NLFind

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COLLABORATORS

	TITLE : NLFind		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	Lee Kindness	August 4, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

NLFind

1.1   NLFind 1.2

```
                                _   __
       /\    / \      / \_            NLFind version 1.2
      /  \  /  /     / /\_/           Copyright ©1995 Lee Kindness
     / /\ \/  /     /  \_
    / /  \    \___/ /\_/              Gives multiline node support for
   /_/    \/_____/  i n d          points who use TrapDoor.
```

           Introduction
        : What does it do?

           Installation
        : How to setup

              Usage
        : Using it

           Copyright
        : Copyright, discalaimer and distribution

        Version History
        : How has it evolved?

              Thanks
        : Thanx and greets
        Other Programs : Try them

              Contact
        : How to contact the author

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 call, if that is busy then the nth is called
and so on. All this without quitting trapdoor.

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. Does it work with GMS?? (you tell
me :)

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
```

 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

```
Disclaimer
~~~~~~~~~~
I hereby reject any liability or responsibility for these or any
other consequences from the use of NLFind whatsoever. This includes,
but is not limited to, damage to your equipment, to your data,
personal injuries, financial loss or any other kinds of side effects.
Although NLFind has been tested thoroughly on several different
machines, I cannot rule out the possibility that NLFind
```

    1. is somehow incompatible to your equipment

2. has bugs that show up on your equipment

3. does not do what it is supposed to do on your equipment

It is your responsibility to take any precautions necessary to
protect yourself from these or any other effects. I explicitly
reject any liability or responsibility from the consequences of you
using NLFind

Distribution
~~~~~~~~~~~~

NLFind may be freely distributed and copied, as long as the following
conditions are fulfilled:

1. All parts of the program and the documentation must be complete.
   The distribution of single parts or incomplete subsets of the
   original distribution is forbidden.

2. If NLFind is to be included in a commercial distribution (including
   magazines!) then I must be sent a copy of the product (or if it is a
   mag that I am subscribed to then an increase in subscription). It
   would be better if you contacted me beforehand to ensure you have the
   latest version. In any case full credit must be given within the
   program documentation or magazine.

3. If the included source code is used in another program then credit
   must be given in the documentation.

Note To Magazines
~~~~~~~~~~~~~~~~~~

In the past I have had some of my programs included on magazine coverdisks
without my permission when in the documentation it was stated that this
was required... I want my programs on coverdisks but you _MUST_ read and
fufil the "Distribution" section above. If you disagree then contact me
or write a message in the AMIGA_MAGS echo...

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.
```

1.10 Thanks

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

1.11 Contact

NLFind is mailware, please send suggstions and anything else to the
following addresses:

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