WinFree Help

This is the help file for product :   WINFREE
Version :   1.20

WinFree is tested for running under Microsoft Windows 3.x
and Microsoft Windows for Workgroups 3.11

Company address :

Marwin *Consulting*
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CH-8903 Birmensdorf
Switzerland/Schweiz

Fax : +41/1 737 07 06
CompuServe : 100272,1040
Internet : 100272.1040@compuserve.com

Installation

Normal Setup

Run SETUP.EXE on the installation disk.

The installation process does the following tasks :

- creates (if not already existing) a directory
- copies all selected files to the directory
- creates/modifies a group in Windows Program Manager
- modifies WIN.INI by adding the path of WinFree to the section
  [windows], key load=
- exits Windows if needed, copies some files and restarts Windows

WinFree is automatically started when Windows is started.
To close WinFree, start WinFree a second time.

Network Setup
To install WinFree in a network, you have to copy the installation
disk as is to a directory on your file server.
From every client computer you have to run SETUP.EXE.

How to Order/Register

Why you should order WinFree
- The displayed message popping up is removed in the release version
- The demo version shuts down itself after an hour
- Support is only available on release versions
- If we can contact you by e-mail, you will be informed about updates

How you can order WinFree

By Mail

Send the order form (see 'Order Form' at the end of this document) to:

Marwin Consulting
Risistr. 11B
CH-8903 Birmensdorf
Switzerland

and supply a check or money.

For amounts over 500$ pay directly
into the following bank account :

Account-Number : 7208528/02
Bank : Migros Bank
          Seidengasse 12
          CH-8023 Zuerich
          Switzerland

After receipt of your valid check or transfer we will send you
a full version of WinFree by postal mail.

See : 'Examples to get the correct amount'

By Fax

Send the order form (see 'Order Form' at the end of this document)
to : +41/1 7370706

Do not forget to include your postal address and your fax number.
Payment works as described in order by mail (see 'By Mail').

After receipt of your valid check or transfer we will send you
a full version of WinFree by postal mail.

See : 'Examples to get the correct amount'

<u>By E-Mail</u>

<u>By CompuServe :</u>

Use GO SWREG with the registration ID : 4254

or send the order form (see 'Order Form' at the end of this document)
to the following CompuServe address : 100272,1040

<u>By Internet :</u>

Send the order form to the following
Internet address : 100272.1040@COMPUSERVE.COM

Do not forget to include your postal address and your fax number.
Payment works as described in order by mail.

After receipt of your valid check or transfer we will send you
a full version of WinFree by postal mail. (Sorry, we have no file
transfer capability...)

See : 'Examples to get the correct amount'

<u>Pricing List</u>
The following currencies are accepted :
Swiss Francs (SFr), German Marks (DM) and US Dollars ($).

For shipment & handling for 1 diskette the following amount is charged :

- Destination Switzerland : SFr 3.-
- Destination in Europe : SFr 5.-, DM 6.-, $4
- Destination outside Europe : $5

Note : Charging for shipment & handling only applies
if the copy is sent by postal mail.

Pricing list per licence :

number of licence(s)	price per licence in SFr	price per licence in DM	price per licence in $ (US)	discount in percent
1-199	30	34	24	0%
200-399				10%
400-599				20%
600-799				30%
800-999				40%
1000-1499				50%
1500-1999				60%
2000-unlimited				call

Examples to get the correct amount

(a) You want to buy 1 licence. The copy should be sent by postal mail. You are living in USA.

Price : 1-199 -> $24
Shipment&Handling for 1 diskette : $5

Total : $29
You have to sign a check on amount $29 or transfer
$29 to the bank account. After receiving your payment,
we will send you a copy by postal mail (do not forget
to include your postal address).

(b) You want to buy 234 licences. But you want only two

diskettes sent to Spain by postal mail.

Price : 200-399 -> you get a discount of 10%
        Calculation is : (234 * 24$) - (10% of (234 * 24$))
                = $5616 - $561.6 = $5054.4
Shipment&Handling for 2 diskettes : $8

Total : $5062.4
You have to sign a check on amount $5062.4 or transfer
$5062.4 to the bank account. After receiving your payment,
we will send you a copy by postal mail (do not forget
to include your postal address).

(c) You want to buy 1 licence. You order by CompuServe-mail.

Price : 1-199 -> $24

Shipment&Handling by CompuServe :   around $5.60

Total : $29.60

If you order by GO SWREG and use registration ID : 4254 on CompuServe,
billing will be automatically done by CompuServe. We will send you
a copy by CompuServe mail.

Product Description

The Problem :

How many times have you tried to start an application and Windows claimed
to be out of memory? Checking the Aboutbox of Program Manager, it stated
plenty of free memory and system resources available on your machine.
Regardless if you have a 386, 486 or even a Pentium machine, 4, 8, 12 or
more megabytes of memory, Windows was not able to use your investment
in hardware and software. The reason is, that in the design and
implementation of Windows 3.x and Windows for Workgroups 3.11, the real

DOS memory has a higher value for running applications under Windows
as mentioned in Microsoft literature.
Starting Windows, the operating system loads itself in the DOS memory,
i.e. the famous 640 Kilobyte area. If you have already installed some
drivers such as network drivers or a protocol stack under DOS,
the Windows operating system grabs its additional part of DOS memory.
In short : after starting up Windows, your free DOS memory could now
be 200 Kilobytes or less.

To manage running applications under Windows, the Windows operating
system uses a dynamic database, called the Task Database (TDB).
Every task (every application is a task) has an entry of 512 Bytes
in the TDB. The TDB entries are located in the real DOS memory.
If there are no more blocks of 512 bytes available in the real DOS
memory, Windows can not start an application and you are presented with
the error message described above.
But how did it come about that you do not have enough real DOS memory?

Windows is a modern operating system and should move memory blocks
anywhere in the memory space. Certain memory blocks, however,
are fixed at an address in memory and can not be moved.
If Windows loads an application which needs fixed memory blocks, it
starts looking for space starting at address 0 - where the real DOS
memory starts. Finding free space in the real DOS memory for a fixed
block memory means, that this block can not be relocated by Windows
and consumes valuable memory space which otherwise would be used later
by the TDB! Several requests for fixed memory blocks can bring Windows

very quickly to the situation described at the beginning - out of memory.
Since every application has at least one block of memory fixed,
the real DOS memory can be exhausted rather quickly.
The truth of the matter is, these fixed blocks can actually be allocated
anywhere in memory. They do not have to come from the valuable
real DOS memory area.
In other words, the strategy of Windows starting at address 0 to satisfy
fixed-memory requests is a design weakness.

The Solution :

WinFree prevents Windows from starving out of valuable real DOS memory.
Running WinFree reduces the possibility of running out of memory due to
a shortage in the DOS memory space to practically zero. You can now start
enough of applications for which Windows can allocate enough TDBs in the real DOS memory.

Note : If Windows is low on system resources, it shows the same behavior as
described above, but with the difference that the Aboutbox of Program
Manager shows the percentage of free system resources under 10%.

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friends for evaluation. Please encourage them to order their
copy if they find that they can use it. All users who order the Release
Version of WinFree will receive a copy of the latest version of the WinFree
program.

The release version can only be ordered at Marwin Consulting
(see 'How to Order/Register').

Order Form

First Name :   Family Name :

_____   _____

Company :

_____

Street/PO Box :

_____

ZIP Code :

_____

City :

_____

State/Country :

_____

Number of licence(s) :_____ price per copy : ___   =   _____
minus Discount   :_____% is : _____.__   = -   _____.___

Number of diskettes :_____ costs per diskette : _____ =   _____

                                                Total :   _____.___
Paid by :
Check [ ]   Money [ ]   Bank Transfer [ ]

NOTE : if you want diskettes, you have to pay shipment&handling costs.
The diskettes will be sent by postal mail.
Sorry, we only have 3 1/2" diskettes.

NOTE : You will only receive your licence(s), if your payment is correct.

Thank you very much

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