

# **NLFind**

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**COLLABORATORS**

	<i>TITLE :</i> NLFind		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## NLFind

### 1.1 NLFind 1.3

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```

```
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NLFind version 1.3
Copyright ©1995 Lee Kindness
```

```
Gives multiline node support for
points who use TrapDoor.
```

```

      Introduction
      : What does it do?

      Installation
      : How to setup

      Usage
      : Using it

      Copyright
      : Copyright, disclaimer 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 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!

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

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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 following 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 command 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 XXXXXXXXX
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 XXXXXXXXX
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 XXXXXXXXX
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, Disclimer 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 fulfil 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 substitutions 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 : 08.09.95
  - Removed the bug that caused "traplist.library" to be returned as the phone number with some nodes.

## 1.10 Thanks

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

Thanks to Ian Forest... Junction 21 is a great BBS.

## 1.11 Contact

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

Internet:

wangi@spuddy.mew.co.uk  
wangi@fido.zetnet.co.uk

Fidonet:

"Lee Kindness" 2:259/26.20

(Snail)mail:

Lee Kindness  
8 Craigmarn Road  
Portlethen  
Aberdeen  
Scotland  
AB1 4QR