-menu points: **Folder**, **File**, **Letter** etc. No, menus are a confusion of objects/nouns (File, Tools, Table, Window, Help) and actions/verbs (Edit, View, Insert).

This example is taken from Word 95. Nobody should be surprised that programs are difficult to work out. One could just wish that Microsoft and other developers were at least consistent!

Computers and male/female energy

The above described theoretical presentation of the problems in the IT world of today is a short description of the main problem: communication. This problem exists not only in the IT world but in the world as such.

The philosophy or idea of KnowWare is an attempt to communicate in a more human, friendly way.

Man has created a world based on material values. Money is God, just as it says on the paper money in the United States of America: In God we trust. You cannot put it more clear.

1993-2003 I have worked with communication and publishing in the IT world and so far I see one main problem: communication. Software, manuals and Help files for hardware and software, literature about computers, websites: over and over the same problem: communication.

When publishers of computer literature cannot make any more money, we have reached the point, where software is good enough!

Actually it is amazing, that so many millions of people have accepted so bad products and services for so many years. By other commodities the users have much higher demands and requirements, but not when it comes to computers. Why?

Because the IT business world and the customers are primarily men and men have learned and accepted not to admit, when you have a problem. Play strong and cool. Rather stay up in the night for hours trying to solve a technical problem than admitting that you can't handle it and go back to the shop and tell them: 'Not good enough. I want my money back.'

If the product is a car or a electrical device like a coffee machine, you complain, if it is not working like you expect it to. But with computers, the IT business was clever enough to tell the customer: YOU are the stupid one!

For years the trick has been: Software and hardware must work and play together as one and the IT business world was cunning. They divided the production of software and hardware into two parts. Some companies

produced the hardware, and other companies made the software.

The trick was - and maybe it still is - to tell the buyer of software: 'Your problem is your hardware. You must go to the shop, where you bought your hardware.' And when the customer did that, he was told - guess what: 'Your problem is the software. You must go to the shop, where you bought your software.'

It still takes some time until most software vendors drop their ego consciousness and intention about profit maximizing, but until then one condition of the communication is:

Our customers must be dependent of our product. They are not allowed to become independent human beings, other wise we risk losing them as customers and we won't make any more money.

This belief is the basic belief or condition of many larger corporations in the world, not only in the IT world. As a consequence the 'customers' cannot be seen as potential friends. The customers pay the profit of the company and are treated correspondingly.

The computer world is dominated or governed by men. The play with machines. They call these machines computers. The male mental energy in the computer world is so strong, that people with a rather large portion of female energy feel a strong reluctance and antipathy against this hard and technical male energy. The emotional female part of the whole spectrum is missing.

When many women have something against computers, the reason is, that the human touch is lacking. Most men in the western world repress their feelings and emotions to such a degree, that they *act* and *live* like computers.

As children their mind have been programmed, and unconsciously they are fascinated by mastering machine, that only respond to commands. They see themselves in the machine, a mental entity obeying orders from the master, the software.

Computers and software are means, not goals. We use them for communication

between us. To a certain extent the communication accomplished by the internet and email is fine, but it has its limitation, when it comes to a closer relationship between two human beings.

The power people of the IT world has for many years managed to publish a mass hypnosis stating that computers can solve *human problems* on many levels.

In this period of human history, where man is living without much morality and spiritual goals and finds himself in a global and historical dilemma, it has been easy to convince and program a majority of the men in the western world.

In a culture with ideals of a life without human emotions is the fascination of a machine, that does mental exercises better as man, a strong attraction point for many humans, that find it hard to accept their emotions and feelings.

Money or profit was never a goal for me. For years I have had trust and faith in life. I always get, what is best for me in my development as a human being. I get, what I need. The less I have been focusing on money, the more was given to me!

Enough for today!

Bhagwan Shree Rajneesh gave every morning for 2 hours in the 1970's his lecture in his ashram in Poona, India. At the end of the lecture he always said: 'Enough for today.'

For 5 years he was my master and teacher. He told me the most important in life: to accept my self as I am, totally, all emotions, all feelings, all thoughts, all ideas, all intuitive energy.

He gave me the name *Dhyan Samarpano*.

The meaning of this name became later in the year 1980 obvious to me, when I was given a very special text about the old question of mankind: Who am I?

The text has been translated into german. You will find it on www.knowware.de and I will try as soon as possible to make an english translation

Thank you very much, Uncle Bhaggie, without you there would have been no KnowWare.

I hope that this text gave you something. I wish you all the best in life.

God Bless

MichaelMaardt@knowwareglobal.com
2002, November, Denmark

Shortcuts

Windows

Ctrl+Esc, Alt+M	minimise all windows
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Windows Explorer

F2	edit
Tab	jumps between left and right panes
left arrow	left-hand pane: go to the mother folder, then collapse the folder tree
right arrow	show sub-folders
*	expand en entire branch (left-hand pane)
space	jump to the next drive (left-hand pane), if no name has been assigned to the drive
F5 or Ctrl+R	update window
Ctrl+X	prepare for moving (undo with Esc)
Ctrl+C	prepare for copying (undo with Esc)
Ctrl+V	paste in from clipboard (undo with Ctrl+Z)
Shift+F10	object or context menu
Shift+Del	delete, do not send to Recycle bin (no way back!)
Ctrl+A	Select all
Ctrl+Space	toggles selecting on and off on a single object (right-hand pane)
Alt+Enter	properties of an object
Ctrl+Z	undo the last operation. Windows remembers the last 10 operations (delete, move or paste in a folder, file or shortcut).
Ctrl+ big Plus	When right pane shows details, alle columns are customized. Undocumented
Alt+LeftArrow	Back
Alt+RightArrow	Forward

Dialog

Ctrl+Tab	move to next tab/sheet
Tab	next field
Shift+Tab	previous field
Alt+underlined letter	choose a button, or activate/deactivate a field

Windows program

Ctrl+Tab (F6)	move between open documents
Alt	activate the menu line, then use arrow keys and letters to activate menu points.
Alt+F6	move between active windows – for example in Word when the search dialog box is active

Internet Explorer

Ctrl+Tab	move between the address field and the current link
Tab	first time: address field, then: next link
Shift+Tab	previous link
Enter	on selected link: go to
End	bottom of page
Backspace	previous page (=Back button)
Shift+Backspace	next page (=Forward button)
Ctrl+F5 (or button Reload/Refresh)	update page (F5 is not always enough)
Mouse with wheel + Ctrl	Font size
Alt + left and right arrow	Back and Forward