

NAME

links – lynx-like alternative character mode WWW browser

SYNOPSIS

links [*options*] *URL*

DESCRIPTION

links is a text mode WWW browser, supporting colors, correct table rendering, background downloading, menu driven configuration interface and slim code.

Frames are supported. You can have different file formats associated with external viewers. mailto: and telnet: are supported via external clients.

links can handle local (file://) or remote (http://, ftp:// or https:// if there's compiled-in SSL support) URLs.

OPTIONS

Most options can be set in the user interface or config file, so usually you do not need to care about them.

-anonymous

Restrict links so that it can run on an anonymous account. No local file browsing. No downloads. Executing of viewers is allowed, but user can't add or modify entries in association table.

-assume-codepage <codepage>

Use the given codepage when the webpage did not specify its codepage. (default: ISO 8859-1)

-async-dns <0>/<1>

Asynchronous DNS resolver on(1)/off(0). Default is on.

-base-session <number>

Linkses are connecting together, forming sessions by default. Normally, there's only one session with number 0. In this way, you can make him to form more sessions at once. See also **-no-connect** option.

-download-dir <path>

Default download directory. (default: actual dir)

-download-utime <0>/<1>

Set time of download files on(1)/off(0). Default is off.

-dump Write a plain-text version of the given HTML document to stdout.

-format-cache-size <num>

Number of formatted document pages cached. (default: 5)

-ftp.anonymous-password <password>

Use this as the password for anonymous ftp sites.

- ftp-proxy** *<host:port>*
Host and port number of the FTP proxy, or blank. (default: blank)
- help** Print a help screen.
- http-bugs.http10** *<0>/<1>*
Turn use of HTTP/1.0 on(1)/off(0). Default is off.
- http-bugs.allow-blacklist** *<0>/<1>*
Turn blacklist of buggy servers on(1)/off(0). Default is on.
- http-bugs.bug-302-redirect** *<0>/<1>*
Turn broken redirect 302 (violates RFC, but compatible with Netscape) on(1)/off(0). Default is off.
- http-bugs.bug_post-no-keepalive** *<0>/<1>*
Turn no keepalive connection after POST request (for some buggy PHP databases) on(1)/off(0). Default is off.
- http-proxy** *<host:port>*
Host and port number of the HTTP proxy, or blank. (default: blank)
- language** *<langname>*
Language to use in user interface.
- max-connections** *<max>*
Maximum number of concurrent connections. (default: 10)
- max-connections-to-host** *<max>*
Maximum number of concurrent connection to a given host. (default: 2)
- memory-cache-size** *<Kbytes>*
Cache memory in Kilobytes. (default: 1024)
- width** *<size>*
Size of screen in characters, used in combination with -dump. (default: 80)
- no-connect**
Runs links as a separate instance - instead of connecting to existing instance. Prevents him to connecting to an existing session. See also **-base-session** option.
- receive-timeout** *<sec>*
Timeout on receive. (default: 120)
- retries** *<retry>*
Number of retries. (default: 3)
- source** Write the given HTML document in source form to stdout.

-unrestartable-receive-timeout <sec>

Timeout on non restartable connections. (default: 600)

-version

Print the *links* version number and exit.

NAVIGATION KEYS

You may optionally prefix each of these keys with a number, telling its repeat count (how many times to do it). You can also re-bind those keys, although this feature is still in the state of testing, so undocumented. The keys you may use for navigation are:

PGDN page down

Space page down

PGUP page up

b page up

B page up

CursorDOWN
next link/down

CursorUP
prev link/up

^INS copy to clipboard

^C copy to clipboard

INS scroll up

^P scroll up

DEL scroll down

^N scroll down

[scroll left

] scroll right

HOME
home

END end of page

CursorRIGHT
enter link/press button

ENTER
enter link/press button

CursorLEFT
go back

d download link

D download link

/ search in the page

? search back in the page

n find next match

N	find next match backwards
f	zoom actual frame
F	zoom actual frame
^R	reload page
g	go to URL
G	go to the current URL
a	add a new bookmark
A	add a new bookmark
s	bookmark manager
S	bookmark manager
q	quit
Q	quit
=	document information
 	header information
\	toggle HTML source/rendered view
*	toggle display of images
TAB	next frame
ESC	menu/escape
F9	menu
F10	file menu

EDITING KEYS

The following keys can be used while editing a line/jumping to a URL:

CursorRIGHT

move right

CursorLEFT

move left

HOME

jump to the beginning

^A jump to the beginning

END jump to the end

^E jump to the end

^INS copy to clipboard

^B copy to clipboard

^X cut to clipboard

^V paste from clipboard

ENTER

enter line

BACKSPACE

delete back character

^H delete back character
DEL delete character
^D delete character
^U delete from beginning of the line
^K delete to the end of the line
^W auto complete line

ENVIRONMENT

CONFIG_DIR

The location of ".links/"

WWW_HOME

Homepage location (as in **lynx**)

LINKS_XTERM

The command to run when selecting "File/New window" and if **DISPLAY** is defined (default "xterm -e")

LINKS_TWTERM

The command to run when selecting "File/New window" and if **TWDISPLAY** is defined (default "twterm -e")

SHELL

Used for "File/OS Shell" menu

COMSPEC

Used for "File/OS Shell" menu in DOS/Windows

FILES

~/.links/links.cfg

Per-user config file, automatically created by **links**. Its format is same as the one of *user.cfg*.

~/.links/html.cfg

Per-user config file, automatically created by **links**. It contains HTML rendering options. Its format is same as the one of *user.cfg*.

~/.links/user.cfg

Per-user config file, not overwritten while saving **links** configuration. You can add your own options there (e.g. keybindings). Each line consists from option name (same as the command-line one, but without leading dash and with dashes converted to underscores), space, and its value, in quotes if it's a string. Lines which start with # are considered as comments and skipped.

~/.links/bookmarks

Bookmarks file

~/.links/links.his

Sites history file

~/.links/socket

Internal links socket for communication between its instances.

PLATFORMS

links is known to work on Linux, FreeBSD, OpenBSD, Solaris, IRIX, HPUX, Digital Unix, AIX, OS/2 and BeOS. Port for Win32 is in state of beta testing.

BUGS

Can't connect to some FTP servers (Novell, NT). Connection stays in "Request sent" state.

Frames don't work if there're more frames with same name. Turn them off in such case.

You can't upload large files; it takes *_lots_* of memory.

You shouldn't press '^Z' when you are in a viewer

Please report any other bugs you find to **Mikulas Patocka** <mikulas@artax.karlin.mff.cuni.cz> or to **links mailing list** <links-list@linuxfromscratch.org>.

LICENSE

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AUTHOR

links was written by **Mikulas Patocka** <mikulas@artax.karlin.mff.cuni.cz>. See file *AUTHORS* in the source tree for a list of people contributing to this project.

The homepage of links can be found at <http://links.browser.org/>

This manual page was written by Peter Gervai <grin@tolna.net>, using excerpts from a (yet?) unknown *links* fan for the Debian GNU/Linux system (but may be used by others). Contributions from Francis A. Holop. Extended, clarified and made more up-to-date by Petr Baudis <pasky@ji.cz>.

SEE ALSO

lynx(1), **w3m(1)**, **wget(1)**