spmenu

image

What is spmenu?

spmenu is an X11 menu application based on [dmenu](#) which takes standard input, parses it, and lets the user choose an option and sends the selected option to standard output.

In addition to this, it also serves as a run launcher through the included shell script `spmenu_run`, which handles both $PATH listing and .desktop entries.

It is designed to integrate well with my [dwm](#) fork, [speedwm](#).

Special features

This build of spmenu has some features written for this build. Of course if you want, this is free software so you can use it in your own build.

- Proper configuration file support
- dwm-like key/mouse bind array (See keybinds.h and mouse.h)
- Vim-like modes, including indicator.
- The ability to move around items with keybinds.
- Customizable/dynamic line/column size.
- IME support
    - Was removed from suckless dmenu years ago due to issues I've resolved
- Powerlines
- Web browser like keybindings.
- 256 color support through SGR codes.
- Image support
    - Somewhat based on [this repository](#)

- Option to block typing.
- Rewritten arguments, old arguments still work though.
- Hiding each part of the menu.

..and more!

Other features

Note: This is an incomplete list, it's just here to give you an idea of what this build has to offer.

- Pango markup support
- Alpha transparency
- Pywal/.Xresources support
- Grid
- Colored Emoji/Font support
- Highlighting
- Right-to-left language support
- Case-insensitive by default
- Padding; useful with patched dwm with barpadding or speedwm.
- Fuzzy-finding
- Preselect support
- Line-height
- History support
- Customizable bar height

Dependencies

- libX11
- libXrender
- freetype
- imlib2
  - Used for image support, can be disabled if you don't want this by:
    - build.sh: Setting `imlib2=false` in `buildconf`.
    - Makefile: Editing `toggle.mk` and commenting out a few lines.
- libXinerama
  - Can be disabled if you don't want/need multi-monitor support by:
    - build.sh: Setting `xinerama=false` in `buildconf`.
    - Makefile: Editing `toggle.mk` and commenting out a few lines.
- tcc compiler
  - You can swap it out for GCC or any other C99 compatible compiler by:
    - Makefile: Passing `CC="gcc"` to the `make` command.
    - build.sh: Adding `CC="gcc"` to the `buildconf.` command if you want)

- OpenSSL
    - Used to calculate MD5 of images if image support is enabled, can be disabled if you don't want this by:
        - build.sh: Setting `imlib2=false` and `openssl=false` in `buildconf`.
        - Makefile: Editing `toggle.mk` and commenting out a few lines.
- Pango
    - Can be disabled if you don't want/need Pango markup by:
        - build.sh: Setting `pango=false` and `pangoxft=false` in `buildconf`.
        - Makefile: Editing `toggle.mk` and commenting out a few lines.
- libconfig
    - Can be disabled if you don't want/need config file support by:
        - build.sh: Setting `libconfig=false` in `buildconf`.
        - Makefile: Editing `toggle.mk` and commenting out a few lines.

Installation (GNU/Linux, *BSD, macOS/OS X/Mac OS X)

```
emerge dev-vcs/git # Install dev-vcs/git using your favorite
package manager

git clone https://git.speedie.site/spmenu

cd spmenu/

./build.sh # Run as root.
```

Report any issues with the build.sh script. There's also a Makefile which you can use but it may require editing host.mk and toggle.mk manually.

Installation (Gentoo GNU/Linux)

If you are on Gentoo GNU/Linux, you can add [my overlay](#) which includes `x11-misc/spmenu` as well as other useful packages.

Installation (Arch GNU/Linux)

If you are on Arch GNU/Linux, you can add [my repository](#) which includes `spmenu` as well as other useful packages.

There's also a PKGBUILD. To use it, simply `make install_arch` in the directory the PKGBUILD is located.

If you wish to package spmenu for your GNU/Linux distribution, feel free to add it to this list.

TODO

Pull requests would be greatly appreciated for any of these issues!

General

- Config file: Add configuration file using (probably) libconfig, allowing keybinds to be configured without recompiling spmenu.
- Image support: Stop using OpenSSL for caching images, mostly because MD5() is deprecated as of OpenSSL 3.0, but this would also make it very easy to have LibreSSL compatibility.
- Image support: Ability to display icons, similar to rofi
- Matching: Add support for contextual completions similar to xprompt
- Text drawing: Use cairo for text drawing over Xft.
- Matching: FIFO, used to dynamically refresh entries.

Unlikely, but maybe at some point in the distant future

- Wayland: Wayland support, but only if it doesn't require writing any extra code which as of now seems unlikely.
  - Before this can even be done, replace Xft with cairo, deal with keybinds in some Wayland compatible way, and figure out a way to preserve X11 compatibility as I do not want to use Wayland anyway.
  - You can just use XWayland anyway if you happen to use Wayland, so it's not like you will be unable to use spmenu in its current state.

Bugs

- Text drawing: Pango will sometimes spit out errors for invalid markup. Silencing this would be a good idea.
- Image support: Images take a long time to load sometimes, particularly when items are selected using the cursor so what we really need is a way to skip over images after a set time limit

Scripts

This build of spmenu should work with all spmenu/dmenu scripts. Here are a few I've written/use. If your scripts are useful enough, and written with spmenu in mind, feel free to pull request and put your scripts here!
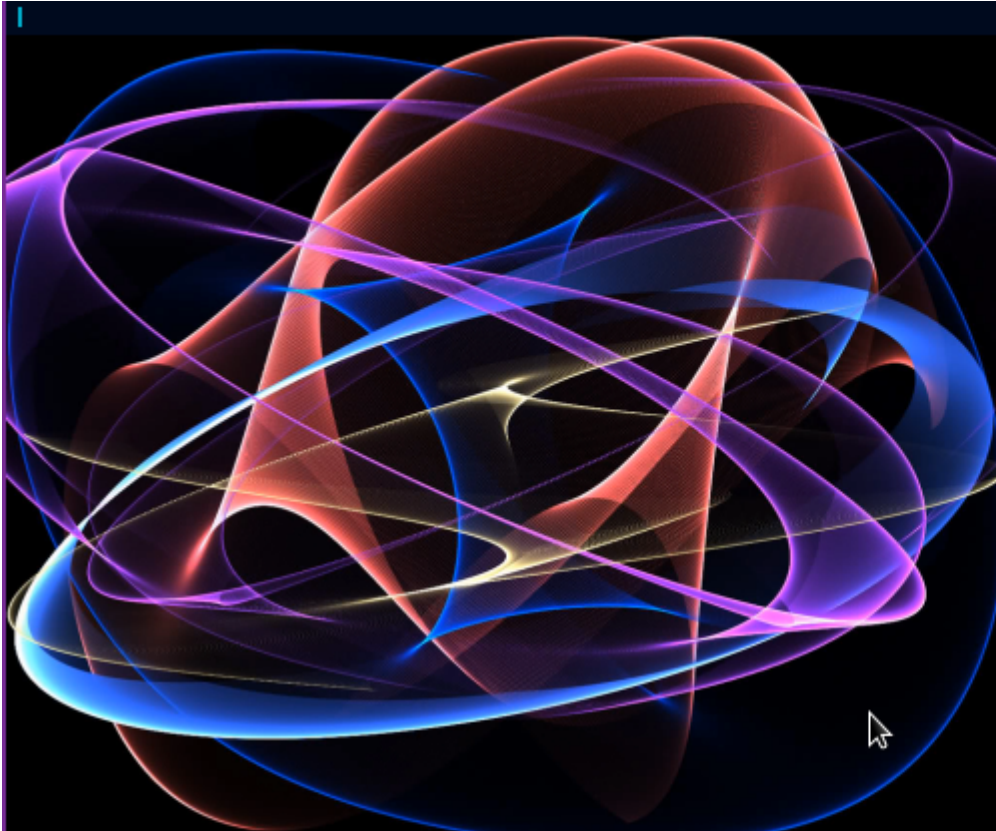
More information

See the included man page.

License

spmenu is licensed under the MIT license. See the included LICENSE file for more information!

Screenshots

If you do something cool with spmenu, feel free to add yours here!

anon@gentoo

```
        dSSSSSb.        OS:        Gentoo Linux
      .dSSSSSSSSSb.     KERNEL:    Linux 6.1.1-gentoo
     SSSS( )SSSSSSb     SHELL:     zsh
    QSSSSSSSSSSSSSSb    PACKAGES:  1078
     dSSSSSSSSSSSP      CPU:       Intel(R) Core(TM) i9-10900 CPU
     dSSSSSSSSSP        RAM:       13.6582GB
     SSSSSSSSSSP        USED:      1.9GB
      QSSSSSSP          INIT:      OpenRC
```

686 - Anonymous at 2023-04-01 12:5
message
685 - Anonymous at 2023-04-01 12:2
random image
684 - Anonymous at 2023-04-01 12:0
Message sent using iron-spmenu!
683 - Anonymous at 2023-04-01 12:0
Message sent using iron-spmenu!
682 - Anonymous at 2023-04-01 12:0
This is a message!
681 - CONFIG_IOSF_MBI at 2023-03-2

This option enables sideband regis
platforms. On these platforms the
MSR's for some register accesses,
and power. Drivers may query the a
determine if they need the sideba
platforms. The sideband is availab
This list is not meant to be exclu
- BayTrail
- Braswell
- Quark
You should say Y if you are runnin
680 - Anonymous at 2023-02-20 11:0
penis balls
679 - Anonymous at 2023-02-12 11:1
shit's fuck'd
678 - Leenah at 2023-02-04 22:25:5
Abraxas: i miss u :'3 tell awka i

i'll come soon
677 - Anonymous at 2023-02-04 11:5
again
676 - Anonymous at 2023-02-04 11:5
oops i accidentally spammed
675 - Anonymous at 2023-02-04 11:5
oops i accidentally spammed
674 - Anonymous at 2023-02-04 11:5
RIP Andrew Tate 1984-2

What wallpaper would you like to set? |

Current directory: /home/speedie/

0001.jpg
0002.jpg
0003.jpg
0004.jpg
0005.jpg
0006.jpg
0007.jpg
0008.jpg
0009.jpg
0010.jpg
0011.jpg
0012.jpg
0013.jpg
0014.jpg
0015.jpg
0016.jpg
0017.jpg
0018.jpg
0019.jpg
0020.jpg
0021.jpg
0022.jpg
0023.jpg
0024.jpg
0025.jpg
0026.jpg
0027.jpg
0028.jpg

s menu 0.3.2

wertyuiop[]asdf

qwertyuiop[]asdf - b

qwertyuiop[]asdf - i

~~qwertyuiop[]asdf~~ - s

<u>qwertyuiop[]asdf</u> - u

qwertyuiop[]asdf - sub

qwertyuiop[]asdf - sup

qwertyuiop[]asdf - tt

qwertyuiop[]asdf - small

qwertyuiop[]asdf - big

Arguments will be passed to spmenu

Report any issues at the Codeberg