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Linux Ubuntu 22.4.5 Manual Pages on command 'lynx.1'

\$ man lynx.1

LYNX(1) General Commands Manual LYNX(1)

NAME

lynx - a general purpose distributed information browser for the World Wide Web

SYNOPSIS

lynx [options] [optional paths or URLs]

lynx [options] [path or URL] -get_data

data

--

lynx [options] [path or URL] -post_data

data

--

Use ?lynx -help? to display a complete list of current options.

DESCRIPTION

Lynx is a fully-featured World Wide Web (WWW) client for users running cursor-addressable, character-cell display devices (e.g., vt100 terminals, vt100 emulators running on Windows 95/NT/XP/7/8 or any POSIX platform, or any other ?curses-oriented? display). It will display hypertext markup language (HTML) documents containing links to files residing on the local system, as well as files residing on remote systems running Gopher, HTTP, FTP, WAIS, and NNTP servers. Current versions of Lynx run on Unix, VMS, Windows 95/NT/XP/7/8, DOS DJGPP and OS/2.

Lynx can be used to access information on the World Wide Web, or to build information systems intended primarily for local access. For example, Lynx has

been used to build several Campus Wide Information Systems (CWIS). In addition, Lynx can be used to build systems isolated within a single LAN.

OPTIONS

At start up, Lynx will load any local file or remote URL specified at the command line. For help with URLs, press ??? or ?H? while running Lynx. Then follow the link titled, ?Help on URLs.?

If more than one local file or remote URL is listed on the command line, Lynx will open only the last interactively. All of the names (local files and remote URLs) are added to the G)oto history.

Lynx uses only long option names. Option names can begin with double dash ?--? as well, underscores and dashes can be intermixed in option names (in the reference below, options are shown with one dash ?-? before them, and with underscores ?_?).

Lynx provides many command-line options. Some options require a value (string, number or keyword). These are noted in the reference below. The other options set boolean values in the program. There are three types of boolean options: set, unset and toggle. If no option value is given, these have the obvious meaning: set (to true), unset (to false), or toggle (between true/false). For any of these, an explicit value can be given in different forms to allow for operating system constraints, e.g.,

```
-center:off  
-center=off  
-center-
```

Lynx recognizes ?1?, ?+?, ?on? and ?true? for true values, and ?0?, ?-?, ?off? and ?false? for false values. Other option-values are ignored.

The default boolean, number and string option values that are compiled into Lynx are displayed in the help-message provided by lynx -help. Some of those may differ according to how Lynx was built; see the help message itself for these values. The -help option is processed in the third pass of options-processing, so any option which sets a value, as well as runtime configuration values are reflected in the help-message.

- If the argument is only ?-?, then Lynx expects to receive the arguments from the standard input. This is to allow for the potentially very long command line that can be associated with the -get_data or -post_data arguments (see

below). It can also be used to avoid having sensitive information in the invoking command line (which would be visible to other processes on most systems), especially when the -auth or -pauth options are used.

-accept_all_cookies

accept all cookies.

-anonymous

apply restrictions for anonymous account, see also -restrictions.

-assume_charset=MIMEname

charset for documents that do not specify it.

-assume_local_charset=MIMEname

charset assumed for local files, i.e., files which Lynx creates such as internal pages for the options menu.

-assume_unrec_charset=MIMEname

use this instead of unrecognized charsets.

-auth=ID:PASSWD

set authorization ID and password for protected documents at startup. Be sure to protect any script files which use this switch.

-base prepend a request URL comment and BASE tag to text/html outputs for -source dumps.

-bibhost=URL

specify a local bibp server (default http://bibhost/).

-blink forces high intensity background colors for color mode, if available and supported by the terminal. This applies to the slang library (for a few terminal emulators), or to OS/2 EMX with ncurses.

-book use the bookmark page as the startfile. The default or command line startfile is still set for the Main screen command, and will be used if the bookmark page is unavailable or blank.

-buried_news

toggles scanning of news articles for buried references, and converts them to news links. Not recommended because email addresses enclosed in angle brackets will be converted to false news links, and uuencoded messages can be trashed.

-cache=NUMBER

set the NUMBER of documents cached in memory. The default is 10.

-case enable case-sensitive string searching.

-center

Toggle center alignment in HTML TABLE.

-cfg=FILENAME

specifies a Lynx configuration file other than the default lynx.cfg.

-child exit on left-arrow in startfile, and disable save to disk and associated print/mail options.

-child_relaxed

exit on left-arrow in startfile, but allow save to disk and associated print/mail options.

-cmd_log=FILENAME

write keystroke commands and related information to the specified file.

-cmd_script=FILENAME

read keystroke commands from the specified file. You can use the data written using the -cmd_log option. Lynx will ignore other information which the command-logging may have written to the logfile. Each line of the command script contains either a comment beginning with ?#?, or a keyword:

exit

causes the script to stop, and forces Lynx to exit immediately.

key

the character value, in printable form. Cursor and other special keys are given as names, e.g., ?Down Arrow?. Printable 7-bit ASCII codes are given as-is, and hexadecimal values represent other 8-bit codes.

set

followed by a ?name=value? allows one to override values set in the lynx.cfg or .lynxrc files. Lynx tries the cfg-file setting first.

-collapse_br_tags

toggles collapsing of BR tags.

-color forces color mode on, if available. Default color control sequences which work for many terminal types are assumed if the terminal capability description does not specify how to handle color. Lynx needs to be compiled with the slang library for this flag, it is equivalent to setting the

COLORTERM environment variable. (If color support is instead provided by a color-capable curses library like ncurses, Lynx relies completely on the terminal description to determine whether color mode is possible, and this flag is not needed and thus unavailable.) A saved show_color=always setting found in a .lynxrc file at startup has the same effect. A saved show_color=never found in .lynxrc on startup is overridden by this flag.

-connect_timeout=N

Sets the connection timeout, where N is given in seconds.

-cookie_file=FILENAME

specifies a file to use to read cookies. If none is specified, the default value is ~/.lynx_cookies for most systems, but ~/cookies for MS-DOS.

-cookie_save_file=FILENAME

specifies a file to use to store cookies. If none is specified, the value given by -cookie_file is used.

-cookies

toggles handling of Set-Cookie headers.

-core toggles forced core dumps on fatal errors. Turn this option off to ask Lynx to force a core dump if a fatal error occurs.

-crawl with -traversal, output each page to a file. with -dump, format output as with -traversal, but to the standard output.

-curses_pads

toggles the use of curses ?pad? feature which supports left/right scrolling of the display. The feature is normally available for curses configurations, but inactive. To activate it, use the ?|? character or the LINERWAP_TOGGLE command. Toggling this option makes the feature altogether unavailable.

-debug_partial

separate incremental display stages with MessageSecs delay

-default_colors

toggles the default-colors feature which is normally set in the lynx.cfg file.

-delay add DebugSecs delay after each progress-message

-display=DISPLAY

set the display variable for X rexec-ed programs.

-display_charset=MIMEname

set the charset for the terminal output.

-dont_wrap_pre

inhibit wrapping of text when -dump'ing and -crawl'ing, mark wrapped lines of <pre> in interactive session.

-dump dumps the formatted output of the default document or those specified on the command line to standard output. Unlike interactive mode, all documents are processed. This can be used in the following way:

```
lynx -dump http://www.subir.com/lynx.html
```

Files specified on the command line are formatted as HTML if their names end with one of the standard web suffixes such as ?.htm? or ?.html?. Use the **-force_html** option to format files whose names do not follow this convention.

-editor=EDITOR

enable external editing, using the specified EDITOR. (vi, ed, emacs, etc.)

-emacskeys

enable emacs-like key movement.

-enable_scrollback

toggles compatibility with communication programs' scrollback keys (may be incompatible with some curses packages).

-error_file=FILE

define a file where Lynx will report HTTP access codes.

-exec enable local program execution (normally not configured).

-fileversions

include all versions of files in local VMS directory listings.

-find_leaks

toggle memory leak-checking. Normally this is not compiled-into your executable, but when it is, it can be disabled for a session.

-force_empty_hrefless_a

force HREF-less ?A? elements to be empty (close them as soon as they are seen).

-force_html

forces the first document to be interpreted as HTML.

This is most useful when processing files specified on the command line which have an unrecognized suffix (or the suffix is associated with a non-HTML type, such as ?.txt? for plain text files).

Lynx recognizes these file suffixes as HTML:

?.ht3?,
?.htm?,
?.html3?,
?.html?,
?.htmlx?,
?.php3?,
?.php?,
?.phtml?,
?.sht?, and
?.shtml?.

-force_secure

toggles forcing of the secure flag for SSL cookies.

-forms_options

toggles whether the Options Menu is key-based or form-based.

-from toggles transmissions of From headers.

-ftp disable ftp access.

-get_data

properly formatted data for a get form are read in from the standard input and passed to the form. Input is terminated by a line that starts with ?---?.

Lynx issues an HTTP GET, sending the form to the path or URL given on the command-line and prints the response of the server. If no path or URL is given, Lynx sends the form to the start-page.

-head send a HEAD request for the mime headers.

-help print the Lynx command syntax usage message, and exit.

-hiddenlinks=[option]

control the display of hidden links.

merge

hidden links show up as bracketed numbers and are numbered together with other links in the sequence of their occurrence in the document.

-listonly

hidden links are shown only on L)ist screens and listings generated by -dump or from the P)rint menu, but appear separately at the end of those lists. This is the default behavior.

-ignore

hidden links do not appear even in listings.

-historical

toggles use of ?>? or ?-->? as a terminator for comments.

-homepage=URL

set homepage separate from start page.

-image_links

toggles inclusion of links for all images.

-index=URL

set the default index file to the specified URL.

-ismap toggles inclusion of ISMAP links when client-side MAPs are present.

-justify

do justification of text.

-link=NUMBER

starting count for lnk#.dat files produced by -crawl.

-list_decoded

for -dump, show URL-encoded links decoded.

-list_inline

for -dump, show the links inline with the text.

-listonly

for -dump, show only the list of links.

-localhost

disable URLs that point to remote hosts.

-locexec

enable local program execution from local files only (if Lynx was compiled with local execution enabled).

-lss=FILENAME

specify filename containing color-style information. The default is lynx.iss. If you give an empty filename, Lynx uses a built-in monochrome scheme which imitates the non-color-style configuration.

-mime_header

prints the MIME header of a fetched document along with its source.

-minimal

toggles minimal versus valid comment parsing.

-nested_tables

toggles nested-tables logic (for debugging).

-newschunksize=NUMBER

number of articles in chunked news listings.

-newsmaxchunk=NUMBER

maximum news articles in listings before chunking.

-nobold

disable bold video-attribute.

-nobrowse

disable directory browsing.

-nocc disable Cc: prompts for self copies of mailings. Note that this does not disable any CCs which are incorporated within a mailto URL or form ACTION.

-nocolor

force color mode off, overriding terminal capabilities and any -color flags, COLORTERM variable, and saved .lynxrc settings.

-noexec

disable local program execution. (DEFAULT)

-nofilereferrer

disable transmissions of Referer headers for file URLs.

-nolist

disable the link list feature in dumps.

-nolog disable mailing of error messages to document owners.

-nomargins

disable left/right margins in the default style sheet.

-nomore

disable -more- string in statusline messages.

-nonrestarting_sigwinch

This flag is not available on all systems, Lynx needs to be compiled with HAVE_SIGACTION defined. If available, this flag may cause Lynx to react more immediately to window changes when run within an xterm.

-nonumbers

disable link- and field-numbering. This overrides -number_fields and -number_links.

-nopause

disable forced pauses for statusline messages.

-noprint

disable most print functions.

-noredir

prevents automatic redirection and prints a message with a link to the new URL.

-noreferer

disable transmissions of Referer headers.

-noreverse

disable reverse video-attribute.

-nosocks

disable SOCKS proxy usage by a SOCKSified Lynx.

-nostatus

disable the retrieval status messages.

-notitle

disable title and blank line from top of page.

-nounderline

disable underline video-attribute.

-number_fields

force numbering of links as well as form input fields

-number_links

force numbering of links.

-partial

toggles display partial pages while loading.

-partial_thres=NUMBER

number of lines to render before repainting display with partial-display

logic

-passive_ftp

toggles passive ftp connections.

-pauth=ID:PASSWD

set authorization ID and password for a protected proxy server at startup.

Be sure to protect any script files which use this switch.

-popup toggles handling of single-choice SELECT options via popup windows or as lists of radio buttons.

-post_data

properly formatted data for a post form are read in from the standard input and passed to the form. Input is terminated by a line that starts with ?---?.

Lynx issues an HTTP POST, sending the form to the path or URL given on the command-line and prints the response of the server. If no path or URL is given, Lynx sends the form to the start-page.

-preparsed

show HTML source prepared and reformatted when used with -source or in source view.

-prettysrc

show HTML source view with lexical elements and tags in color.

-print enable print functions. (default)

-pseudo_inlines

toggles pseudo-ALTs for inline images with no ALT string.

-raw toggles default setting of 8-bit character translations or CJK mode for the startup character set.

-realm restricts access to URLs in the starting realm.

-read_timeout=N

Sets the read-timeout, where N is given in seconds.

-reload

flushes the cache on a proxy server (only the first document given on the command-line is affected).

-restrictions=[option][,option][,option]...

allows a list of services to be disabled selectively. Dashes and underscores in option names can be intermixed. The following list is printed if no options are specified.

all

restricts all options listed below.

bookmark

disallow changing the location of the bookmark file.

bookmark_exec

disallow execution links via the bookmark file.

change_exec_perms

disallow changing the eXecute permission on files (but still allow it for directories) when local file management is enabled.

default

same as command line option -anonymous. Disables default services for anonymous users. Set to all restricted, except for: inside_telnet, outside_telnet, inside_ftp, outside_ftp, inside_rlogin, outside_rlogin, inside_news, outside_news, telnet_port, jump, mail, print, exec, and goto. The settings for these, as well as additional goto restrictions for specific URL schemes that are also applied, are derived from definitions within userdefs.h.

dired_support

disallow local file management.

disk_save

disallow saving to disk in the download and print menus.

dotfiles

disallow access to, or creation of, hidden (dot) files.

download

disallow some downloaders in the download menu (does not imply disk_save restriction).

editor

disallow external editing.

exec

disable execution scripts.

exec_frozen

disallow the user from changing the local execution option.

externals

disallow some ?EXTERNAL? configuration lines if support for passing URLs to external applications (with the EXTERN command) is compiled in.

file_url

disallow using G)oto, served links or bookmarks for file: URLs.

goto

disable the ?g? (goto) command.

inside_ftp

disallow ftps for people coming from inside your domain (utmp required for selectivity).

inside_news

disallow USENET news posting for people coming from inside your domain (utmp required for selectivity).

inside_rlogin

disallow rlogins for people coming from inside your domain (utmp required for selectivity).

inside_telnet

disallow telnets for people coming from inside your domain (utmp required for selectivity).

jump

disable the ?j? (jump) command.

multibook

disallow multiple bookmarks.

mail

disallow mail.

news_post

disallow USENET News posting.

options_save

disallow saving options in .lynxrc.

outside_ftp

disallow ftps for people coming from outside your domain (utmp required

for selectivity).

outside_news

disallow USENET news reading and posting for people coming from outside your domain (utmp required for selectivity). This restriction applies to ?news?, ?nntp?, ?newspost?, and ?newsreply? URLs, but not to ?snews?, ?snewspost?, or ?snewsreply? in case they are supported.

outside_rlogin

disallow rlogins for people coming from outside your domain (utmp required for selectivity).

outside_telnet

disallow telnets for people coming from outside your domain (utmp required for selectivity).

print

disallow most print options.

shell

disallow shell escapes and lynxexec or lynxprog G)oto's.

suspend

disallow Unix Control-Z suspends with escape to shell.

telnet_port

disallow specifying a port in telnet G)oto's.

useragent

disallow modifications of the User-Agent header.

-resubmit_posts

toggles forced resubmissions (no-cache) of forms with method POST when the documents they returned are sought with the PREV_DOC command or from the History List.

-rlogin

disable recognition of rlogin commands.

-scrollbar

toggles showing scrollbar.

-scrollbar_arrow

toggles showing arrows at ends of the scrollbar.

-selective

require .www_browsable files to browse directories.

-session=FILENAME

resumes from specified file on startup and saves session to that file on exit.

-sessionin=FILENAME

resumes session from specified file.

-sessionout=FILENAME

saves session to specified file.

-short_url

show very long URLs in the status line with ?...? to represent the portion which cannot be displayed. The beginning and end of the URL are displayed, rather than suppressing the end.

-show_cfg

Print the configuration settings, e.g., as read from ?lynx.cfg?, and exit.

-show_cursor

If enabled the cursor will not be hidden in the right hand corner but will instead be positioned at the start of the currently selected link. Show cursor is the default for systems without FANCY_CURSES capabilities. The default configuration can be changed in userdefs.h or lynx.cfg. The command line switch toggles the default.

-show_rate

If enabled the transfer rate is shown in bytes/second. If disabled, no transfer rate is shown. Use lynx.cfg or the options menu to select KB/second and/or ETA.

-socks5-proxy=URL

(Via which) SOCKS5 proxy to connect. This controls the builtin SOCKS5 support, and is therefore unrelated to the option -nosocks.

-soft_dquotes

toggles emulation of the old Netscape and Mosaic bug which treated ?>? as a co-terminator for double-quotes and tags.

-source

works the same as dump but outputs HTML source instead of formatted text.

For example

```
lynx -source . >foo.html
```

generates HTML source listing the files in the current directory. Each file is marked by an HREF relative to the parent directory. Add a trailing slash to make the HREF's relative to the current directory:

```
lynx -source ./ >foo.html
```

-stack_dump

disable SIGINT cleanup handler

-startfile_ok

allow non-http startfile and homepage with -validate.

-stderr

When dumping a document using -dump or -source, Lynx normally does not display alert (error) messages that you see on the screen in the status line. Use the -stderr option to tell Lynx to write these messages to the standard error.

-stdin read the startfile from standard input (UNIX only).

-syslog=text

information for syslog call.

-syslog_urls

log requested URLs with syslog.

-tagsoup

initialize parser, using Tag Soup DTD rather than SortaSGML.

-telnet

disable recognition of telnet commands.

-term=TERM

tell Lynx what terminal type to assume it is talking to. (This may be useful for remote execution, when, for example, Lynx connects to a remote TCP/IP port that starts a script that, in turn, starts another Lynx process.)

-timeout=N

For win32, sets the network read-timeout, where N is given in seconds.

-tlog toggles between using a Lynx Trace Log and stderr for trace output from the session.

-tna turns on ?Textfields Need Activation? mode.

-trace turns on Lynx trace mode. Destination of trace output depends on -tlog.

-trace_mask=value

turn on optional traces, which may result in very large trace files.

Logically OR the values to combine options:

1 SGML character parsing states

2 color-style

4 TRST (table layout)

8 configuration (lynx.cfg, .lynxrc, .lynx-keymaps, mime.types and mailcap
contents)

16 binary string copy/append, used in form data construction.

32 cookies

64 character sets

128

GridText parsing

256

timing

512

detailed URL parsing

-traversal

traverse all http links derived from startfile. When used with -crawl, each
link that begins with the same string as startfile is output to a file,
intended for indexing.

See CRAWL.announce for more information.

-trim_blank_lines

toggles trimming of trailing blank lines as well as the related trimming of
blank lines while collapsing BR tags.

-trim_input_fields

trim input text/textarea fields in forms.

-underline_links

toggles use of underline/bold attribute for links.

-underscore

toggles use of _underline_ format in dumps.

-unique_urls

check for duplicate link numbers in each page and corresponding lists, and reuse the original link number.

-update_term_title

enables updating the title in terminal emulators. Use only if your terminal emulator supports that escape code. Has no effect when used with **-notitle**.

-use_mouse

turn on mouse support, if available. Clicking the left mouse button on a link traverses it. Clicking the right mouse button pops back. Click on the top line to scroll up. Click on the bottom line to scroll down. The first few positions in the top and bottom line may invoke additional functions. Lynx must be compiled with ncurses or slang to support this feature. If ncurses is used, clicking the middle mouse button pops up a simple menu. Mouse clicks may only work reliably while Lynx is idle waiting for input.

-useragent=Name

set alternate Lynx User-Agent header.

-validate

accept only http URLs (for validation). Complete security restrictions also are implemented.

-verbose

toggle [LINK], [IMAGE] and [INLINE] comments with filenames of these images.

-version

print version information, and exit.

-vikeys

enable vi-like key movement.

-wdebug

enable Waterloo tcp/ip packet debug (print to watt debugfile). This applies only to DOS versions compiled with WATTCP or WATT-32.

-width=NUMBER

number of columns for formatting of dumps, default is 80. This is limited by the number of columns that Lynx could display, typically 1024 (the MAX_LINE symbol).

-with_backspaces

emit backspaces in output if -dump'ing or -crawl'ing (like man does)

-xhtml_parsing

tells Lynx that it can ignore certain tags which have no content in an XHTML 1.0 document. For example ?<p/>? will be discarded.

COMMANDS

More than one key can be mapped to a given command. Here are some of the most useful:

- ? Use Up arrow and Down arrow to scroll through hypertext links.
- ? Right arrow or Return will follow a highlighted hypertext link.
- ? Left Arrow or ?u? will retreat from a link.
- ? Type ?H?, ???, or F1 for online help and descriptions of key-stroke commands.
- ? Type ?k? or ?K? for a list of the current key-stroke command mappings.

If the same command is mapped to the same letter differing only by upper/lowercase only the lowercase mapping is shown.

- ? Type Delete to view history list.

ENVIRONMENT

In addition to various ?standard? environment variables such as HOME, PATH, USER, DISPLAY, TMPDIR, etc, Lynx utilizes several Lynx-specific environment variables, if they exist.

Others may be created or modified by Lynx to pass data to an external program, or for other reasons. These are listed separately below.

See also the sections on SIMULATED CGI SUPPORT and NATIVE LANGUAGE SUPPORT, below.

Note: Not all environment variables apply to all types of platforms supported by Lynx, though most do. Feedback on platform dependencies is solicited.

Environment Variables Used By Lynx:

COLORTERM If set, color capability for the terminal is forced on at startup time. The actual value assigned to the variable is ignored. This variable is only meaningful if Lynx was built using the slang screen-handling library.

LYNX_CFG This variable, if set, will override the default location and name of the global configuration file (normally, lynx.cfg) that was defined by the LYNX_CFG_FILE constant in the userdefs.h file, during installation.

See the userdefs.h file for more information.

LYNX_CFG_PATH If set, this variable overrides the compiled-in search-list of directories used to find the configuration files, e.g., lynx.cfg and lynx.iss. The list is delimited with ":" (or ";" for Windows) like the PATH environment variable.

LYNX_HELPFILE If set, this variable overrides the compiled-in URL and configuration file URL for the Lynx help file.

LYNX_LOCALEDIR If set, this variable overrides the compiled-in location of the locale directory which contains native language (NLS) message text.

LYNX_LSS This variable, if set, specifies the location of the default Lynx character style sheet file. [Currently only meaningful if Lynx was built using curses color style support.]

LYNX_SAVE_SPACE This variable, if set, will override the default path prefix for files saved to disk that is defined in the lynx.cfg SAVE_SPACE: statement.

See the lynx.cfg file for more information.

LYNX_TEMP_SPACE This variable, if set, will override the default path prefix for temporary files that was defined during installation, as well as any value that may be assigned to the TMPDIR variable.

MAIL This variable specifies the default inbox Lynx will check for new mail, if such checking is enabled in the lynx.cfg file.

NEWS_ORGANIZATION This variable, if set, provides the string used in the Organization: header of USENET news postings. It will override the setting of the ORGANIZATION environment variable, if it is also set (and, on UNIX, the contents of an /etc/organization file, if present).

NNTPSERVER If set, this variable specifies the default NNTP server that will be used for USENET news reading and posting with Lynx, via news: URL's.

ORGANIZATION This variable, if set, provides the string used in the Organization: header of USENET news postings. On UNIX, it will override the contents of an /etc/organization file, if present.

PROTOCOL_proxy Lynx supports the use of proxy servers that can act as firewall

gateways and caching servers. They are preferable to the older gateway servers (see `WWW_access_GATEWAY`, below).

Each protocol used by Lynx, (http, ftp, gopher, etc), can be mapped separately by setting environment variables of the form `PROTOCOL_proxy`. Protocols are indicated in a URI by the name before `?:?`, e.g., `?http?` in `?http://some.server.dom:port/?` for HTML.

Depending on your system configuration and supported protocols, the environment variables recognized by lynx may include

```
cso_proxy  
finger_proxy  
ftp_proxy  
gopher_proxy  
https_proxy  
http_proxy  
newspost_proxy  
newsreply_proxy  
news_proxy  
nntp_proxy  
no_proxy  
snewspost_proxy  
snewsreply_proxy  
snews_proxy  
wais_proxy
```

See Lynx Users Guide for additional details and examples.

`SSL_CERT_DIR` Set to the directory containing trusted certificates.
`SSL_CERT_FILE` Set to the full path and filename for your file of trusted certificates.

`WWW_access_GATEWAY` Lynx still supports use of gateway servers, with the servers specified via `?WWW_access_GATEWAY?` variables (where `?access?` is lower case and can be `?http?`, `?ftp?`, `?gopher?` or `?wais?`).

However most gateway servers have been discontinued. Note that you do not include a terminal `?/?` for gateways, but do for

proxies specified by PROTOCOL_proxy environment variables.

See Lynx Users Guide for details.

WWW_HOME This variable, if set, will override the default startup URL specified in any of the Lynx configuration files.

Environment Variables Set or Modified By Lynx:

LYNX_PRINT_DATE This variable is set by the Lynx p(rint) function, to the Date: string seen in the document's ?Information about? page (= cmd), if any. It is created for use by an external program, as defined in a lynx.cfg PRINTER: definition statement. If the field does not exist for the document, the variable is set to a null string under UNIX, or ?No Date? under VMS.

LYNX_PRINT_LASTMOD This variable is set by the Lynx p(rint) function, to the Last Mod: string seen in the document's ?Information about? page (= cmd), if any. It is created for use by an external program, as defined in a lynx.cfg PRINTER: definition statement. If the field does not exist for the document, the variable is set to a null string under UNIX, or ?No LastMod? under VMS.

LYNX_PRINT_TITLE This variable is set by the Lynx p(rint) function, to the Linkname: string seen in the document's ?Information about? page (= cmd), if any. It is created for use by an external program, as defined in a lynx.cfg PRINTER: definition statement. If the field does not exist for the document, the variable is set to a null string under UNIX, or ?No Title? under VMS.

LYNX_PRINT_URL This variable is set by the Lynx p(rint) function, to the URL: string seen in the document's ?Information about? page (= cmd), if any. It is created for use by an external program, as defined in a lynx.cfg PRINTER: definition statement. If the field does not exist for the document, the variable is set to a null string under UNIX, or ?No URL? under VMS.

LYNX_TRACE If set, causes Lynx to write a trace file as if the -trace option were supplied.

LYNX_TRACE_FILE If set, overrides the compiled-in name of the trace file, which

is either Lynx.trace or LY-TRACE.LOG (the latter on the DOS/Windows platforms). The trace file is in either case relative to the home directory.

LYNX_VERSION This variable is always set by Lynx, and may be used by an external program to determine if it was invoked by Lynx.

See also the comments in the distribution's sample mailcap file, for notes on usage in such a file.

TERM Normally, this variable is used by Lynx to determine the terminal type being used to invoke Lynx. If, however, it is unset at startup time (or has the value ?unknown?), or if the -term command-line option is used (see OPTIONS section above), Lynx will set or modify its value to the user specified terminal type (for the Lynx execution environment). Note: If set/modified by Lynx, the values of the LINES and/or COLUMNS environment variables may also be changed.

SIMULATED CGI SUPPORT

If built with the cgi-links option enabled, Lynx allows access to a cgi script directly without the need for an http daemon.

When executing such ?lynxcgi scripts? (if enabled), the following variables may be set for simulating a CGI environment:

CONTENT_LENGTH

CONTENT_TYPE

DOCUMENT_ROOT

HTTP_ACCEPT_CHARSET

HTTP_ACCEPT_LANGUAGE

HTTP_USER_AGENT

PATH_INFO

PATH_TRANSLATED

QUERY_STRING

REMOTE_ADDR

REMOTE_HOST

REQUEST_METHOD

SERVER_SOFTWARE

Other environment variables are not inherited by the script, unless they are provided via a LYNXCGI_ENVIRONMENT statement in the configuration file. See the lynx.cfg file, and the (draft) CGI 1.1 Specification <<http://Web.Golux.Com/coar/cgi/draft-coar-cgi-v11-00.txt>> for the definition and usage of these variables.

The CGI Specification, and other associated documentation, should be consulted for general information on CGI script programming.

NATIVE LANGUAGE SUPPORT

If configured and installed with Native Language Support, Lynx will display status and other messages in your local language. See the file ABOUT_NLS in the source distribution, or at your local GNU site, for more information about internationalization.

The following environment variables may be used to alter default settings:

LANG This variable, if set, will override the default message language. It is an ISO 639 two-letter code identifying the language. Language codes are NOT the same as the country codes given in ISO 3166.

LANGUAGE This variable, if set, will override the default message language. This is a GNU extension that has higher priority for setting the message catalog than LANG or LC_ALL.

LC_ALL and

LC_MESSAGES These variables, if set, specify the notion of native language formatting style. They are POSIXly correct.

LINGUAS This variable, if set prior to configuration, limits the installed languages to specific values. It is a space-separated list of two-letter codes. Currently, it is hard-coded to a wish list.

NLSPATH This variable, if set, is used as the path prefix for message catalogs.

NOTES

This is the manual for Lynx v2.9.0dev.5; development is in progress for 2.9.0.

If you wish to contribute to the further development of Lynx, subscribe to our mailing list. Send email to <lynx-dev-request@nongnu.org> with ?subscribe lynx-

dev? as the only line in the body of your message.

Send bug reports, comments, suggestions to <lynx-dev@nongnu.org> after subscribing.

Unsubscribe by sending email to <lynx-dev-request@nongnu.org> with ?unsubscribe lynx-dev? as the only line in the body of your message. Do not send the unsubscribe message to the lynx-dev list, itself.

SEE ALSO

catgets(3), curses(3), environ(7), execve(2), ftp(1), gettext(GNU), localeconv(3), ncurses(3), setlocale(3), slang(?), termcap(5), terminfo(5), wget(GNU)

Note that man page availability and section numbering is somewhat platform dependent, and may vary from the above references.

A section shown as (GNU), is intended to denote that the topic may be available via an info page, instead of a man page (i.e., try ?info subject?, rather than ?man subject?).

A section shown as (?) denotes that documentation on the topic exists, but is not part of an established documentation retrieval system (see the distribution files associated with the topic, or contact your System Administrator for further information).

ACKNOWLEDGMENTS

Lynx has incorporated code from a variety of sources along the way. The earliest versions of Lynx included code from Earl Fogel of Computing Services at the University of Saskatchewan, who implemented HYPERREZ in the Unix environment. HYPERREZ was developed by Niel Larson of Think.com and served as the model for the early versions of Lynx. Those versions also incorporated libraries from the Unix Gopher clients developed at the University of Minnesota, and the later versions of Lynx rely on the WWW client library code developed by Tim Berners-Lee and the WWW community. Also a special thanks to Foteos Macrides who ported much of Lynx to VMS and did or organized most of its development since the departures of Lou Montulli and Garrett Blythe from the University of Kansas in the summer of 1994 through the release of v2.7.2, and to everyone on the net who has contributed to Lynx's development either directly (through patches, comments or bug reports) or indirectly (through inspiration and development of other systems).

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LYNX(1)