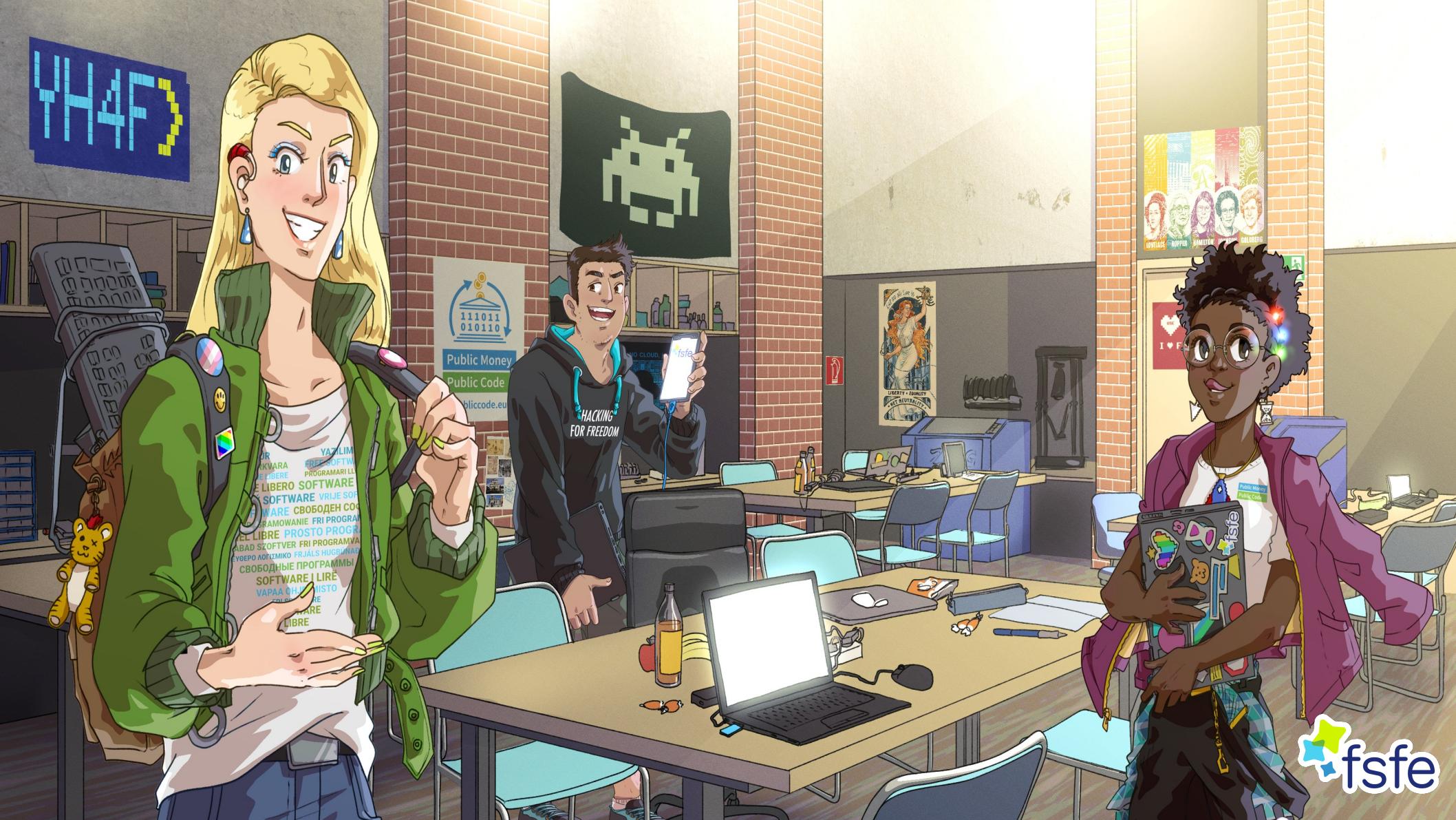


# Youth Hacking 4 Freedom

FSFE's coding competition

29 April 2023 · Augsburger Linux Tage  
[yh4f.org](http://yh4f.org) · [@fsfe](https://twitter.com/fsfe)





# All about: Youth Hacking 4 Freedom



## What is YH4F?

- FSFE's hacking competition

# All about: Youth Hacking 4 Freedom



“hacking” as in

- Ethical
- Tinkering
- Finding and coding new ways to reuse old devices
- Making life easier for yourself or others

# All about: Youth Hacking 4 Freedom



Not as in CTF,  
or hacking systems

# All about: Youth Hacking 4 Freedom



## What is YH4F?

- ~~FSFE's hacking competition~~
- develop your own project
- no limitations for ideas

# All about: Youth Hacking 4 Freedom



Only requirement it needs to  
be Free Software.

# All about: Youth Hacking 4 Freedom



## Who can participate?

- people between 14 – 18 years
- from Europe, not just the EU
- You don't need to have an European citizenship.

# Youth Hacking 4 Freedom



## The competition

# Youth Hacking 4 Freedom

## The competition



**Registration**

**Coding**

**Evaluation**

**Prizes & Ceremony**



# Youth Hacking 4 Freedom

## Registration



Sign up via: [yh4f.org](http://yh4f.org)



# Youth Hacking 4 Freedom

## Registration



**Sign up via: [yh4f.org](https://yh4f.org)**

**You do not need a project idea  
for signing up**



# Youth Hacking 4 Freedom

## Registration

Register your project!

First name \*

Last name \*

Your email \*

The country you live in \*

Your date of birth \*

 01 / 01 / 2004 

Only participants born between 1.01.2004 and 31.12.2008 are eligible.

Please tell us a few words about yourself. \*

For example, where do you live? What hobbies and interests do you have? What motivates you?

- I am at least 16 years old. If I am younger, my legal guardians agree with my registration.
- I have understood and accepted the [FSFE's privacy policy](#).

[Submit Registration](#)



# Youth Hacking 4 Freedom

## Coding



**Time-frame: 5 to 6 months**

**Opening event & introduction**

# Youth Hacking 4 Freedom

## Coding



Finding a project idea

- outline your idea &
- think of a time-frame

Start coding!

# Youth Hacking 4 Freedom

## Coding



### Monthly calls

- one input topic & discussion
- room for questions
- breakout rooms

# Youth Hacking 4 Freedom

## Coding



Providing help:

Legal & Licensing questions

General questions

Motivation

But: We can't help with coding

# Youth Hacking 4 Freedom

## Coding



**Most importantly:**  
**Have fun!**

# Youth Hacking 4 Freedom

## Evaluation



Who is evaluating the  
projects?

# Youth Hacking 4 Freedom

## Evaluation



A jury of experts from different fields.

Free Software project maintainers, coordinators

Academia

# Youth Hacking 4 Freedom

## Evaluation



Present your project to the jury  
and answer their questions.

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## Prizes



**6 winners**

- **1<sup>st</sup> place: 4096 EUR**
- **2<sup>nd</sup> place: 2048 EUR**
- **3<sup>rd</sup> to 6<sup>th</sup> place: 1024 EUR**

# Youth Hacking 4 Freedom

## Ceremony



In person

In Brussels

In October



# Youth Hacking 4 Freedom

## Ceremony



We organise everything from  
the hotel booking to the award  
ceremony.

And provide help with booking  
the planes and trains.

# Youth Hacking 4 Freedom

## Ceremony



**2 days trip over the weekend**

**City tour and networking  
activities**

**Ceremony & dinner**

**And lots of food**





# Youth Hacking 4 Freedom

## The people behind YH4F



Reinhard Wiesemann

&

Free Software Foundation  
Europe



# Youth Hacking 4 Freedom

## Reinhard Wiesemann



Is a (Social) Entrepreneur  
&  
supporting YH4F financially



# Youth Hacking 4 Freedom

## Free Software Foundation Europe



A charity that empowers users  
to control technology

&

organising the contest



# Youth Hacking 4 Freedom

## Free Software Foundation Europe



Alexander Sander,  
Senior Policy Consultant  
&  
Bonnie Mehring,  
Junior project manager



# Youth Hacking 4 Freedom

## previously on YH4F



- 2021 / 2022: 1<sup>st</sup> edition of YH4F
- 35 amazing projects
- 6 winning projects

# Youth Hacking 4 Freedom

## previously on YH4F



**6 winning projects:**

- I. Prize for „Sign Track“**
- II. Prize for „Smart Table Assistant“**
- III. Prize for „Aspinwall“**

# Youth Hacking 4 Freedom

## previously on YH4F



**6 winning projects: Special awards**

- **For „Music Companion“**
- **For „Sharik“**
- **For „Libre Homework“**

# Youth Hacking 4 Freedom

## previously on YH4F



Other project ideas:

- OnionSproutsBot,
- StarVibeLab,
- OpenCV HandGestureControl,
- Dynamic Menue insert commands,
- Presents
- ....

# Youth Hacking 4 Freedom

## previously on YH4F



**Our goal:**

- giving them visibility and
- the chance to network with people from the Free Software universe

# Youth Hacking 4 Freedom

## currently on YH4F



Coding period until 30<sup>th</sup> of June

- Around 20 projects in various project states
- Next award ceremony in October 2023

# Youth Hacking 4 Freedom

## next steps



3<sup>rd</sup> edition of YH4F  
beginning at the end of  
2023

*[yh4f.org](https://yh4f.org)*



**Thank you!**  
**Any questions?**



# yh4f.org

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