FindXXX

COLLABORATORS

	TITLE : FindXXX		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 5, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

FindXXX

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                                        GFindXXX

                        A Comprehensive (Gotcha) nodelist
                        searching utility.

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Compiled   />Date from GFindXXX LF="%A %d %B %Y %q:%M:%S"<\
Exe size   />Program NL List GFindXXX LFORMAT=%l<\ bytes
Version   />Version GFindXXX FULL<\
Distribution built   />Date LF="%A %d %B %Y %q:%M:%S"<\

1.2 Introduction

Ever wanted to freq a node but didn't know the number?? Well help is here
now!

Comprehensive Nodelist searching utility. Can choose to limit the search
to a certain subrange. Has a powerful LFORMAT (custom output) option.
Supports multiple wildcards. Can search on phone number, location, sysop
name and BBS name.

Uses the Gotcha nodelist.

1.3 Installation

To install simply follow the steps below (clicking on the button will
automatically do the action!)

1. Copy GFindXXX to MAIL:bin
2. Copy GFindXXX.guide to MAIL:docs

1.4 Usage

GFindXXX accepts the following argument template:

        PATTERN/M/A,N=NPAT/K,S=STYPE/K,FULL/S,POINTS/S,
        VERBATIM/S,STRIPDASHES/S,QUIET=NOINFO/S,LFORMAT/K,NODELIST/K

PATTERN --- Wildcard to search the nodelist for. All standard Amiga wildcards
    are supported. The search is case-insensitive. At least one pattern must
    be given but you can supply more.

NPAT --- Will only search nodelist entries which match this address pattern.
    '?' is used to denote a wildcard. For example
        2:?/?.?@?
    would search all nodes in zone 2. You can use '*' if the rest of the
    adress is going to be '?', for example i could also have used
        2:*
    in the previous example. Another example:
        ?:?/666
    would search all nodes with address 666. Defaults to '*', ie all
    nodes in the nodelist. You can use N for short to specify this option.

STYPE --- Type of search. You can search for node names, sysops names, phone
    numbers, locations and fidonet address. Set to one of the follwing:

        system   -- search on node name (default)
        sys   --   "   "
        node   --   "   "
        bbs   --   "   "
        sysop   -- search on sysop's name
        owner   --   "   "
        place   -- search the location

```
        city      --      "                  "
        location --      "                  "
        loc       --      "                  "
        phone     -- search the phone numbers
        telephone --      "                  "
        3d        -- search on the 3d address (eg 1:123/45 format)
        3         --      "                  "
        4d        -- search on the 4d address (eg 1:123/45.0 format)
        4         --      "                  "
        address   --      "                  "
        addr      --      "                  "
        adr       --      "                  "
        5d        -- search on the 5d address (eg 1:123/45.0@fidonet format)
        5         --      "                  "
        domain    --      "                  "
        flags     -- search on the node flags
        flag      --      "                  "
```

    You can use S for short to specify this option.

  FULL --- Specifies the output mode. If this switch is not specified then for
      each node found only 1 line of information is display. However if it
      is specified then more data is displayed.

  POINTS --- If specified then points are included in the search.

  VARBATIM --- Entries will not be subject to conversion before searching,
      in particular the phone number will not be parsed for the %P and %m
      LFORMAT options.

  STRIPDASHES --- Remove dashes from phonenumber before searching. Only used
      if STYPE=phone is also used.

  QUIET, NOINFO --- Will not print the "# " information lines

  LFORMAT --- The most powerful option. This allows you to use a custom
      output format. It is similar to the LFORMAT option of List. The argument
      is a string which can contain the following formatting codes:

```
        %% -- %
        %n -- newline
        %t -- tab
        %r -- return
        %v -- vertical tab
        %q -- " (quote character)
        %a -- BEL (alert/beep character)
        %b -- backspace character
        %C -- output an asterix "*", useful for escaping the shell formatting
              codes.
        %S -- system name
        %A -- system address (short for "%z:%e/%N.%p@%d")
        %3 -- 3D system address (short for "%z:%e/%N")
        %4 -- 4D system address (short for "%z:%e/%N.%p")
        %5 -- 5D system address (short for "%z:%e/%N.%p@%d")
        %u -- 3D adress if system is a node, 4D address if it is a point.
        %l -- system location
        %s -- sysop's name
```

```
        %F -- sysop's first name
        %x -- sysop's name in the form firstname.lastname
        %g -- Gated email constructor, For example for the node 2:259/15
              it would return "mike.henderson@f15.n259.z2". So to build
              up the default email address of a fidonet system
              "%g.fidonet.org" could be used.
        %T -- type of system, one of "Point", "Zone", "Host" (for a net),
              "Region", "Node" or "Pvt" (private system).
        %P -- phone number
        %o -- Untranslated phone number. Always untranslated, not dependent
              on the VERBATIM switch
        %m -- The nodes BBS phone number, or "MAIL ONLY" if it does not
              run a BBS
        %O -- Untranslated nodes BBS phone number, or "MAIL ONLY" if it
              does not run a BBS. Always untranslated, not dependent on the
              VERBATIM switch
        %M -- ouputs "MAIL ONLY" if this node does not accept BBS callers
        %B -- baudrate
        %c -- accounting information
        %f -- nodelist flags
        %i -- Outputs the times that the system is online, "24hr", "ZMH Only"
              or the time range (using the Txx nodelist flag)
        %w -- password
        %z -- zone number
        %e -- net number
        %N -- node number
        %D -- node number, padded with 0's so that it is 4 characters wide
        %p -- point number
        %d -- domain
        %R -- region
        %h -- hub
        %L -- nodelist line

    If this option is not given then

        "%u %S, %l, %s, %P"

    is used unless the FULL option is specified, then

        "Node %A, %q%S%q is in %l%n
         System is listed as %T%n
         Operated by %s%n
         Region %R, Hub %h%n
         Phone %P, Cost %c%n
         Flags %f%n
         Password %w%n"

    is used.

 NODELIST --- Directory where the nodelist files are kept. Defaults to
     "NodeList:". gotcha.library is used to access this nodelist.


 Examples:

>GFindXXX n 2:* s sysop LFORMAT "%3%n  %S%n  %s" #?wilbert#?
```

Search all nodes in zone 2 for a sysop whose name conatains "Wilbert",
output the system address (3d), name and the full sysop name. An
example of output for a matching node:

```
2:2802/207
  Pandarve
  Wilbert van der Zandt
```

>GFindXXX n 2:* s 3d LFORMAT "%3" 2:#?/666

Search all zone 2 nodes for a node 666 in any net, output the address.
Example of output:

```
2:235/666
```

>GFindXXX #?chaos#? lformat "%u is cHa0t|c!!!"

Search the whole nodelist for systems with "Chaos" in their name. Example
of output:

```
2:259/15 is cHa0t|c!!!
```

>GFindXXX n 2:250/366 FULL #?

Output 'full' details for 2:250/366, very similar to getnode. Example of
output:

```
Node 2:250/366.0@fidonet, "Frost Free BBS" is in Huddersfield
Operated by Dave Naylor
Region 25, Hub 3000
Phone 01484-842341, Cost 0.00
Flags XX,CM,V32B,H16,V32T,VFC,V34
Password ITELLLIES
```

In my user-startup i have the following alian defined:

```
alias getnode "GFindXXX n [] #? FULL QUIET"
```

In practise it is an almost 100% replacement for traplist's getnode (and
Gotcha's getinfo). Benefits being that it can handle simple node patterns,
for example "GetNode 2:259/*" would printout all nodes in net 259 if this
alias was used.

For a more comprehensive example look at the script make259 in the,
distribution. I use GFindXXX via this script to build up the WWW homepage
for net 2:259. It basically translates the 2:259 nodelist segment into
HTML. If you're interested the page is:

```
http://www.scms.rgu.ac.uk/students/cs_yr94/lk/fido259.html
```

1.5   Version History

```
16.12.95 : 1.11
         - Initial version based on FindXXX 1.67


17.03.96 : 1.34
         - Added "QUIET=NOINFO/S" command line option
         - Added:
             %3 -- 3D address
             %4 -- 4D address
             %5 -- 5D address
             %u -- 3D address if node, 4D if point
             %x -- firstname.lastname
             %g -- firstname.lastname@pX.fX.nX.zX
             %m -- BBS phone number
             %M -- Mail only?
             %i -- Online time
           LFORMAT options


29.03.96 : 1.38
         - Bug Fix, was not correctly displaying the number of matched
           nodes. Bug introduced when "QUIET=NOINFO/S" option was added.
         - Added:
             %o -- Untranslated phone number
             %O -- Untranslated nodes BBS phone number
           LFORMAT options


21.04.96 : 1.52
         - Added the address (3, 4 and 5 d) and flag search types
         - Implemented the %T LFORMAT option, previously it inserted just
           "unknown"
         - Added aliases for all the search types.
         - Added examples to the guide plus the make259 script.


22.04.96 : 1.55
         - Added:
             %C -- Output an asterix "*"
             %F -- sysop's first name
           LFORMAT options
         - System type now output when FULL is specified. Therefor output
           is exactly the same as getnode now when FULL option is used.


25.04.96 : 1.56
         - Added:
             %D -- node number, padded with 0's so that it is 4
                     characters wide
           LFORMAT option.


09.06.96 : 1.60
         - Fixed POINTS option.
         - Added "Pvt" (private) to the list of system types returned
           by the %T LFORMAT option.


16.09.96 : 1.68
         - Added:
             %L -- Nodelist name
```

```
LFORMAT option
```

1.6 Disclaimer, Distribution and Copyright

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

1.7 Contact

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

1.8 Other programs

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