NLFind

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COLLABORATORS			
	TITLE : NLFind		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

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NLFind

1.1 NLFind />Version NLFind NN ND<\

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   /\     / \     /  \_               NLFind version />Version NLFind NN ND<\
  /  \  /  /    / /\_/                Copyright ©/>DATE LF="%Y"<\ Lee Kindness
 / /\ \/  /    /  \_
/ / \    \___/ /\_/                   Gives multiline node support for
/_/     \/_____/  i n d             points who use TrapDoor/GMS...
```

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1.2 Introduction

Does your boss have two or more lines? Do you freq nodes that have two or
more lines? If so it can rather annoying when the nodelist only lets TrapDoor
call one line... NLFind will fix this :) You can now call the first line, if
it is busy then the second is called, if that is busy then the nth is called
and so on. All this without quitting trapdoor.

NLFind works with any program that uses traplist.library to access the
nodelist, so it works with TrapDoor, GMS and many more! If you use
gotcha then look out for GMulti!

So I now get something like this when I try to poll my boss for mail:

.
.
.
~ 11-Aug-95 08:38:46 Initializing modem
+ 11-Aug-95 08:38:48 Calling Phantom BBS (2:259/26.0)
+ 11-Aug-95 08:38:48 Phone 709833, cost 0.00
~ 11-Aug-95 08:38:48 Dialing modem
~ 11-Aug-95 08:38:55 BUSY
– 11-Aug-95 08:38:55 Line is busy
~ 11-Aug-95 08:38:55 Hanging up modem
~ 11-Aug-95 08:38:55 Already hung up
~ 11-Aug-95 08:39:16 Initializing modem
+ 11-Aug-95 08:39:18 Calling Phantom BBS 2 (2:259/26.0)
+ 11-Aug-95 08:39:18 Phone 709834, cost 0.00
~ 11-Aug-95 08:39:18 Dialing modem
.
.
.

Note: You must be using Workbench 2 or higher and be using a nodelist.
NLFind will work with any utility or application which accesses a nodelist
via traplist.library not just TrapDoor. It will work with GMS.

1.3 Installation

                   To install NLFind follow the steps below:

 1. Either
    a) Drag NLFind into your WBStartup drawer
    or
    b) Copy NLFind to MAIL:bin and add:

Run >NIL: <NIL: NLFind

       to your user-startup.

 2. Copy the example configuration file (multiline.cfg) to MAIL:

 3.
                Edit MAIL:MultiLine.cfg to your setup
                    .

1.4   Editing MultiLine.cfg

An example entry from the configuration file looks like this:

multiline 2:259/26.0 2:259/10.0

 (if any address has a domain then the domain will be ignored)

 This is specifying that when TrapDoor tries to call 2:259/26 it will in fact
 call 2:259/26 and if that fails 2:259/10 and if that fails back to 2:259/26
 and so on.

 In general an entry looks like this:

MULTILINE < FQFA > [COPYPASS] { <FQFA | PnoneNumber > }

 Or in plain English: A line must start with "Multiline". Then the address
 of a node must be given (for example 2:222/2.0). If wished you may specify
 "COPYPASS" if you do so the password from the first node is copied when using
 the folloing nodes, this is
               not recommended
               , you are best to set up the
 passwords using setpasswd. You now must specify at least one (but can be
 more) nodes or
               phone numbers
                which are equivalent to this one. For example:

multiline 1:123/23.0 1:123/24.0 1:123/25.0 1543-12354

 This setup would be appropriate for a node which has 4 lines, 3 of which
 appear in the nodelist and 1 of which is unlisted.

 The configuration file may contain any amount of the above lines. Lines
 whose first character is ";" are treated as comments.

 If you want to test your config then I would recommend you
               get NLFind going
                and then use the getnode command to get information about one of ←
                   the nodes,
 each time you run the commend the phone number should change, for example:

0> getnode 2:259/26
Node 2:259/26.0, "Phantom BBS" is in Aberdeen
System is listed as Node
Operated by Iain Sherrit
Region 25, Hub 300
Baud 9600
Phone 709833, Cost 0.00
Flags CM,XA,H16,V34,U,NEC
Password XXXXXXXX
0> getnode 2:259/26
Node 2:259/26.0, "Phantom BBS 2" is in Aberdeen
System is listed as Node
Operated by Iain Sherrit
Region 25, Hub 300
Baud 9600

```
Phone 709834, Cost 0.00
Flags CM,XA,H16,V34
Password XXXXXXXX
0> getnode 2:259/26
Node 2:259/26.0, "Phantom BBS" is in Aberdeen
System is listed as Node
Operated by Iain Sherrit
Region 25, Hub 300
Baud 9600
Phone 709833, Cost 0.00
Flags CM,XA,H16,V34,U,NEC
Password XXXXXXXX
0>
```

1.5 Why not to use COPYPASS

In general the option COPYPASS should not be used. Using it can lead
to system crashes. You should use setpasswd to set up a password for the
nodes instead.

1.6 Phone Numbers

If you specify a phone number rather than a node number then the number must
be the same size or smaller than the number which the main node has.

1.7 Using NLFind

```
         Make sure you have
       installed and set up
        NLFind properly. When this
has been done NLFind will be run every time you swith your computer on.
```

NLFind installs itself as a commodity when run, so it can be quit or
disabled using exchange.

NLFind supports an additional option (only available if you have added it
to your user-startup). This option specifies a config file to use rather
than MAIL:Multiline.cfg eg you might have the following in you user-startup:

```
Run >NIL: <NIL: NLFind Comms:nlfind.cfg
```

1.8 Copyright, Discalimer and Distribution

```
/>Insert S:Legal<\
```

Maximilian Hantsch and Martin Laubach have the express permission to include
NLFind in distributions of TrapDoor or to use segments of the code in
TrapDoor.

1.9 Version History

```
1.0  : xx.07.95
     - Initial version, limited release.
     - No configuration file, only handled subsitutions for 2:259/26.0

1.1  : 11.08.95
     - Added configuration file.
     - First general release.

1.2  : 31.08.95
     - Fixed bug with NLIndexFind() patch (return was incorrect)
     - Tidied up and fixed misc. small bugs.

1.3  : 13.12.95
     - Bug fixed. Was returning junk (normally "traplist.library") for nodes
       which were not in the config every so often. I had forgot to initilise
       a variable!

1.4  : 07.01.96
     - Domains (eg @fidonet) are now ignored in the preference file. This
       allows NLFind and GMulti use the same config.
```

1.10 Thanks

```
Thanks must, of course, go to Maximilian Hantsch and Martin Laubach for
the creation of TrapDoor.
```

1.11 Contact

```
/>Insert S:AllContact<\
```

1.12 Other Programs

```
/>Insert S:Programs<\
```