NAME

xwafenews – an x-based NNTP news reader

SYNOPSIS

xwafenews [**-c** *colormode*] [**-3**] [**-C**] [**-f** *name of newsrc file*] [**-h**] [**-N** *NNTP server*] [**-p** *print command*] [**-s** *name of signature file*]

DESCRIPTION

xwafenews is an x-based news reader which accesses a remote news server via NNTP (net news transfer protocol). xwafenews is a *wafe* application (see manual page wafeapp) written in Perl. In short, xwafenews allows a user to subscribe to newsgroups, to read news, to reply to the author, to forward articles to other people via mail, to post followup articles or to start new discussion threads, to save and to print articles.

OPTIONS

In addition to the standard toolkit options such as -display, -name, -geometry, -iconic, -xrm etc. (see manual page X) xwafenews accepts the following options:

-c *colormode*	start xwafenews using the given color-mode (for details see manual page wafeapp); color modes are for example *mono*, *blueish* or *wheat-ish*.
-3	do not use 3 dimensional widgets. This option depends of the configuration in the system.waferc file (see manual page wafeapp).
-C	prefer files for the communication between front end and application program. This option can reduce the memory consumption, but increases disk-IO and might lead to locking problems.
-f *name of newsrc file*	use an alternate newsrc file. Per default *.newsrc* in the login directory of the current user is used.
-h	show a short usage message.
-N *NNTP server*]	use an non-default NNTP server. Ask you network administrator for advice. If **-N** is specified and the **-f** option was not used, the name of the specified NNTP server is appended to the standard newsrc file name.
-p *print command*	specify a non-default print command (for example: 'mp -a | lpr -Pmyps') the quotes are NOT optional.
-s *name of signature file*	use a non-default signature file. In the configuration of the distribution the name of the signature file is $HOME/.elm/signature. The signature file is appended to postings, forwarded articles or replies. A stupid example: *-s $HOME/.login*.

LAYOUT and INTERACTION

When xwafenews is started the user will see an X front end with three main sections: these sections are (from top to bottom): the *group* section, the *subject* section and the *article* section. The top most line of the application is an information line, where the user is informed about the actions the program takes.

The *group* section has a header part and a larger window containing names of newsgroups and information about its contents. In the header part of the group section the *Groups* and the *Sort* menu are located, which can be activated by pressing the left mouse button on the bold label. If all available newsgroups are chosen from the Groups menu the operation will slow down. The *Grep* field can be used to restrict the group listing to matching lines. The *Config* button may be used to change certain settings (such as print command) for a single session.

Newsgroups may be *selected* with the middle mouse button. Once newsgroup are selected, the buttons *subscribe-first*, *subscribe-last* and *unsubscribe* will become sensitive. By pressing the left mouse button in a line of the groups listing, the newsgroup is opened and article-numbers, authors, length of article (when specified in the Lines: field) and the subject line are displayed in the second section of the application. The button *save-newsrc* can be used to save the current state of the newsrc.

Articles, which are not in the newsrc file (see also option -f) will be marked with "(new)" in the group listing. If a new newsgroup is opened, it will be automatically subscribed. If the program is terminated without opening a new newsgroup it will be treated as unsubscribed. When the newsrc file does not exist, a new newsrc file is created, the user is subscribed automatically to the newsgroups "news.announce.newusers", "news.announce.important" and "news.newusers.questions".

The *subject* section contains information about the current selected newsgroup. This section also has a header part and a list part. The header part contains the *Articles* and the *Sort* menu. In the Articles menu the user can choose whether he/she wants to see unread articles, recent articles (i.e. 100 newest articles, if available) or all articles. In the sort menu it is possible to choose between chronological order or alphabetic order of the subject lines. The latter mode is useful for example for saving multi part (binary) postings. The *Grep* field can be used to restrict the subject listing to matching lines. Note that differently to the *Grep* field in the group section an *incremental grep* is used here.

Under the *Grep* field the buttons *catchup*, *save*, *mark* and *thread* are located. The *catchup* button can be used to mark all articles in the current newsgroup as read. In the subject linsting the middle mouse button (Btn2) can be used to *select* one or several subject lines. As soon as subject lines are selected the buttons *save* and *mark* become sensitive.

If articles are selected and the save button is pressed (or the character "s" is typed in the window containing the subject listing), a *save window* pops up. If *cancel* is pressed with the left mouse button, nothing is saved and the dialog window pops down. If nothing is typed in the dialog window and the return key is pressed, the selected articles will be saved in the $HOME/News directory and appended to a file with the name of the current news group. If a name is specified, which does not start with "˜", "/" or "|", the selected articles will be saved in the $HOME/News/ directory under the given name. If the name starts with "˜" or "/", the name will be interpreted as a full path name. If the name starts with "|" the name will be interpreted as a pipe. Note that the folders generated by saving articles may be read using the program *xwafemail*.

The *mark* button can be used to mark read articles as unread (or vice versa). The articles to be marked can be selected using the middle mouse button.Alternatively to the mark button the key 'm' can be used in the subject box.

If the left mouse button is pressed in a line of the subject listing, the article is retrieved from the NNTP server and displayed in the article window. The cursor keys up and down may be used to read the next or previous article by scrolling the listing one line up or down and reading the article under the mouse cursor.

If an article is displayed the *thread* button may be used to display only the articles to which the current article refers (marked by "<" and the articles which are referring to the current articles (marked by ">"). If the right mous button (Btn3) is pressed in the subject listing, the thread mode is terminated and the full subject listing is displayed again.

The *article* section displays the current article. The bottom line of the application contains several buttons. The *quit* button terminates xwafenews AND updates the newsrc file (see also -f option). *abort* is used to terminate without saving or to abort writing of an article or mail. *post* is used to post an article to the current news group, *followup* is used to post an article as a response to the current article adressed to the current newsgroup. The *reply* button allows to send mail to the author of the current article, *forward* is used to forward the current article via mail to another user. *post*, *followup*, *reply* and *forward* may be terminated by the *send* button or aborted by *abort*. The *header* button shows/hides the full header of an article, *print* (*save*) can be used to print (or save) the current article.

For alias resolving see the manual page of *xwafemail*.

NNTP HOST

Resolving rules for determining the NNTP-server: (a) command line option -N, (b) $defaultNntpHost from system.waferc, (c) environment variable NNTPSERVER, (d) contents of the file "*/usr/local/lib/news/nntpserver*".

KEY BINDINGS

Key bindings in group listing:

<Btn1>	read newsgroup
<Btn2>	select newsgroups
<Key>f	subscribe to selected newsgroups on top of the listing
<Key>l	subscribe to selected newsgroups on bottom of the listing
<Key>u	unsubscribe from selected newsgroups

Key bindings in subject listing:

<Btn1>	read article
<Btn2>	select articles
<Btn3>	refresh subject listing (terminates thread)
<Key>Up	read previous article
<Key>Down	read next article
<Key>Prior	previous page
<Key>Next	next page
<Key>c	mark all articles in current newsgroup as read and leave newsgroup
<Key>m	mark selected articles
<Key>s	save selected articles
<Key>t	display thread of current article
<Key>u	unsubscribe from current newsgroup

Key bindings in article text:

Ctrl<Key>f	use a fixed spaced font
Ctrl<Key>q	reflow text
Ctrl<Key>v	use a variable spaced font
Ctrl<Key>w	set read-only buffer writable (useful in combination with Ctrl<Key>q to reflow text that does not fit in the current line with)

Key bindings on buttons in the bottom button row:

<Btn3>	clicking <Btn3> on <reply> or <forward> send urgent mail

ENVIRONMENT VARIABLES

WAFELIB	location of the wafe library (typically /usr/lib/X11/wafe)
NNTPSERVER	name of the NNTP server (see section NNTP host above)
HOME	login directory of the current user
HOST	fully qualified host name (including domain)
USER	login name of the current user
TMPDIR	directory for temporary files. If not specified, /tmp is used

PERL VARIABLES

Wafe (Perl-) Variables from $WAFELIB/system.waferc or $HOME/.waferc:

$boldFont	typically used for bold labels
$normalFont	typically used for labels or proportional text
$buttonFont	typically used as font for buttons
$textFont	fixed spaced text font
$buttonAtts	attributes used for buttons
$backGround	back ground color
$highLight	attributes for emphasized text portions (typically colors)
$roColors	attributes for non emphasized text (typically colors)
$infoColors	attributes of the info line (typically colors)
$menueAtts	attributes of pull down menues (typically colors)
%textResources	default resources for text widgets
@textActions	default actions for text widgets
$mailIncludePrefix	prefix for included text-portions for reply or followups

$signatureFile	full path leading to the signature file
$printCommand	command used to print articles
$elmAliases	full path leading to an alias file used to resolve addresses in outgoing mails.
$defaultNntpHost	name of the default NNTP host (see section NNTP host above)
$defaultNntpOrganization	name used for the organization for outgoing postings
$defaultNntpDistribution	default distribution for outgoing postings
$defaultMailHost	default mail host, if no alias exists and no host address is given
$defaultMailEncoding	default encoding for sending mail default is Mime, possible values are (TeX, Swe, Mime, None)

FILES

```
$HOME/News
$HOME/Mail
$HOME/.elm/signature
$HOME/.elm/aliases.text
/usr/local/lib/news/nntpserver
$WAFELIB/system.waferc
$HOME/.waferc
```

SEE ALSO

wafe(n), wafeapp(n), X(1), xwafemail(n), xwafenews(n), xwafeftp(n), xwafeora(n), xwafetel(n), xdirtree(n), xdirtree(n), xprojektor(n), xbm(n), xwafemc(n), xruptimes(n), xnetstats(n), xiostats(n), xvmstats(n), xwafeping(n), xwafecf(n)

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