



Uzbl - web interface tools which adhere to the unix philosophy

Dieter Plaetinck

23-07-2010

The unix philosophy.

Examples

- ▶ mpd
- ▶ dmenu
- ▶ awesome/xmonad/dwm/wmii/...
- ▶ dzen
- ▶ bitlbee
- ▶ bashrun

Stats

- ▶ start april 2k9
- ▶ 60 contributors
- ▶ 11k LOC
- ▶ 13 releases
- ▶ 100+ scripts
- ▶ less active latest few months, many pending patches

Uzbl?

- ▶ uzbl-core
- ▶ uzbl-browser
- ▶ uzbl-tabbed
- ▶ ...



[Geavanceerd zoeken](#)
[Taalhulpmiddelen](#)

Google zoeken

Ik doe een gok

Doorzoek: het internet pagina's in het Nederlands pagina's uit België

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interwebs

- http
- local file

userspace

- commands
- socket io
- shellscripts
- js

Commands

- fifo
- unix socket
- file
- stdin

Events

- stdout
- unix socket

Xorg

- client
- Xembed

Uzbl-core command examples

- ▶ `uri uri`
- ▶ `reload`
- ▶ `zoom_in`
- ▶ `spawn command`
- ▶ `event name args`

Uzbl-core event examples

- ▶ DOWNLOAD_REQUEST *uri*
- ▶ LOAD_PROGRESS *percentage*
- ▶ FORM_ACTIVE
- ▶ GEOMETRY_CHANGED *WxH+Xpos+Ypos*
- ▶ KEY_PRESS *key/button*

```
[Cmd] [ ] [=====>]100% http://www.google.be/ 23068675 done
```

Uzbl-browser features

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- ▶ link hinting

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- ▶ page search & zooming
- ▶ link hinting
- ▶ and more..

History

Writing the entries:

```
set on_event          = event ON_EVENT
@on_event LOAD_FINISH spawn @scripts_dir/history.sh
```

```
file=$XDG_DATA_HOME/uzbl/history
echo 'date +%Y-%m-%d %H:%M:%S' "$@" $6 $7" >> $file
```

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set on_event          = event ON_EVENT
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```

```
file=$XDG_DATA_HOME/uzbl/history
echo 'date +%Y-%m-%d %H:%M:%S' "$6 $7" >> $file
```

Picking an entry:

```
@cbind U = spawn @scripts_dir/load_url_from_history.sh
```

```
file=$XDG_DATA_HOME/uzbl/history
goto='tac $file | dmenu | cut -d ' ' -f 3'
echo "uri $goto" > $4
```

Uzbl-browser history

```
>>: git rob
2009-05-22 14:45:10 http://github.com/robm/uzbl/commit/d91b739ef7d5635468c646d5d4f41b30d...
2009-05-20 00:48:32 http://github.com/robm/uzbl/commits/master Commit History for robm's...
2009-05-20 00:48:21 http://github.com/robm/uzbl/commit/b11a46f8faf114479ab39034f5f33b080...
2009-05-20 00:46:00 http://github.com/robm/uzbl/commits/master Commit History for robm's...
2009-05-20 00:36:41 http://github.com/robm/uzbl/commit/ef431d779db7142d00e4acabb3445ca7d...
2009-05-20 00:36:22 http://github.com/robm/uzbl/commits/master Commit History for robm's...
2009-05-19 17:26:25 http://github.com/robm/uzbl/commits/master Commit History for robm's...
2009-05-19 17:26:16 http://github.com/robm/uzbl/commits/master heise online
2009-05-19 17:13:03 http://github.com/robm/uzbl/commit/ef431d779db7142d00e4acabb3445ca7d...
2009-05-19 17:12:58 http://github.com/robm/uzbl/commits/master Commit History for robm's...
v
```

the meaning of...

2009/04/17

New [dwm](#) release: [dwm-5.5](#)

New [dmenu](#) release: [dmenu-4.0](#)

Uzbl-browser link hinting

```
@cbind fl* = script @scripts_dir/follow.js '@follow_keys %s'
```

Web [00 Images](#) [01 Videos](#) [02 Maps](#) [03 News](#) [04 Shopping](#) [05 Email](#) [06 More >](#) [07 Google](#) [08 Search settings](#) [09 Sign in](#)



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11 [Language Tools](#)

18 19

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Uzbl-tabbed



Uzbl - a browser that adheres to the unix philosophy. - Uzbl Browser

[0 Uzbl - a browser that adheres to the unix philosophy] [1 uzbl - Search results - Wikipedia, the free encyclopedia] [2 gentoo - Google Search]



The uzbl browser.

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The uzbl browser

Uzbl follows the UNIX philosophy - "Write programs that do one thing and do it well. Write programs to work together. Write programs to handle text streams, because that is a universal interface."

- very minimal graphical interface. You only see what you need
- what is not browsing, is not in uzbl. Things like ud, changing, loading/saving of bookmarks

Recent Commits

bring contributing info back up ... *experimental*

faq entry about XDG *experimental*


todo updates *experimental*

add ddx (dequis) to AUTHORS *experimental*

Merge commit

[C] [] ----- http://www.uzbl.org/ 46137347_01 done

Uzbl-tabbed



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- very minimal graphical interface. You only see what you need
- what is not browsing, is not in uzbl. Things like url changing, loading/saving of bookmarks, saving history, downloads, ... are handled through external scripts that you write
- controllable through various means such as fifo and socket files, stdin, keyboard and more
- advanced, customizable keyboard interface with support for modes, modkeys, multichars, variables (keywords) etc. (eg you can tweak the interface to be vim-like, emacs-like or any-other-program-like)
- focus on plaintext storage for your data and configs in simple, parseable formats
- Uzbl keeps it simple, and puts you in charge.

Uzbl is under heavy development. No release has been made so far. See the Get uzbl page

Latest News

2 Months of hacking (working). A status update.

2009-06-21

Recent Commits

do not look for xdg config if we...

Merge commit *experimental*
'dequis/stdin' into... *experimental*
add bct to authors file

Merge commit *experimental*
'bct/clean' into es... *experimental*
typos *experimental*

Merge branch 'experimental' of 9... *experimental*
point users to existing uzbl_tab... *experimental*

Aaron Griffin [PATCH 2/4]
Replac... *master*

Aaron Griffin [PATCH 2/4]
Remov... *master*

tiny patch *master*

tiny patch *master*

add kmeaw to authors *master*

0 Uzbl - a

1 ruskie |

2 Scroogle

3 Welcome

4 The Regi

<http://www.uzbl.org/>

20971523_01 done

<http://www.uzbl.org/faq.php>

[C] []

Example: Dynamic zooming

1.234567 Htted Spiral Uzb! - a browser that adheres to the unix philosophy - Uzb! browser <39845891> -> Cpu: 0.0% Mem: 41.5% Swap: 1.7% Bath: 42.5% Thm: 44C Thm: 44C Freq: 1.5GHz Q2:21 UTC 14:21 HST Sun, Oct 29 21:25 CDT

The uzbl browser.

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- focus on plaintext storage for your data and configs in simple, parsable formats
- uzbl keeps it simple, and puts **you** in charge.

Uzbl is under heavy development and should be considered alpha. See the [Get uzbl page](#)

Latest News

Segfaults with WebkitGtk 1.1.15.3

2009-10-24

Are you getting segfaults since you upgraded your libwebkit? Try downgrading it to 1.1.15.2 or earlier. The WebkitGtk guys told me they would do a bugfix release, but impatient Arch users can check:

```
- /var/cache/pacman/pkg/libwebkit-1.1.1*  
- the (unofficial) Arch Rollback Machine
```

Btw: we're also preparing a new Uzbl release, based on the huge improvements Rob and Mason have been doing (much better command interface/key handling/events/refactoring...) If you want to get a sneak preview, try out the [experimental tree](#).

Dietier

2009.09.12: many refactorings, fixes and

Recent Commits

update readme, fix and install...	experimental
todo updates	experimental
re-enable bookmarks	experimental
script, make...	experimental
also perform @PATH-like escapes...	experimental
do not hide interesting output b...	experimental
make uzbl-browser work out of th...	experimental
uzbl-corebrowserinstall	experimental
now sep...	experimental
fix print bug	master
docs updates	master
get rid of more obsolete code	master
get rid of obsolete code	master
Stage 1: refactor event system	master
Merge branch 'master' of gbl.g...	master
don't put too specific system de...	master
del...	master
More...	

Branches

Official	master
	experimental
Community	many repos @ github
	some repos not @ github
	github search

2009.09.12: many refactorings, fixes and

"That was easy. xmonad rocks!"

Search

home download documentation community

What is xmonad?

xmonad is a dynamically tiling X11 window manager that is written and configured in Haskell. In a normal WM, you spend half your time aligning and searching for windows, **xmonad makes work easier**, by automating this.

What's new?

- xmonad 0.9 is available from our [download page](#).
- Report a bug and we'll squash it for you in the next release.
- Follow our [blog](#) or [on twitter](#).

Why should I use xmonad?

xmonad is **tiling**. xmonad automates the common task of arranging windows, so you can concentrate on getting stuff done. xmonad is **minimal**, out of the box, no window decorations, no status bar, no icon dock; just clean lines and efficiency. xmonad is **stable**.

haskell = smart programming practices guarantees a crash-free experience. xmonad is **extensible**. it sports a vibrant **extension library**, including support for window decorations, status bars, and icon docks. xmonad is **featureful**.

core features like [per-screen](#)

screenshots

see more...

videos

view more...

Testimonials

"I'd monitor xmonad has to be the best Linux desktop experience ever" — [josephkern](#) apr 09

"Xmonad is by far the best Window Manager around. It's one of the reasons I stick with Linux." — [Tener](#), apr 09

"I have to say, the greatest thing about xmonad thus far is its insane stability... I have zero issues with xmonad" — [wlfart](#), mar 08

read more...

Example: Adding a bookmark, external script

```
@cbind B = spawn @scripts_dir/insert_bookmark.sh
```

bookmarking using external script

Google Search

I'm Feeling Lucky

Add bookmark. add tags after the ' ', separated by spaces

http://www.google.com/webhp Google!t



Cancel



OK

```
[Cmd] [ ] [=====>]100% http://www.google.com/webhp 16777219 done
```

Example: Adding a bookmark, builtin way

```
@cbind <Ctrl>b<tags:>_ = sh 'echo -e "$6 %s" >> $file '
```

i am bookmarking this page

Google zoeken

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```
[Bnd] tags:search engine googl_ [=====>]100% http://www.google.be/ 16
```

Uzbl related/inspired browsers

- ▶ surf
- ▶ vimperator
- ▶ jumanji
- ▶ luakit
- ▶ vimprobable
- ▶ vimpresion
- ▶ vimnav
- ▶ dwb
- ▶ pyweb
- ▶ ffuzbl
- ▶ Ezbl

roadmap, current limitations

- ▶ less NIH keybindings, config language
- ▶ performance?
- ▶ isolatedworlds to bring back Uzbl js object

www.uzbl.org