

README for HGOPHER (Hampson's Gopher)

A Gopher Client For Windows 3.1 Version 2.4

Welcome

This is a Gopher+ Client for windows 3.1.

Send comments or problems on this product to m.hampson@ic.ac.uk

For information on winsock consult alt.winsock

For information on gopher consult comp.infosystems.gopher

For information on PC NFS consult com.protocols.nfs

HGopher now has online help. Please read the on line help section called "read this first" at least.

If you are a 2.3 user read the section "What's new in Version 2.4" to discover the bug fixes and enhancements.

Requirements

WINSOCK VERSION

- * MS Windows 3.1 (not tested with Windows 3.0)
Or Windows NT.
- * Winsock DLL and TCP/IP+Packet support layer.
- * See later for a list of Winsock tested versions.

PC NFS VERSION

- * MS Windows 3.1 (not tested with Windows 3.0)
 - * PC NFS Version 4 or version 5 (may work with other versions)
- NOTE: you can also use the Winsock version with PC NFS 5.0 and I suggest you do, as support for the native PC NFS version may be withdrawn at some point.

Installation

Available for ANON FTP from lister.cc.ic.ac.uk

Change to directory pub/wingopher and collect one of the files

hgopher2.4.zip [Winsock Version] (Binary mode required)
hngopher2.4.zip [Sun PC NFS Version] (Binary mode required)

Unzip the package you have chosen to get

hgopher.exe / hngopher.exe	Gopher program
hgopher.hlp	Online help
hgcs0.exe / hngcs0.exe	CSO Viewer
hgopher.ini	All the defaults
default.gbm	Some book marks

readme.txt

This file

Install these files in a directory of your choice. You should make this the working directory when you run HGopher from program manager.

If you have an existing 2.2/2.3 hgopher.ini in your windows directory HGopher 2.4 will use that. Else it will use the one in the working directory. Old Version 1.0 and 1.1 ini files will cause HGopher 2.4 a major stress attack - get rid of them.

You should also be able to get this product from the following archives

sunsite.unc.edu:<somewhere> (Probably a day or two delay)
microdyne.com:/pub/winsock/apps (or look in incoming)
boombox.micro.umn.edu:/pub/gopher/Windows (or via their Gopher)
ftp.york.ac.uk:<somewhere>

But make sure that you are getting the new 2.4 version (ie hgopher2.4.zip)

You can also get HGopher from the "HGopher Information Centre", here's the bookmark

```
#
Type=1
Host=gopher.ic.ac.uk
Port=71
Path=1/HGopher Information
#
# Note the port - 71 NOT 70.
```

Troubleshooting

WINSOCK VERSION

The first time you start it hgopher may not be able to connect to a server or will probably connect to the wrong server

Use the Options menu to config it as follows

Gopher Options

Set the name and path of your favorite gopher server

Select a directory for temp files that already exists

Hit the save button to save these setting between sessions

Hit the OK button to use these setting now

use "go home" from the command menu to get the main menu from your default gopher.

Network setup

Set whether you are using DNS or the Vendor look up service - If your vendor supports DNS lookup themselves I suggest you use their service as the inbuilt DNS has been shown not to work on some (most) Winsock versions.

If you are using the Winsock version with PC NFS you must use the inbuilt DNS as Sun have not only not bothered to implement DNS support but their own NIS does not function with their Winsock either (at least at the release level I have).

If using the inbuilt DNS remember to use IP addresses and not host names.

WINSOCK USERS PLEASE NOTE - The file WINSOCK.DLL is required by this program - if you don't have that file you are not running winsock. WINSOCK.DLL does not come with HGopher, it is part of the network package you are using. WINSOCK.DLL are NOT interchangeable you must use the correct one for your network stack. Public domain/ Shareware WINSOCK stacks are beginning to appear - tune to alt.winsock to stay in touch with what is going on in this field.

PC NFS VERSION

Make sure at least RTM is loaded before you start Windows

The first time you start it hngopher may not be able to connect to a server or will probably connect to the wrong server

Use the Options menu to config it as follows

Gopher Options

Set the name and path of your favorite gopher server

Select a directory for temp files that already exists

Hit the save button to save these setting between sessions

Hit the OK button to use these setting now

use "go home" from the command menu to get the main menu from your default gopher.

Network setup

Set whether you are using DNS or the Vendor name lookup - with Sun this is NIS - DNS is better.

Add up to 3 local DNS servers and your local domain

Hit OK. Remember to use IP addresses not hostnames.

Usage

For further usage information please read the online manual.

If you have any problems read the "read this first" section of the manual.

Winsock implementations tested against

HGopher should work with any winsock compliant software. Previous versions are known to work with the following.

Lanera - Verified to work
Distinct - Verified to work
Netmange - Believed to work
PC NFS 5.0 - Verified to work
PCTCP 2.11 - Verified to work
PCTCP 2.2 - Verified to work - However if you get a message
like PCTCPAPI052: get_kernel_info: Bad net_dope
structure 0x1ae01197, try getting a newer version
of their winsoc dll via ANON ftp
vax.ftp.com:/pub/winsockapi/FTPSoftware/winsock.dll.
SuperTcp 3.56 - Verified to work
Windows NT - Verified to work under Beta version
Wintrumpet Socket version 1.00 alpha #12 Verified to work
Wollongong Pathway for DOS Runtime Release 1.2.0.1 with fix c42992a.exe

Novell Lan WorkPlace for DOS Ver 4.1 (Patch level N)
(Special thanks to Brian Meek of Novell for making this software
available to me).

Persoft's SMARTTERM 420 for Windows
(Special thanks to Scott Meeker of Persoft for making this software
available to me).

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This version of gopher is not available in source code
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* The Resolver routines *

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* Misc utility routines (from Xgopher) *

* Allan Tuchman, University of Illinois at Urbana-Champaign

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