

# Open Source Shirts

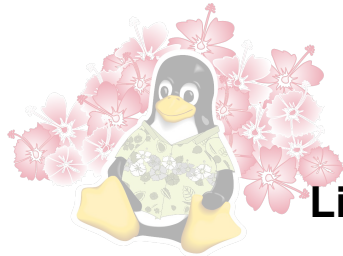
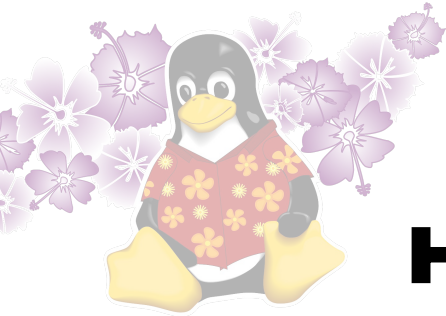
## How Do You Open Source A Shirt?

LinuxFest NorthWest 2024

by

Troy Dawson

Founder / Lead Designer at Casual Penguins





30 Years Old



20 Years Old



40 Years Old

50 Years Old





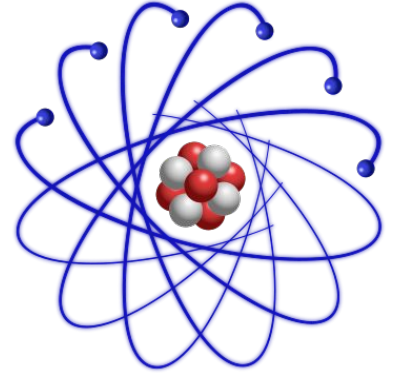
**CentOS**  
Stream



**Fermi Linux**



**YOR Linux**



**Scientific Linux**



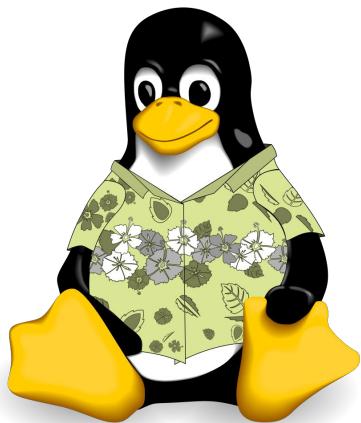
**Red Hat**  
**Enterprise Linux**

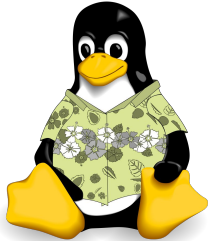
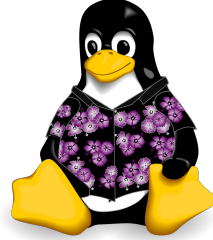
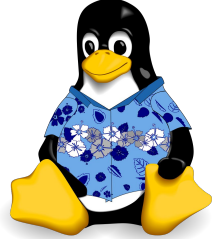


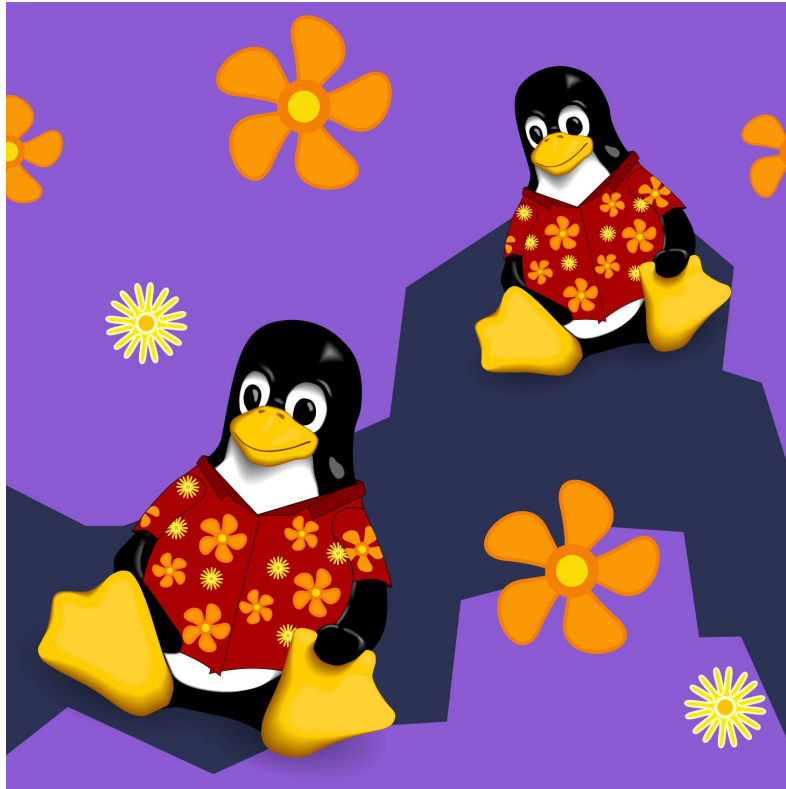
Creative Commons Attributions



Creative Commons Attributions





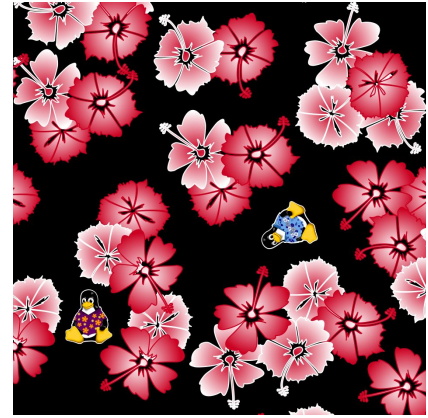
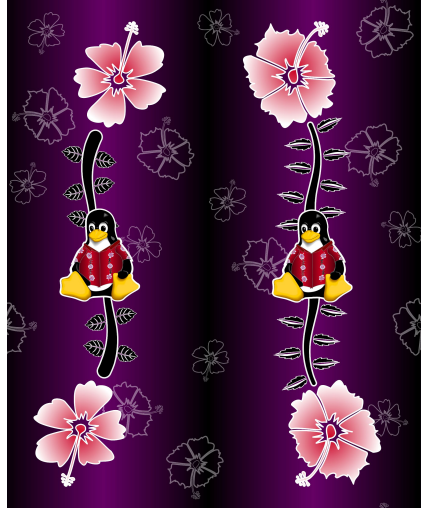
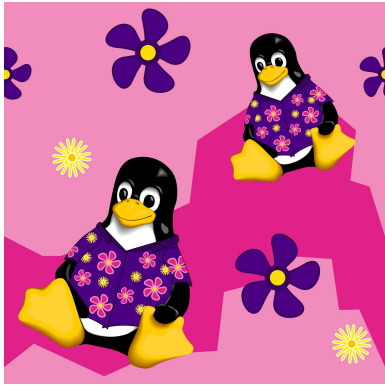




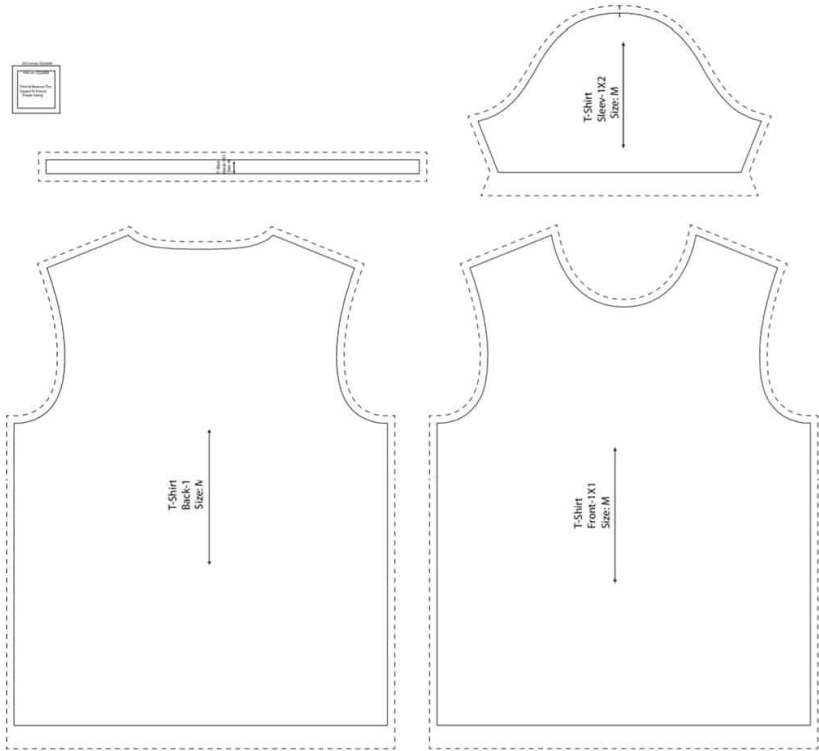


( Hold up purple shirt(s))

# Creative Commons Attributions



# Designs vs Patterns



# **Shirt Patterns**

**Clothing Pattern Software**

**\$\$\$\$\$**

**And is Proprietary \***

# Shirt Patterns

Open Source Desktop Software



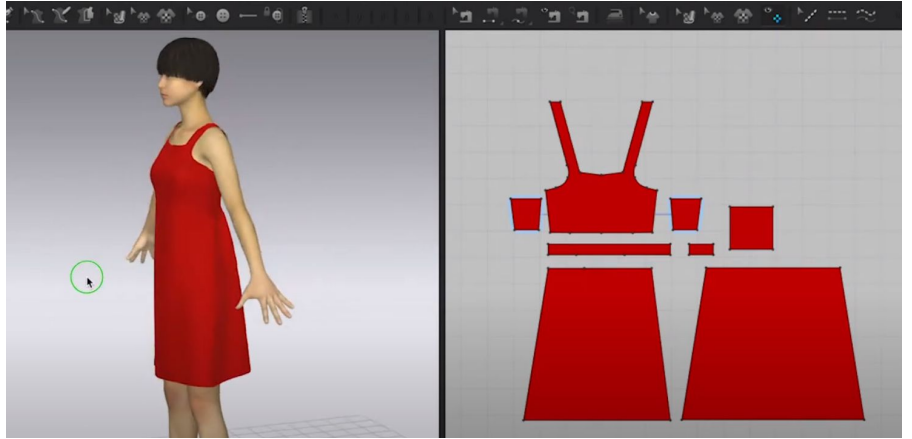
*Valentina*



Seamly

# Shirt Patterns

Reasonably Priced Desktop Software



# Shirt Patterns

Open Source Pattern Service



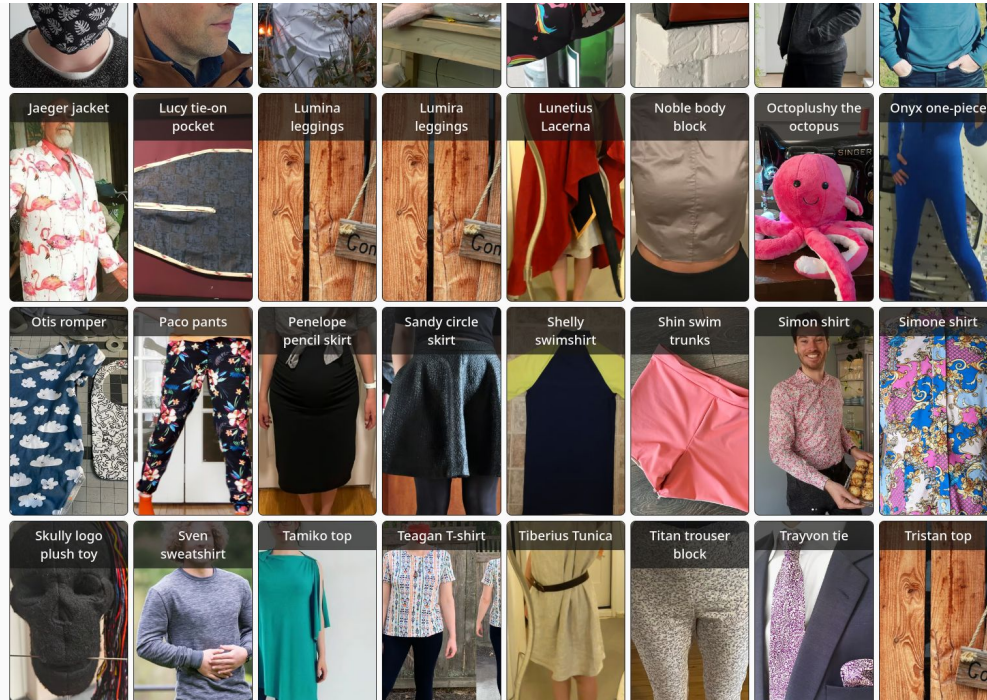
**FreeSewing**

Free Bespoke Sewing Patterns

[freesewing.org](http://freesewing.org)

# Shirt Patterns

## FreeSewing





# Shirt Patterns

## FreeSewing

### Simon shirt

#FreeSewingSimon

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



### 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.



New Simon pattern



Documentation

### Specifications

Design

Joost De Cock

Code

Joost De Cock

Difficulty



Tags

Tops

Techniques

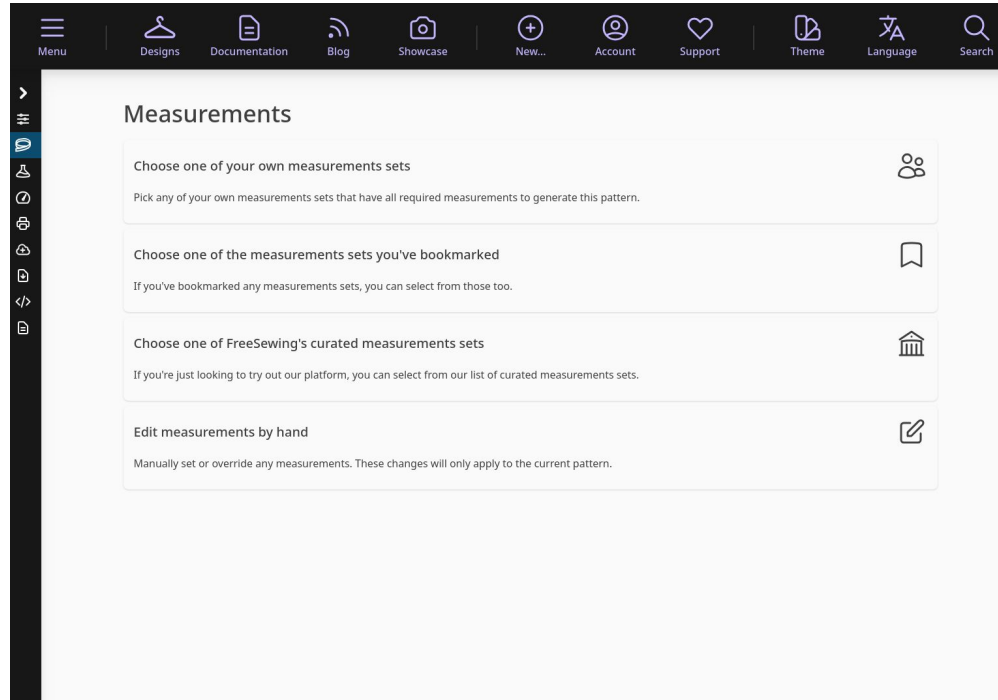
Hemming Buttons & Buttonholes Interfacing  
Curved seams Flat-felled seams Sleeves

Required measurements

- [biceps](#)
- [chest](#)
- [hips](#)
- [hpsToBust](#)
- [hpsToWaistBack](#)
- [neck](#)

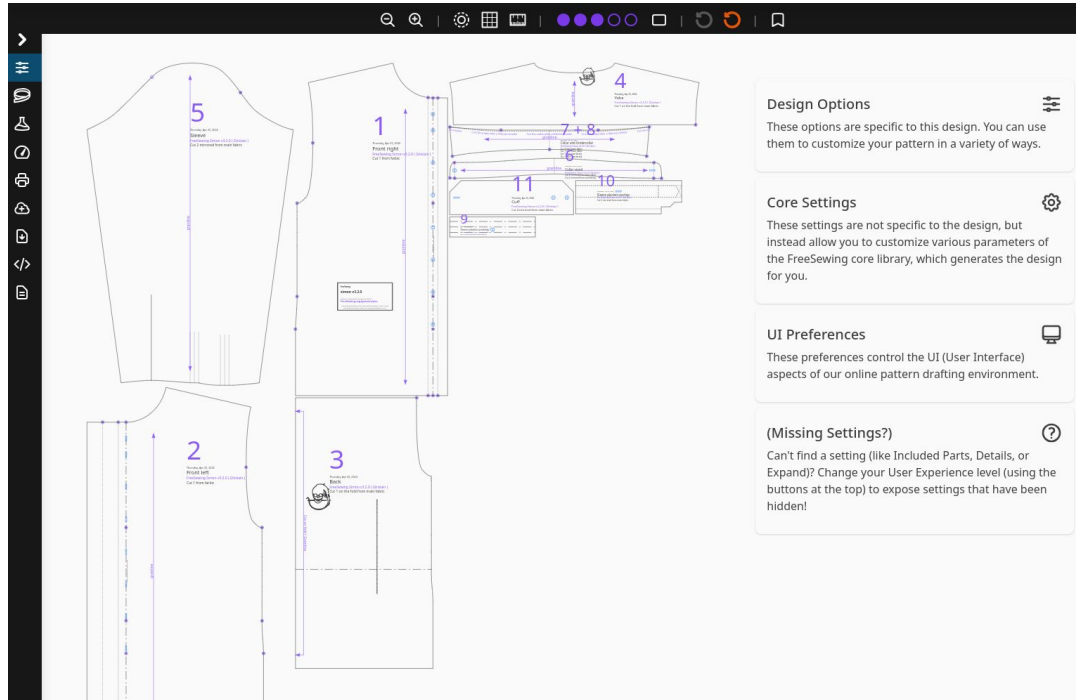
# Shirt Patterns

## FreeSewing



# Shirt Patterns

## FreeSewing



The screenshot displays the FreeSewing software interface. The main workspace shows a technical drawing of a shirt pattern with eleven numbered callouts (1-11) indicating various parts and dimensions. The callouts are:

- 1: Neckline width
- 2: Collar width
- 3: Collar height
- 4: Sleeve cap width
- 5: Sleeve length
- 6: Sleeve cap curve
- 7: Sleeve cap curve
- 8: Sleeve cap curve
- 9: Sleeve cap curve
- 10: Sleeve cap curve
- 11: Sleeve cap curve

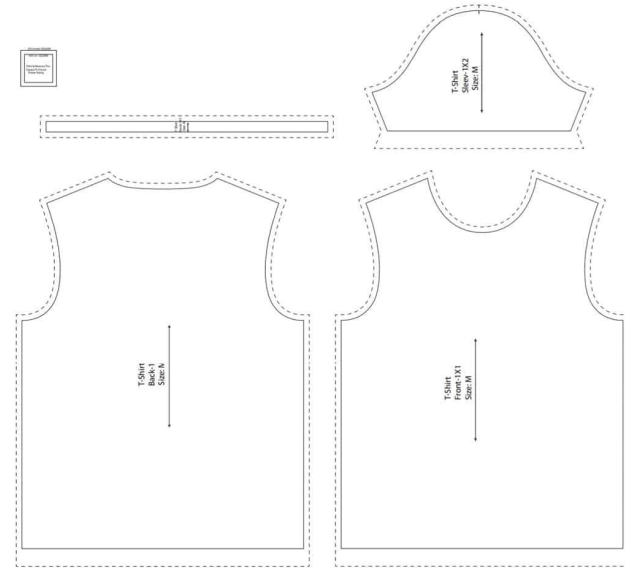
The right sidebar contains three sections:

- Design Options**: These options are specific to this design. You can use them to customize your pattern in a variety of ways.
- Core Settings**: These settings are not specific to the design, but instead allow you to customize various parameters of the FreeSewing core library, which generates the design for you.
- UI Preferences**: These preferences control the UI (User Interface) aspects of our online pattern drafting environment.
- (Missing Settings?)**: Can't find a setting (like Included Parts, Details, or Expand)? Change your User Experience level (using the buttons at the top) to expose settings that have been hidden!



# Shirt Patterns

Pay Someone To Do It For You



# Kickstarter

KICKSTARTER

Q 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

Etsy

Categories

Search for anything



Sign in



Gift Mode

Mother's Day Markdowns

Home Favorites

Fashion Finds

Registry



CasualPenguins

Helping Penguins Be Casual since 2020

Spokane Valley, Washington

31 Sales ★★★★★



Troy

Contact

Follow shop

Items

Reviews

Shop Policies

Search all 3 items



All

3

Items

Hawaiian Shirts

3

Contact shop owner

31 Sales

16 Admirers

Report this shop to Etsy



Casual Penguins Hawaiian Shirt - 100%...

\$120.00

Only 1 left



Casual Penguins Hawaiian Shirt - 100%...

\$120.00

Only 1 available and it's in 1 person's cart



Casual Penguins Hawaiian Shirt - 100%...

\$99.00

Sort: Most Recent

( 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)