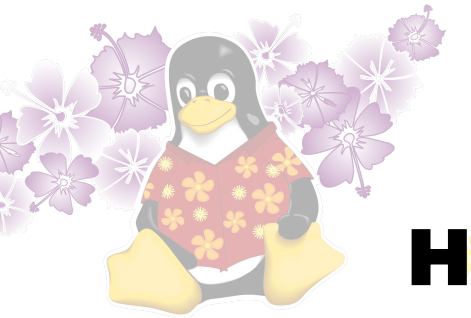
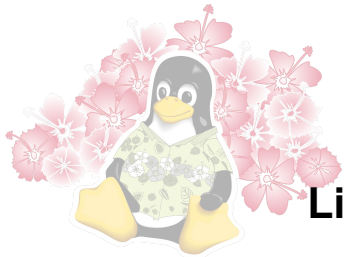
Open Source Shirts



How Do You Open Source A Shirt?



LinuxFest NorthWest 2024

by

Troy Dawson

Founder / Lead Designer at Casual Penguins

30 Years Old

40 Years Old

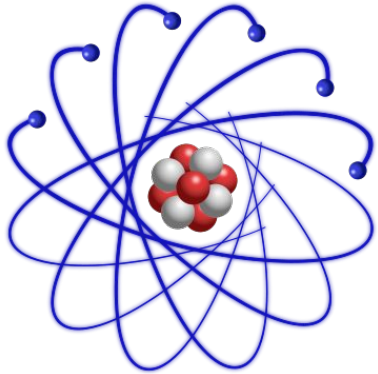
20 Years Old

50 Years Old

CentOS
Stream

Fermi Linux

YOR Linux

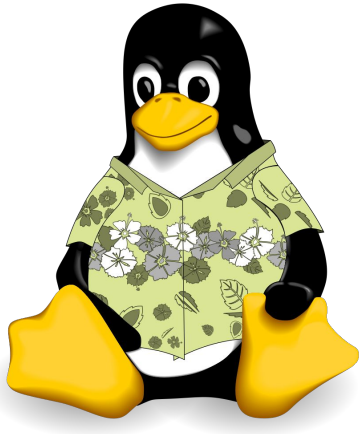


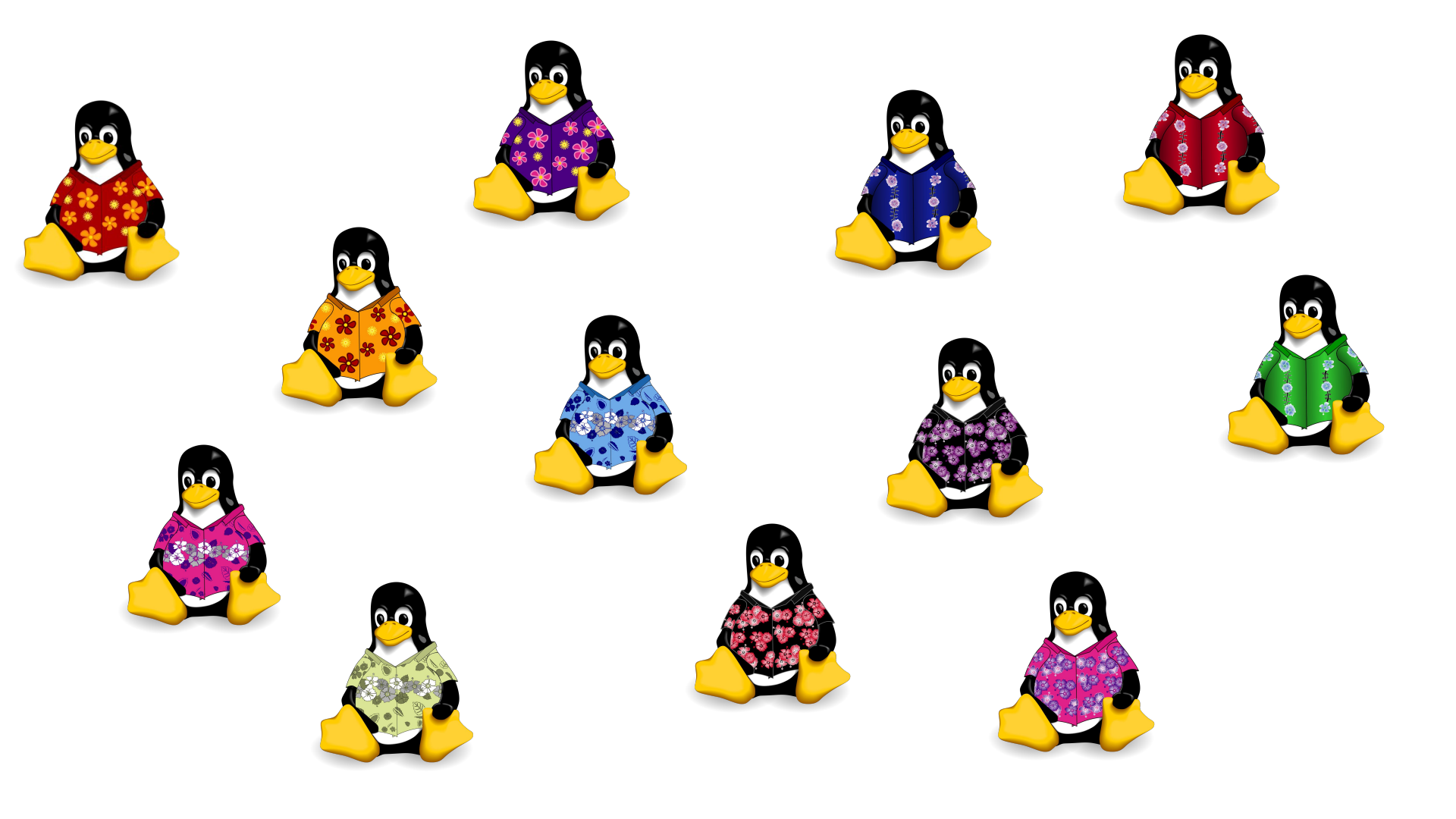
Scientific Linux

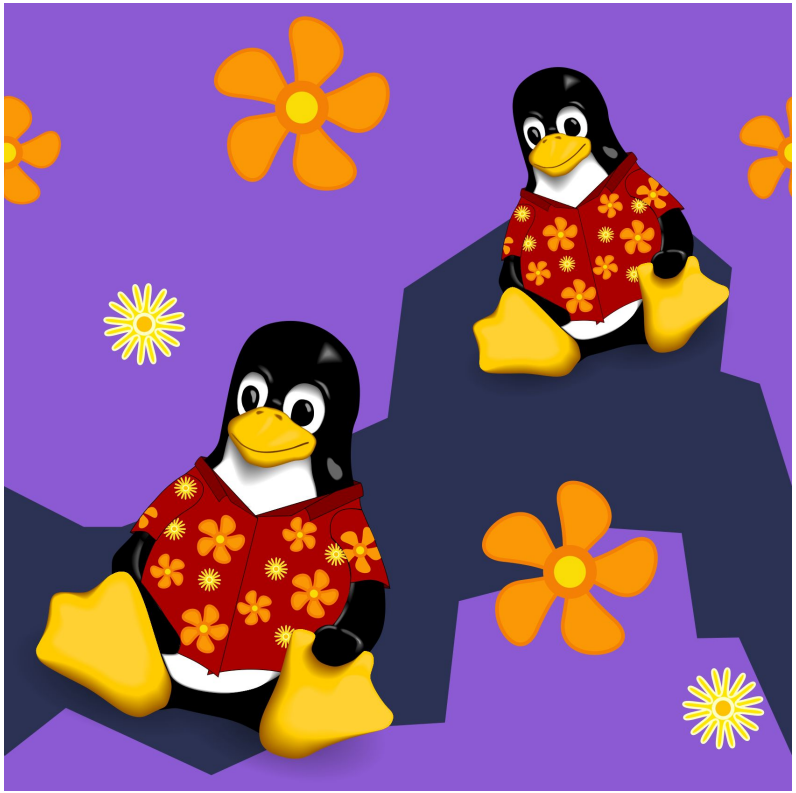
Red Hat
Enterprise Linux

Creative Commons Attributions

Creative Commons Attributions







(Hold up purple shirt(s))

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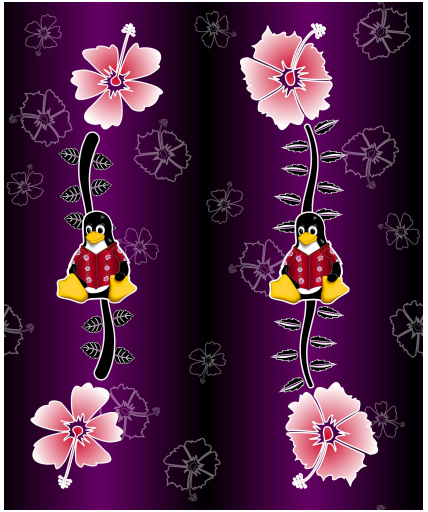
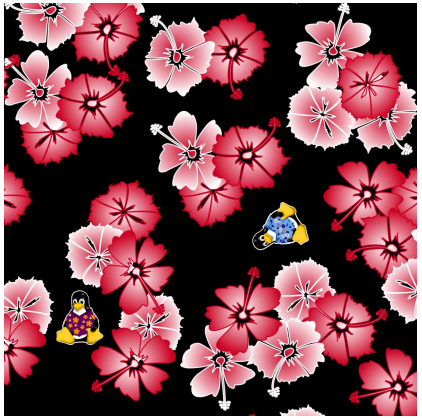
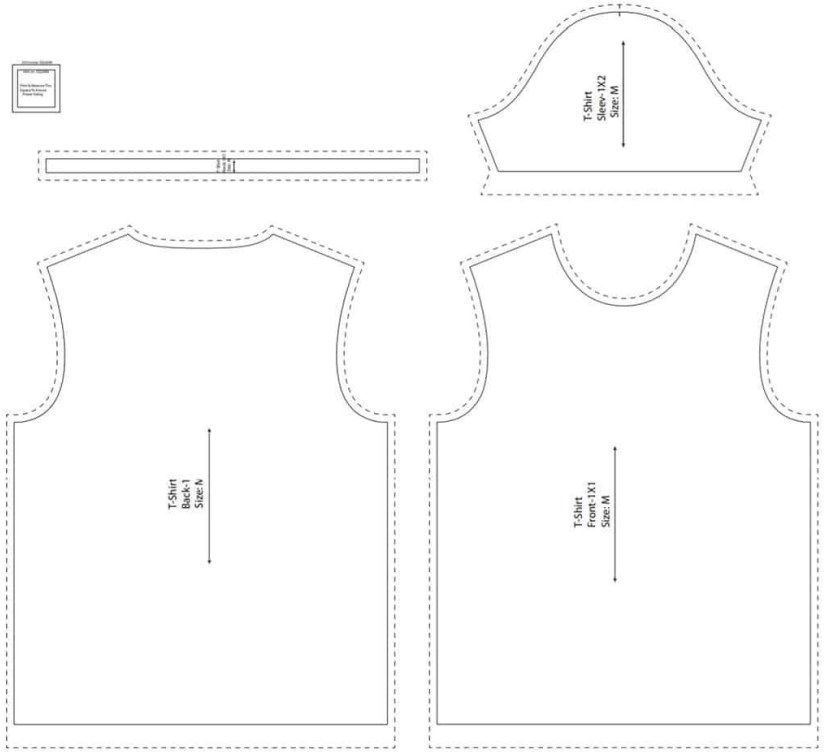




Designs vs Patterns



Shirt Patterns

Clothing Pattern Software

$$$$$

And is Proprietary *

Shirt Patterns

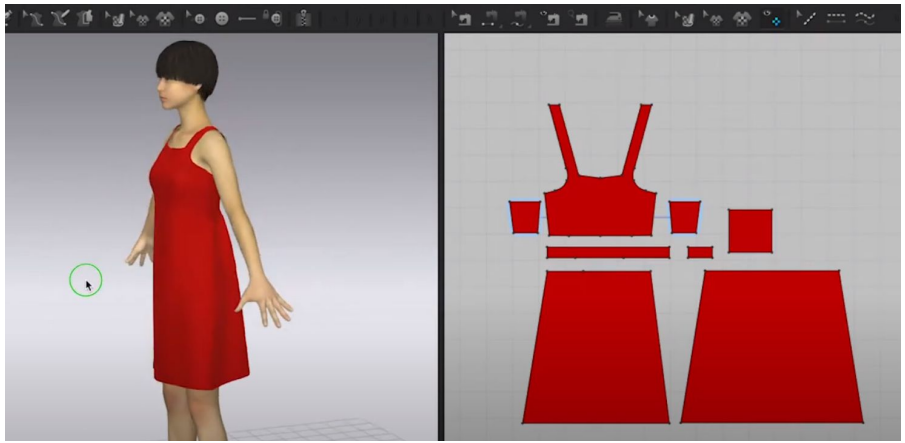
Open Source Desktop Software

Valentina

Seamly

Shirt Patterns

Reasonably Priced Desktop Software



Shirt Patterns

Open Source Pattern Service

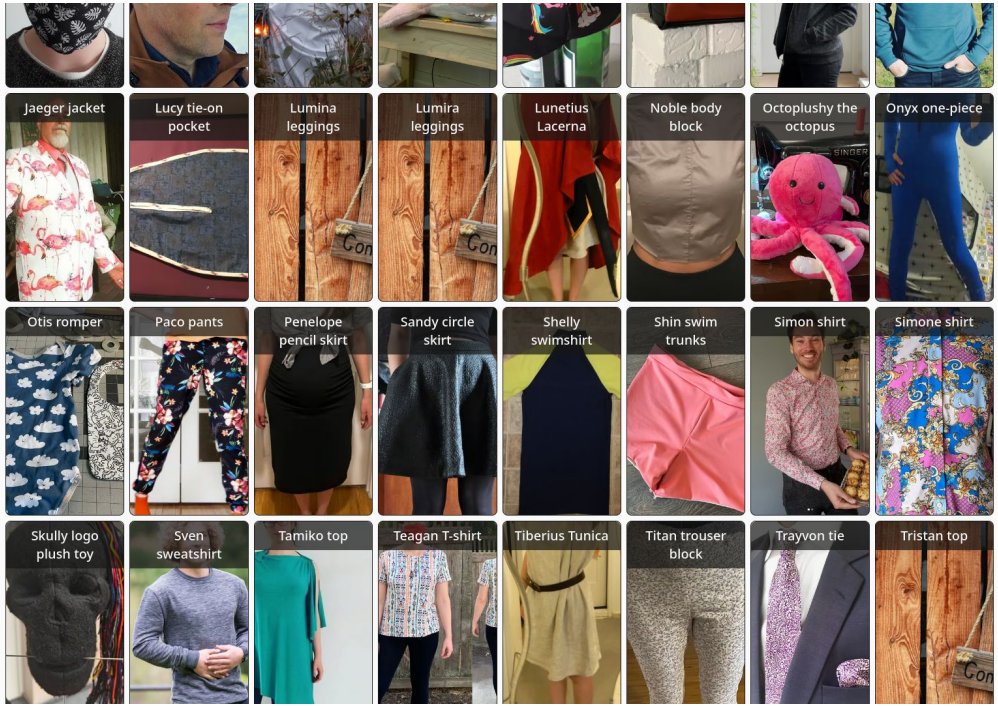
FreeSewing

Free Bespoke Sewing Patterns

freesewing.org

Shirt Patterns

FreeSewing



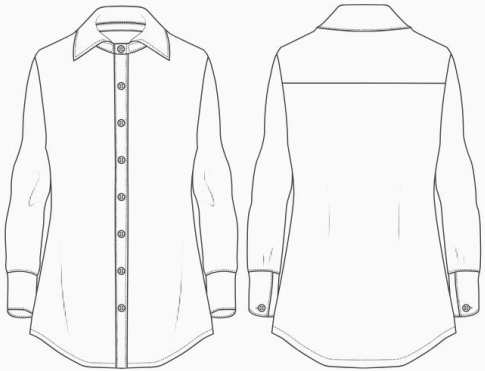
Shirt Patterns

FreeSewing

Simon shirt

#FreeSewingSimon

Simon is a highly adaptable shirt pattern for people without breasts.



New Simon pattern

Documentation

Specifications

Design
Joost De Cock

Code
Joost De Cock

Difficulty

Tags
Tops

Techniques
Hemming, Buttons & Buttonholes, Interfacing, Curved seams, Flat-felled seams, Sleeves

Required measurements
- biceps
- chest
- hips
- hpsToBust
- hpsToWaistBack
- neck

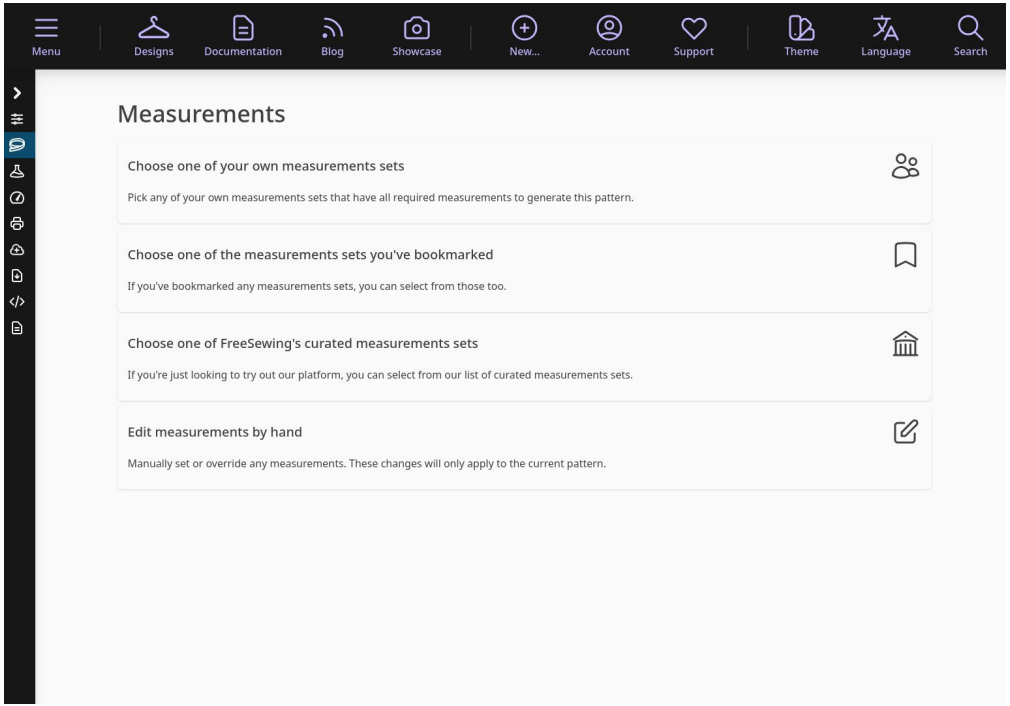
Designer Notes

Simon is the first design where I really wanted to flex my muscles and show what's possible with parametric design.

I think that if I did it today, I'd probably make a couple of different styles that each extend a more basic shirt design. But, as I mentioned, this design was created in the early stages of my journey into parametric design, so I really wanted to see what was possible.

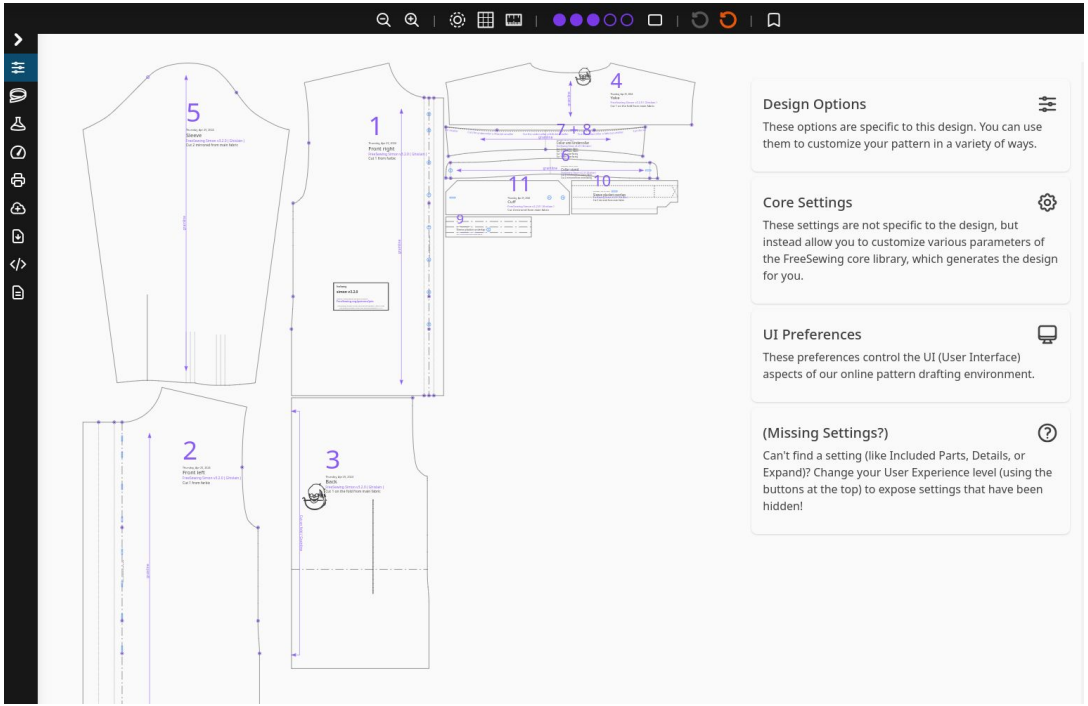
Shirt Patterns

FreeSewing



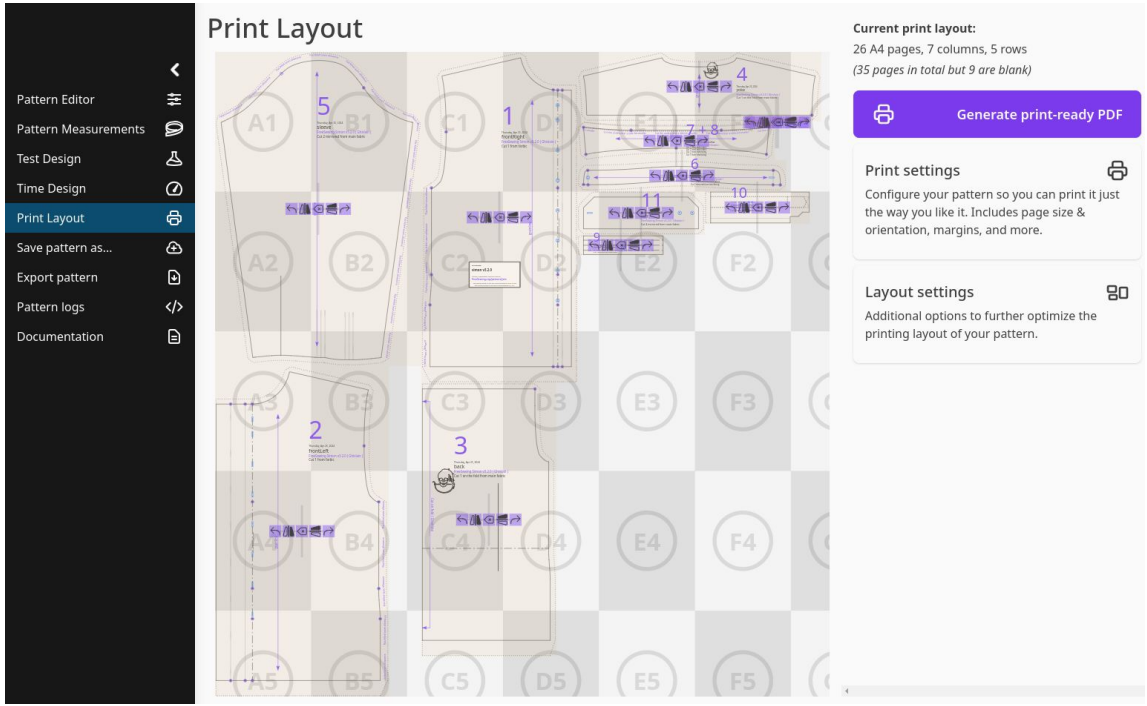
Shirt Patterns

FreeSewing



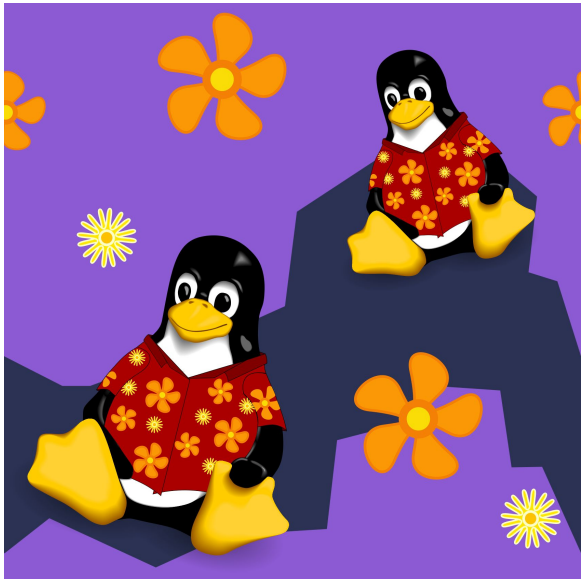
Shirt Patterns

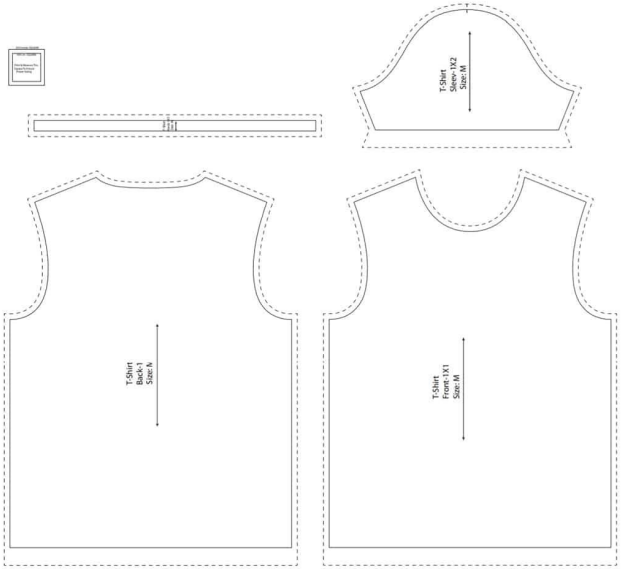
FreeSewing



Shirt Patterns

Pay Someone To Do It For You





Kickstarter

KICKSTARTER

Search projects, creators, and categories

Start a project

Art Comics Crafts Dance Design Fashion Film Food Games Journalism Music Photography Publishing Technology Theater Discover

Casual Penguins Hawaiian Shirts

Linux Penguin based Hawaiian Shirts

$4,003
pledged of $15,000 goal

43
backers

Funding Unsuccessful
The project's funding goal was not reached on Wed, September 15 2021 5:41 AM PDT

Last updated March 1, 2023

Apparel Spokane Valley, WA

(Hold up red shirt then pink shirt)

Beyond Kickstarter

Buy red fabric in bulk

Buy a Surger

Fine tune pattern

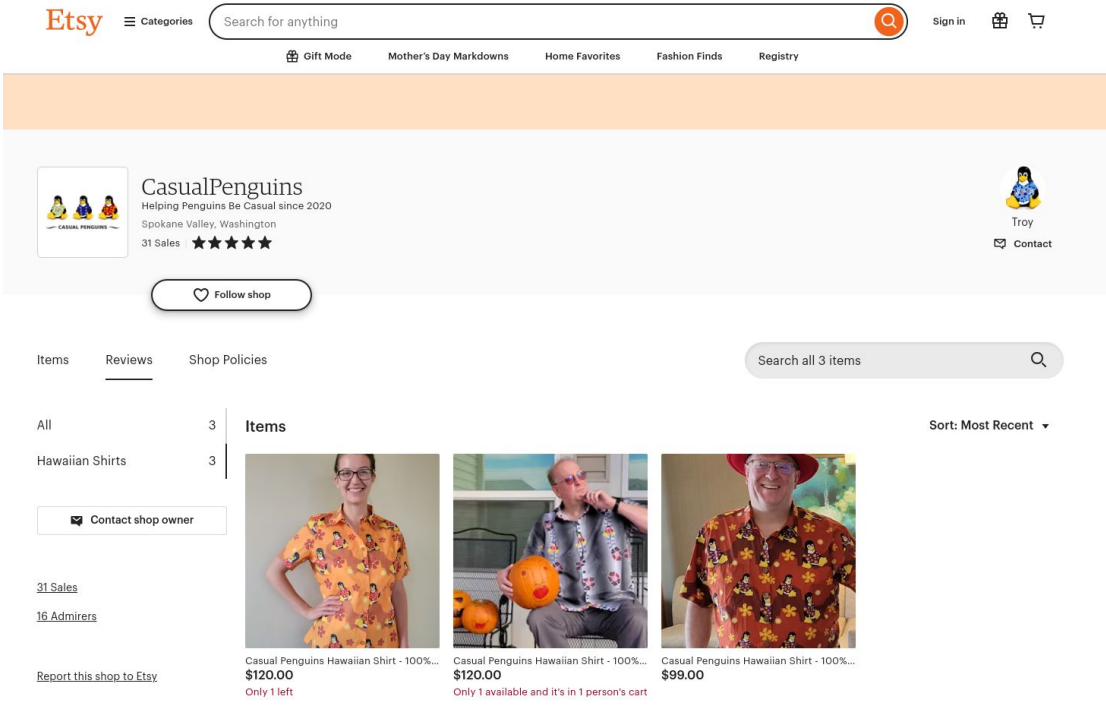
Print Pattern

Buy a better Sewing Machine

Practice sewing shirts until I feel comfortable selling them.

(Hold up blue shirt)

Etsy



(Hold up red shirt then white shirt)

Conclusion

I’ve done my best to Open Source a shirt

- Open Sourced the designs
- Open Sourced the patterns
- Links to buy fabric

Question and Answers and Free Raffle

References

https://www.casualpenguins.com/

https://casualpenguins.etsy.com/

https://github.com/casualtux (My Designs)

https://freesewing.org/ (My Favorite Paterns)

https://smart-pattern.com.ua/en/ (Valentina)

https://seamly.io/ (Seamly)

https://www.clo3d.com/en/ (CLO)