

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, including keybinds.
- 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

- 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!

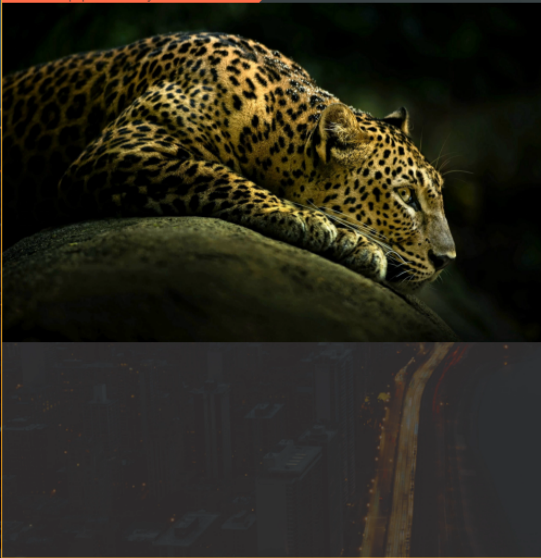
Screenshots

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

```
https://speedie.gd/projects/spmenu.ph 9/9
#00000: OS: Gentoo Linux
#00000000: KERNEL: Linux 6.1.1-gentoo
#0001: VSS00000: SHELL: zsh
#000000000000000000: PROCESSES: 3078
#000000000000: CPU: Intel(R) Core(TM) i9-13900K CPU
#0000000000: RAM: 13.65GB
#0000000000: USED: 1.9GB
#00000000: SWAP: 8GB
```

```
680 - Anonymous at 2023-04-01 12:56:43:
Message
681 - Anonymous at 2023-04-01 12:56:43:
Message
682 - Anonymous at 2023-04-01 12:56:53:
Message sent using libspmenu
683 - Anonymous at 2023-04-01 12:56:53:
Message sent using libspmenu
684 - Anonymous at 2023-04-01 12:56:53:
This is a message
685 - Anonymous at 2023-04-01 12:57:04:
This option enables libspmenu register access support for Intel SGX
platforms. On these platforms the libspmenu is used in lieu of
libspmenu for some register accesses, mostly but not limited to thermal
and power. Access may vary the availability of this device to
determine if they need the libspmenu in order to work on these
platforms. The libspmenu is available on the following Set products.
This list is not meant to be exhaustive.
- BayTrail
- Braswell
- Quark
The libspmenu tag 0.18 you are creating a kernel on one of these SGX's.
686 - Anonymous at 2023-04-01 12:57:20:
penis balls
687 - Anonymous at 2023-04-01 12:57:20:
shit's fuckin'
688 - Anonymous at 2023-04-01 12:57:20:
Access: a shit u - 3 tall male's esse haw too, a hup for both of you <3
2:12 user soon
689 - Anonymous at 2023-04-01 11:52:49:
spmenu
690 - Anonymous at 2023-04-01 11:52:50:
oops i accidentally spawned
691 - Anonymous at 2023-04-01 11:52:54:
oops i accidentally spawned
692 - Anonymous at 2023-04-01 11:52:55:
[REDACTED] SP Answer Fate 5984-2022 [REDACTED] killed in Ransman Prison [REDACTED] Alpha Male energy resulted in catastrophic explosion [REDACTED] 79 dead including defense attorney Joe Rogan [REDACTED] seamen passed another ...
```


What wallpaper would you like to set? 311/311 Normal



Current directory: /home/speedie/Wallpapers/DistroTube Wallpapers

- 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

spmenu test script 30/30 Normal



0.3.2

```
wertyuiop[]asdf
qwertyuiop[]asdf - b
qwertyuiop[]asdf - i
qwertyuiop[]asdf - s
qwertyuiop[]asdf - u
qwertyuiop[]asdf - sub
qwertyuiop[]asdf - sup
qwertyuiop[]asdf - tt
qwertyuiop[]asdf - small
qwertyuiop[]asdf - big
[REDACTED]
```

Arguments will be passed to spmenu.
Report any issues at the Codeberg repo.