

GTools

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Chapter 1

GTools

1.1 Gotcha Tools Documentation

Gotcha Tools Documentation

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GList~~~~~	The nodelist compiler
GetInfo~~~~~	Get and search the nodelist for informations
GTell~~~~~	Send ARexx commands
ShowXConfig~~~~~	Show custom configuration entries
GPoll~~~~~	Gotchas call scheduler
Trap2G~~~~~	Convert Trapdoor to Gotcha configurations
GFReq~~~~~	Gotchas little file request helper
GConfig~~~~~	Gotchas configuration tool

Legal~stuff

1.2 GList

Basics~~~~~	What do you need it for
Usage~~~~~	How to use and config it

1.3 GList Basics

GList is Gotchas nodelist compiler. If you want to call nodes by telling Gotcha the address (zone:net/node.point) rather than the phonenumber, or if you want to have custom configurations than you will need to compile a nodelist (or several if you want) with GList so Gotcha can access the data stored therein.

Acctually if you are a node and want to stay sane you should use it, points don't really need to but of course it works for points too.

What is a nodelist

A nodelist is a text file that contains a list of all, or a part of all nodes of a network (e.g FidoNet, AmigaNet). For each node it holds informations such as the phonenumber, BBS name, sysop, etc.

What is a nodediff

A nodediff is a text file that contains changes for a specific nodelist.

1.4 GList Usage

GList VERBOSE/S,UPDATE/S,CONFIG

If you have specified the CONFIG keyword GList is going to try to open the specified file else GList will look for it's config file 'Glist.config' first in the current directory and if not found there in 'mail:' and then in 'nodelist:'.

Options:

VERBOSE .. print out some more information on what's happening
UPDATE .. only update the password, cost, dial, setconfig information from the config file, not compile the nodelist.
CONFIG .. (path and) name of the config file. If your config is not named 'glist.config' or if you want to place it somewhere else than the current directory, mail: or nodelist: then use this one.

If you need to use a ';' somewhere as a configuration you must escape it with an backslash. The same is true for backslashes.

Configuration commands (from v1.2 on the order is no longer important):

nodelistpath <path>

This tells GList where the nodelist(s) can be found and where to put its own files.

Example: nodelistpath "nodelist:"

deloldlists yes/no

Specifies wether old nodelists should be deleted after a nodediff was applied to it.

Example: deloldlists yes

delolddiffs yes/no

Specifies wether old nodediffs should be deleted after they have been applied to a nodelist.

Example: delolddiffs yes

zone <number>

Default zone number for nodelists without zone informations.

Example: zone 2

report <filename>

Specifies the file to save comments from the nodelist in.

Example: report "ram:fidoreport.txt"

comment <characters>

When parsing the nodelist and GList encounters a comment the line will be stored in the report file if the comment-identifier (the 2nd character in the line) was specified in <characters>.

Comment-identifiers:

```
;S This comment is of particular interest to Sysops.
;U This comment is of particular interest to BBS users.
;F This comment should appear in any formatted "Fido List".
;A This comment is of general interest (shorthand for ;SUF).
;E This comment is an error message inserted by MakeNL
; This comment may be ignored by a nodelist processor.
```

Example: comment SUA

nodelist <nodelist> diff <nodediff> domain <domain>

This specifies the name (without extension!) of the nodelist file, the name of the belonging diff file and the domain of the nodelist. The nodelists will be compiled in the order specified in the config file, it is important to put pointlists (and alike lists) at the end!

```
Examples: nodelist "NODELIST" diff "NODEDIFF" domain "fidonet"
          nodelist "AMYLST" diff "AMYDIFF" domain "amiganet"
          nodelist "POINT4D" diff "" domain "fidonet"
```

password <password> <node> [<node> ...]

Set sets up a password for (a) certain node(s). If calling out Gotcha will fetch the password and send it out. On incoming calls it will check whether the remote's password matches the one you set up, if not Gotcha will hang up.

Example: password "abcdef" 39:23/5@amiganet 2:310/108@fidonet

dial <original string> <replacement string>

Specifies a phonenumbers translation. Phonenumbers are stored in international format in the nodelist. In order to be able to use them you will need to specify some dial statements. When Gotcha looks up a node to the nodelist it will search the translation table for a match and replace <original string> with <replacement string>.

```
Examples: dial "43-2252-" "905-"
          dial "43-2682-" "998-"
```

cost <cost> <phonenumbers prefix>

Specifies cost per minute for the set of phonenumbers that have <phonenumbers prefix> in common. When Gotcha calls a node and there is a cost specified it will be able to show the total cost for that call. If you specify '-1' as cost this number will never be called.

```
Examples: cost 67 "43-2250"
```

```
cost      67      "43-2251"
cost      1330    "213-"
```

```
setconfig <address> [.<nodelist flag>.] <config string>
```

Specifies a custom configuration for a single node or all nodes matching the address-pattern.

It is also possible to set a custom configuration depending on the nodelist flags. Say you want to set a config for all nodes with the ISDN flag, write 'setconfig * .ISDN. <desired config>'. Note that in the previous example the config will get set if the string ISDN is found SOMEWHERE in the flags, ie ISDNC, ISDNX or FOOISDN would also cause the config to be set.

To avoid this behaviour add a ',' to the string to be matched.

'setconfig * .,ISDNC,. <config>' will make Gotcha set the config only if ISDNC is found.

'setconfig * .,ISDN. <config>' will make Gotcha set the config only if a flag is found which starts with ISDN (ie ISDNC, ISDNFOO).

'setconfig * .ISDN,. <config>' will make Gotcha set the config only if a flag is found that ends with ISDN (ie FOOISDN, BARISDN).

It is also possible to specify multiply nodelist flags.

'setconfig 2:* .,FOO,.,BAR,. <config>' will cause the config to be set if the address is in zone 2 and FOO is a nodelist flag and BAR is a nodelist flag of that address.

```
Examples: setconfig 39:* AFTERSESSION "s:amiganet.bat"
          setconfig 40:* AFTERSESSION "s:amiganet.bat"
          setconfig 41:* AFTERSESSION "s:amiganet.bat"
```

```
;----- example configuration -----
```

```
nodelistpath "nodelist:"
```

```
deloldlists yes
```

```
delolddiffs yes
```

```
zone 2
```

```
report "ram:fidoreport.txt"
```

```
comment SUA
```

```
nodelist "NODELIST"      diff "NODEDIFF" domain "fidonet"
```

```
report "ram:amyreport.txt"
```

```
nodelist "AMYLEST"      diff "AMYDIFF" domain "amiganet"
```

```
report "ram:pointreport.txt"
```

```
nodelist "POINT4D"      diff "" domain "fidonet"
```

```
password "abcdef" 39:23/5@amiganet 2:310/108@fidonet
```

```
password "bcdefg" 1:2/3.4
```

```
; phone number translation:
```

```
dial      "43-222-"      ""          ;local calls
```

```
dial      "43-1-"       ""          ;local calls
```

```

dial      "43-2252-"      "905-"      ;Baden
dial      "43-5574-"      "999-"      ;Bregenz
dial      "43-2682-"      "998-"      ;Eisenstadt
dial      "43-316-"       "993-"      ;Graz
dial      "43-463-"       "994-"      ;Klagenfurt
dial      "43-732-"       "997-"      ;Linz/Donau
dial      "43-2236-"      "902-"      ;Mödling
dial      "43-662-"       "996-"      ;Salzburg Stadt
dial      "43-2742-"      "907-"      ;St. Pölten
dial      "43-2266-"      "908-"      ;Stockerau
dial      "43-2622-"      "906-"      ;Wiener Neustadt
dial      "43-"          "0"         ;Rest of Austria
dial      "352-"         "00432-"    ;Luxemburg
dial      "39-"          "040-"      ;Italy
dial      "49-"          "060-"      ;Germany
dial      "41-"          "050-"      ;Switzerland
dial      "- "          "- "         ;"-Unpublished-" unchanged
dial      ""            "00"         ;add "00" to other entries

```

```

;cost table:

```

```

cost      400      "43-2212-"
cost      400      "43-2213-"
cost      400      "43-2214-"
cost      400      "43-2253-"
cost      867      "32-"
cost      867      "49-"
cost      867      "45-"
cost      1333     "358-"
cost      867      "33-"
cost      1333     "30-"
cost      1333     "44-"
cost      -1       "- "      ;-Unpublished-
cost      2800     ""        ;rest of the world

```

```

;custom configurations

```

```

setconfig 39:* AFTERSESSION "s:amiganet.bat"
setconfig 40:* AFTERSESSION "s:amiganet.bat"
setconfig 41:* AFTERSESSION "s:amiganet.bat"

```

```

;-----

```

1.5 GetInfo

Usage: GetInfo <address> [<pattern>] [<output type>]

GetInfo can be used to obtain informations for one single node or for a set of nodes matching the address~pattern (and the text pattern).

<pattern> will be enclosed in #? and the Dos patternmatching function will be used. E.g to list all nodes in the nodelist containing either 'John' or 'Mike' do: "GetInfo * (John|Mike) "

<output type> is one of a,b,c,d or e where 'a' will give most

informations and 'e' very few. If you want to use <output type> but not <pattern> specify "" as <pattern>.

GetInfo needs a compiled nodelist (GList) in 'nodelist:'.

```
Examples: GetInfo 1:* "John Doe"
          GetInfo 2:310/*
          GetInfo * "amiga"
```

Press Ctrl-C to stop GetInfo.

1.6 GTell

GTell [<ARexx port>] <ARexx command>

This little tool will send out <ARexx command> to <ARexx port> or if <ARexx port> was not specified to a port called "GOTCHA".

This is quite handy e.g. to tell Gotcha with ARexx-port "G0" to call 2:310/108 type: 'GTell G0 "call 2:310/108"'

Or to get the current Hydra settings:
'GTell G0 "getconfig NOHYDRA"'

If you specify '!' as <ARexx port> a requester will pop up and ask for a port.

1.7 Address Patterns

Address Patterns and Wildcards

Sometimes it is allowed to specify a pattern instead of a full address. For those address patterns two wildcards are allowed: '*' and '?'.
'?' replaces one single item.
'*' means: assume '?' for the rest of the items.

E.g. '2:*' would match all addresses in zone 2.
'1:???.0' would match all nodes in zone 1.
'?:1/?.0' would match all nodes in net 1 in all zones.
'?:?/?.0@amiganet' would match all addresses in amiganet.

Note that domains are per default assumed to be '?'.
So 1:2/3 would match 1:2/3@abcdnet and 1:2/3@xyznet.

1.8 ShowXConfig

Usage: ShowXConfig <address>

This tool will list all, or parts of, the custom configurations set with the setconfig keyword in 'glist.config' (see GList).

<address> may be a pattern too.

Example: ShowXConfig * ; shows all custom configurations
ShowXConfig 2:* ; shows custom configs for zone 2

1.9 GPoll

GPoll [+/-C] [+/-D] [+/-N] [+/-R] [-O<outbound dir>] [-P<port>] [-A] [-G]

GPoll will scan your outbound directory for files that need to be delivered. It will build a calling list and send it to <port> (or GOTCHA per default), this will only work with 4D-filenames such as '39.23.5.0.out'.

NOTE: If you want to use this tool from within Gotcha (as a function key command or from the ARexx sender) you MUST 'run' the program, NOT spawn it! This is because it will send ARexx commands to Gotcha, while Gotcha is waiting for the command to complete, the least thing that could happen are enforcer hits, the worst a crash.

+C or -C

Tells GPoll to (not) call nodes which have crash mail waiting (#?.CLO, #?.CUT). Default: +C

+D or -D

Tells GPoll to (not) call nodes which have direct mail waiting (#?.DLO, #?.DUT). Default: -D

+N or -N

Tells GPoll to (not) call nodes which have normal mail waiting (#?.OUT, #?.FLO). Default -N

+R or -R

Tells GPoll to (not) call nodes which have request mail waiting (#?.REQ). Default: -R

-O<outbound directory>

Specifies the outbound directory. Default: 'mail:outbound'

-P<port>

Specifies the ARexx port name to send the call-list to.
Default: GOTCHA

-G

This will open a GUI which allows (and requires) some interaction.

-A

If '-G' is specified this will make GPoll open on the current active screen.

Example: GPoll +C -D -N -R -pGOTCHA -oMail:outbound
;this is also the default

1.10 Trap2G

Usage: Trap2G <trapdoor.cfg> <gotcha.config>

This little tool will convert TrapDoor configuration files to Gotcha configuration files. Note that not all TD-keywords are supported but about all that are usefull.

1.11 GFReq

Usage: GFReq [ACTIVE]

This is little tool is intended to help on filerequests. If ACTIVE is specified as a cli argument it will open its window on the active (public) screen.

First select an address were you want to make your filerequest, enter it in the topmost string gadget. Then select the files you want to request. If you click on "CALL" you will be presented a little window that should contain the name of a ARexx port to send the call command to, select a port and click on "CALL" to send the ARexx command or on "Cancel" to quit.

"Save Bak" will save a backup of the filerequest. If you enter the same address the next time and no .REQ file is found the bak file will be loaded (and deleted from disk!).

The best thing is to put this as an command on an function key with a FKEY keyword. E.g. FKEY10 "spawn mail:bin/GFReq ACTIVE"

1.12 GConfig

GConfig is a nice little GUI driven tool that lets you edit configurations, get configs from an running Gotcha and set configs for a running Gotcha.

Once started GConfig will try to read Gotchas default config "mail:gotcha.config". If that fails you have the choice to either quit or use the defaults.

If you're clever and either have a config in mail or decided to use the defaults you'll see a nice little (well depends on your screenmode and font ;) window with all sorts of gadgets in it.

Well, I guess it is quite obvious what all the stuff is about so lets have a look at the row of gadgets on the bottom of the window:

Quit

 HMMMMMM, what do you think happens if you click this one!!?

Get...

 That's a nice one. It lets you get a config from a Gotcha that's

running at the very moment you click this button. Just choose the ARexx port and there you go.

Set...

That's the reverse of 'Get...'. NB: Only use this on Gotchas that are hanging around idle. Weird things could happen else!
Some configs can NOT be changed this way (BUFFEREDLOG, ANSWER, QUIET, REXXNAME, CX_POPKEY, CX_PRIORITY, LOGLINES), that's why there is a * in the label name.

Load...

If you feel the desire to edit some other config then use this.

Save...

If you are done with your changes. It might be a good idea to save the config.

Help...

In case you don't know Gotcha.guide by heart (which is a shame :) and wonder what some weird keyword does click here.

1.13 Legal Stuff

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