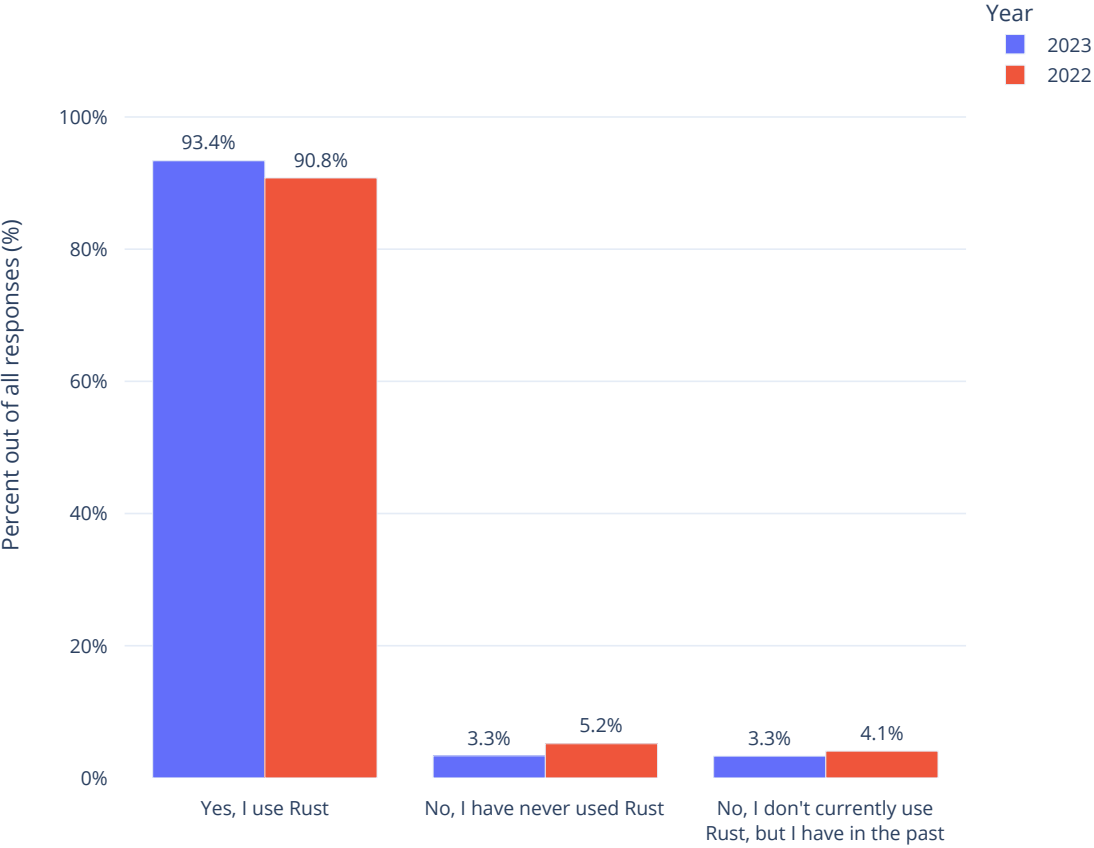


# Rust Annual survey 2023 report

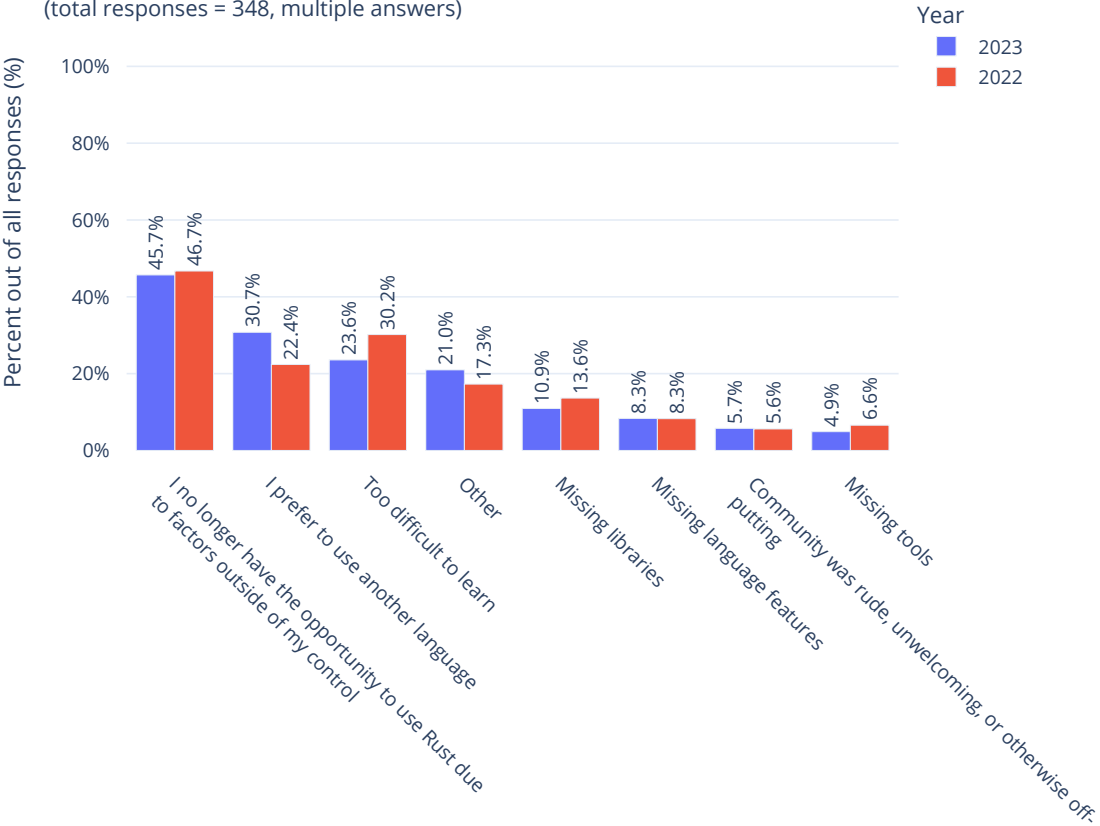
# Do you use Rust?

(total responses = 11906, single answer)

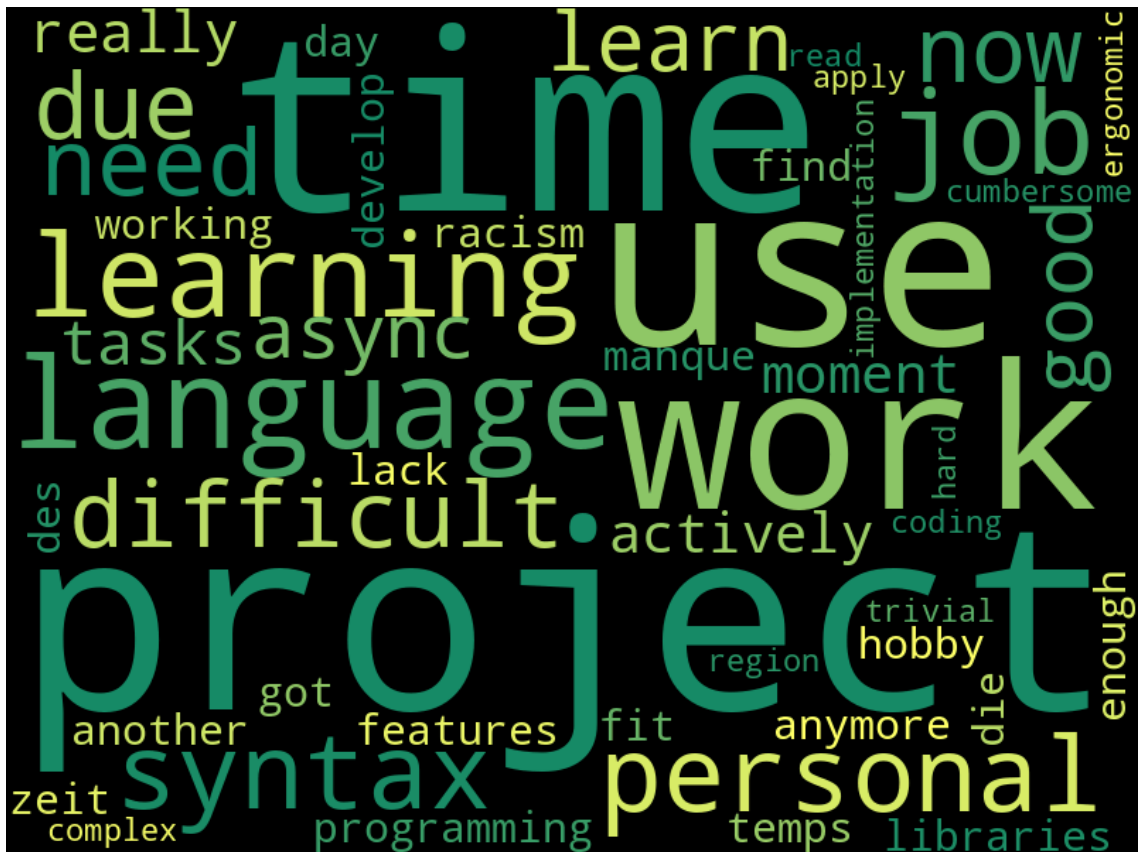


# As you have indicated that you're no longer using Rust, why did you stop using Rust?

(total responses = 348, multiple answers)

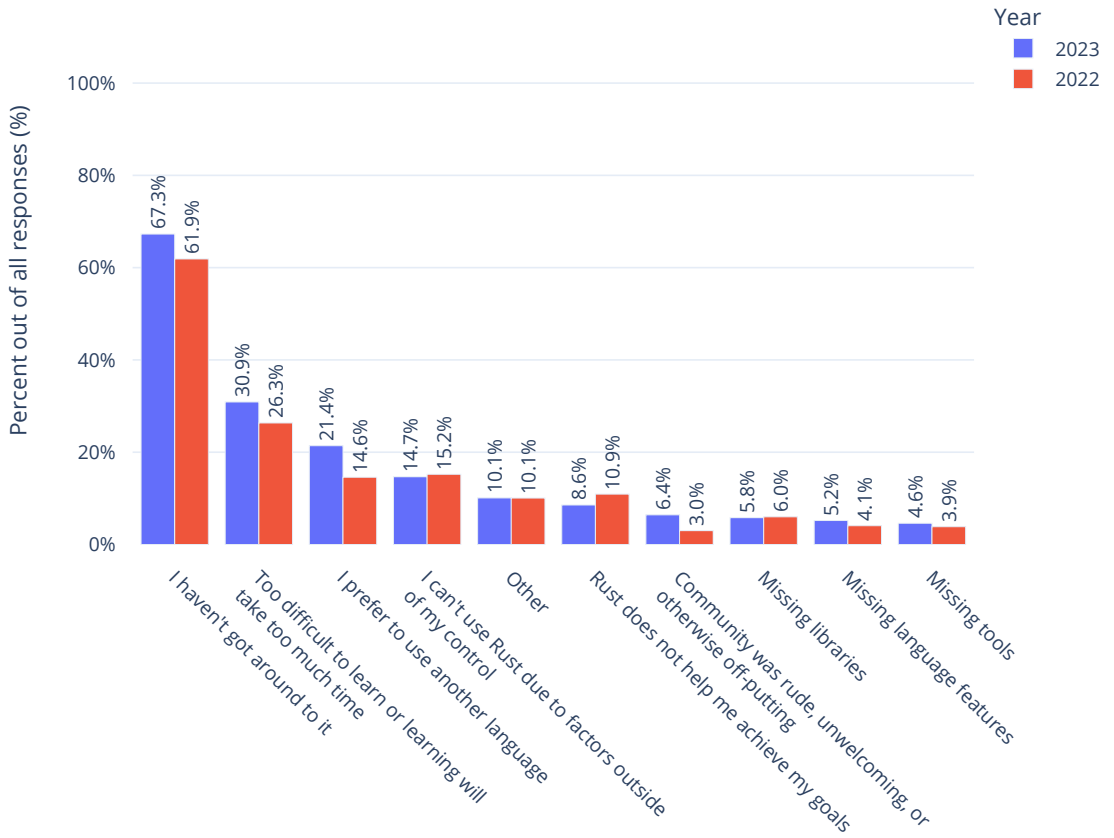


Wordcloud of open answers for the previous chart:

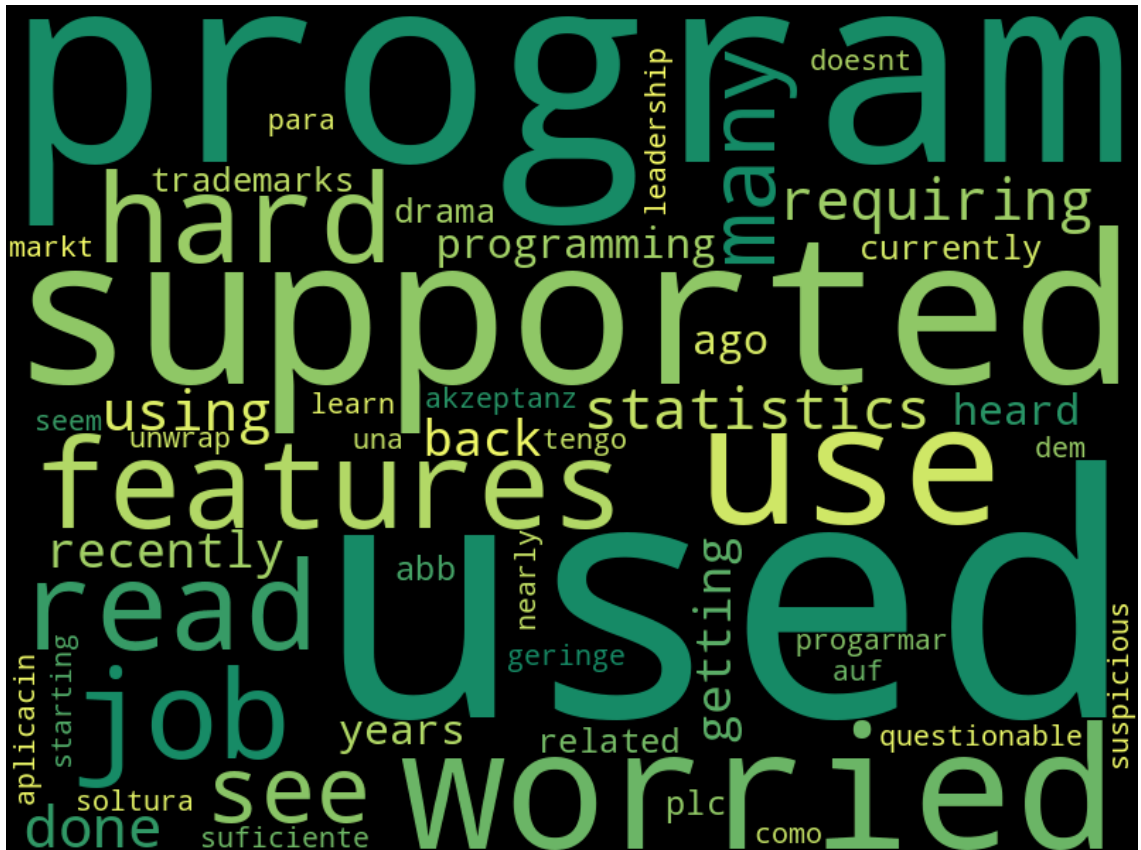


## Why don't you use Rust?

(total responses = 327, multiple answers)

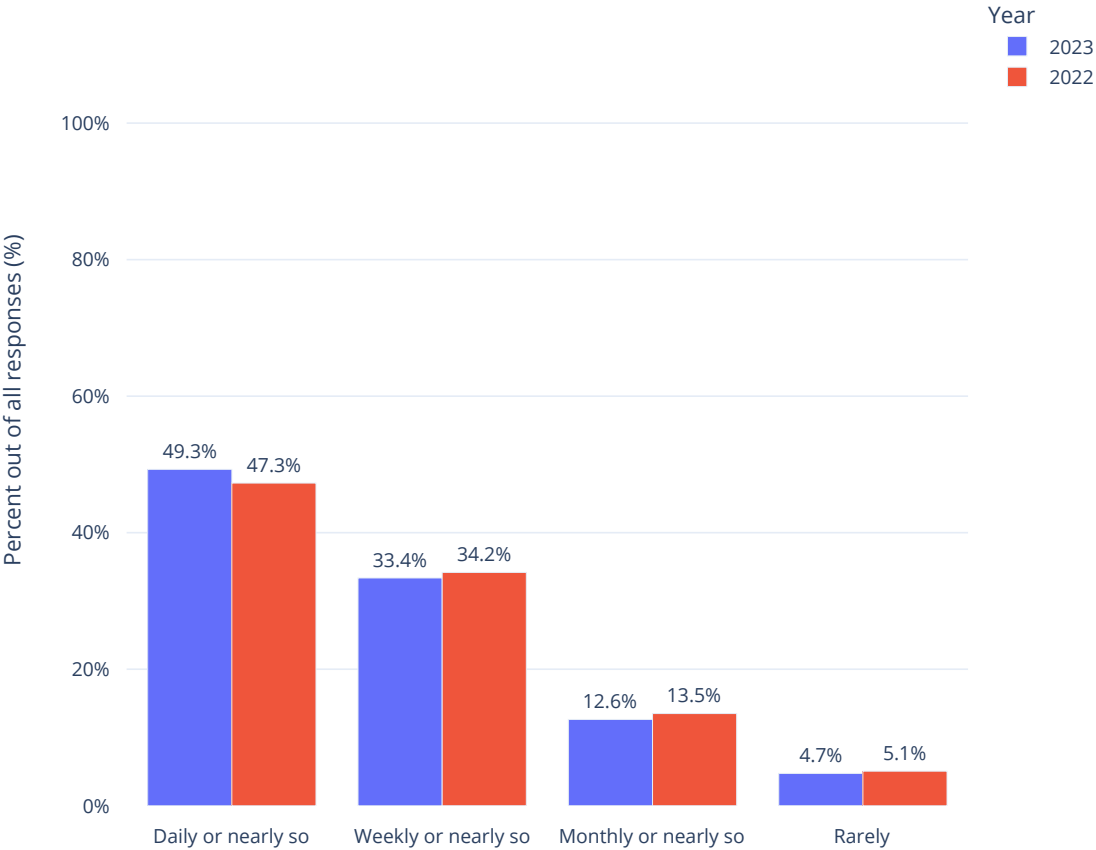


Wordcloud of open answers for the previous chart:



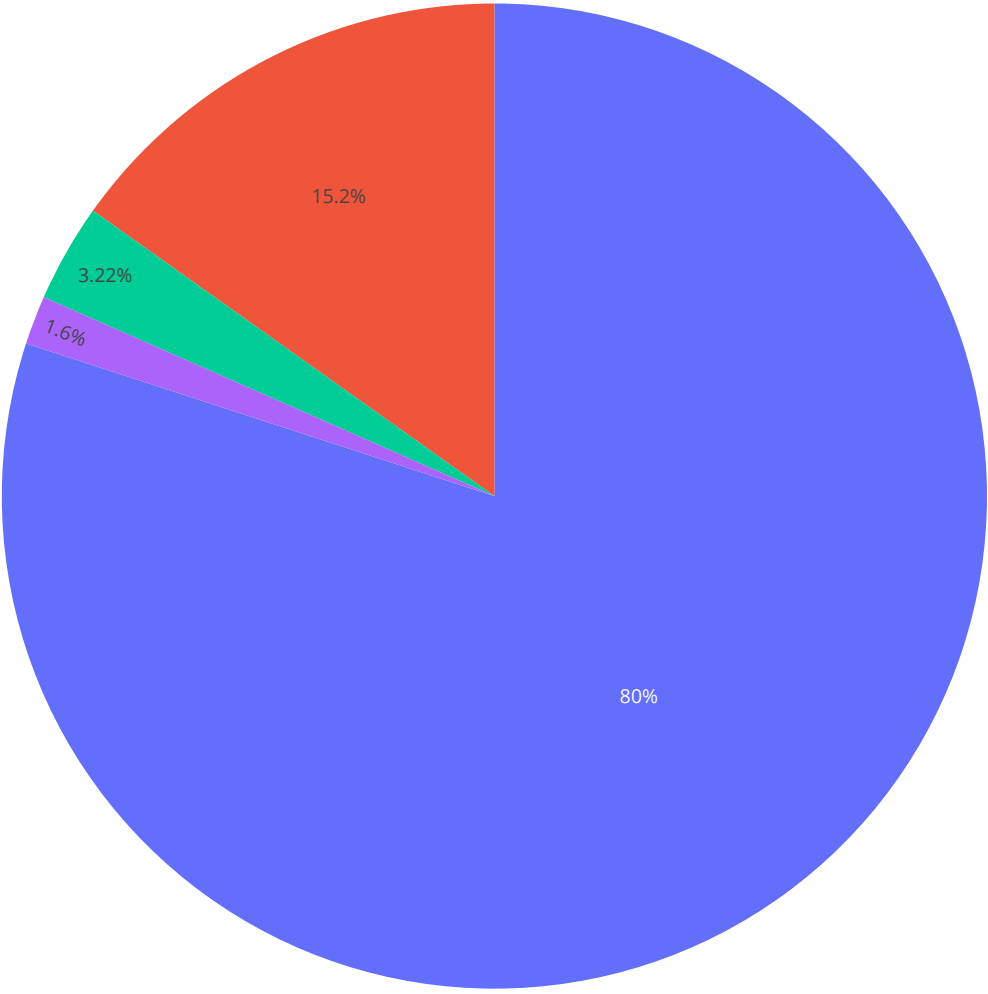
# On average, how often do you use Rust?

(total responses = 10502, single answer)



**On average, how often do you do coding/design work in general?**

(total responses = 10492)

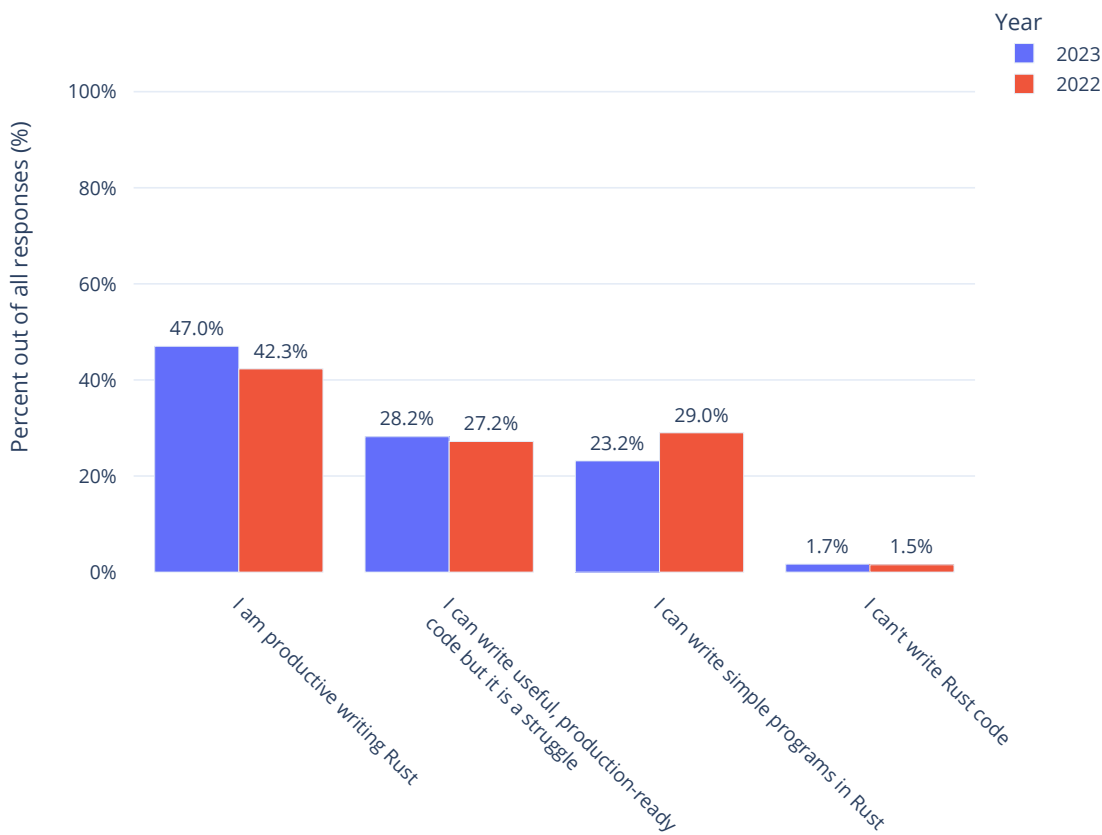


■ Daily or nearly so   ■ Weekly or nearly so   ■ Monthly or nearly so   ■ Rarely



# How would you rate your Rust expertise?

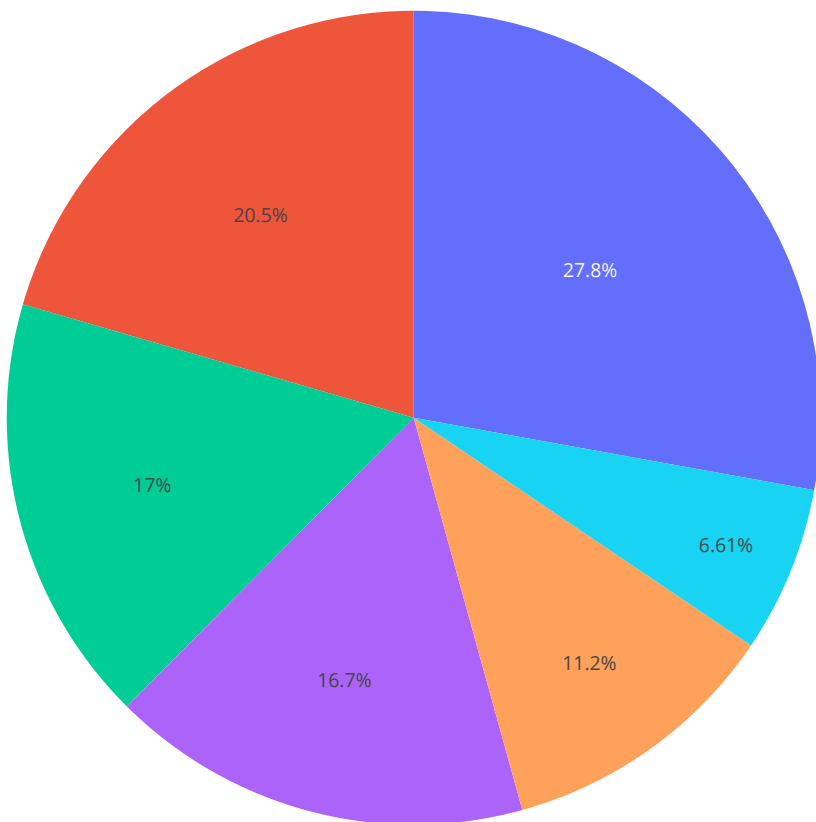
(total responses = 10496, single answer)



## When did you learn to program in Rust?

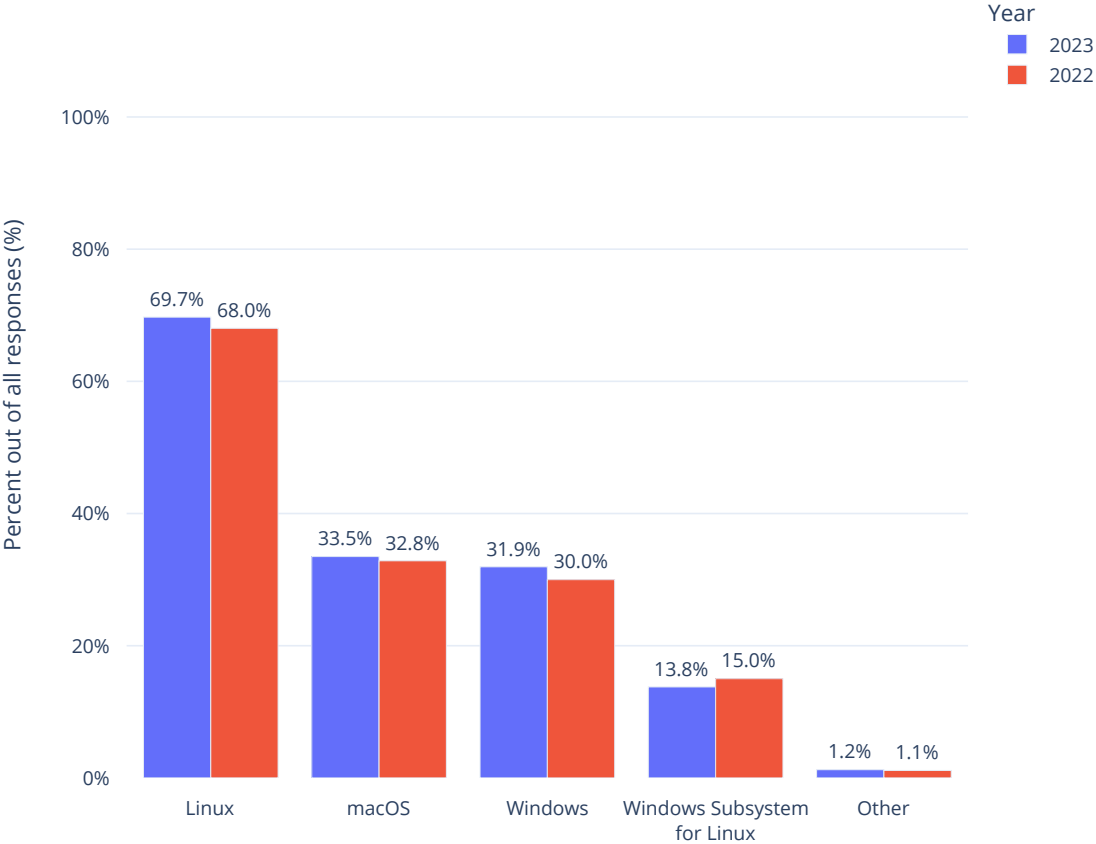
(total responses = 10490)

- During 2021 or 2022
- I am still actively trying to learn Rust
- During 2019 or 2020
- During 2023
- During 2017 or 2018
- During 2016 or before

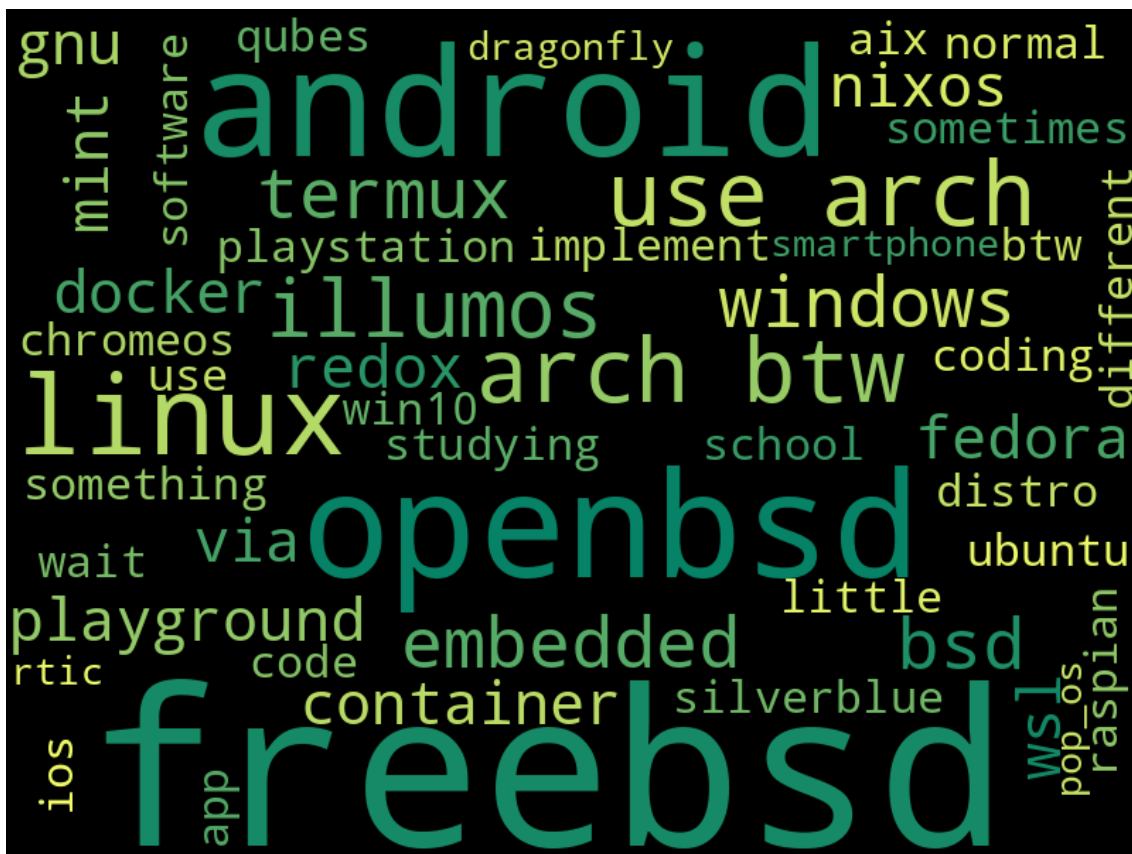


# Which operating systems do you use regularly for Rust development?

(total responses = 10500, multiple answers)

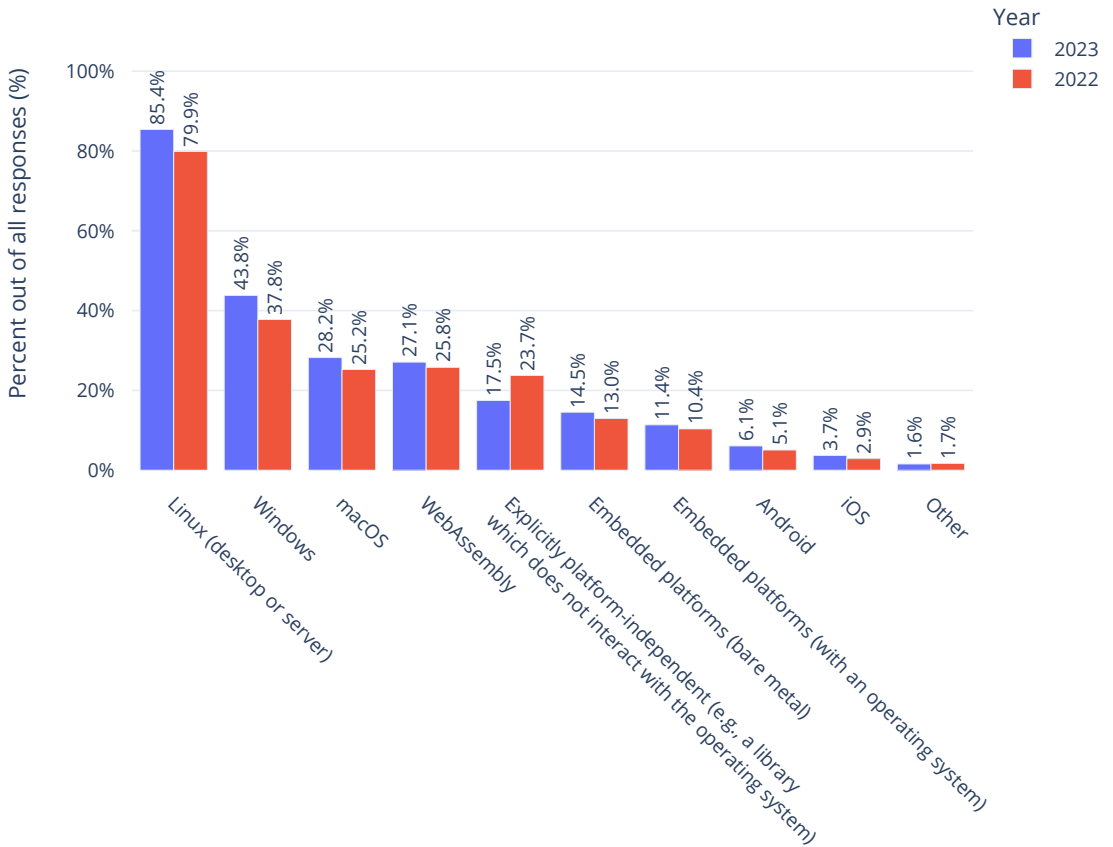


Wordcloud of open answers for the previous chart:

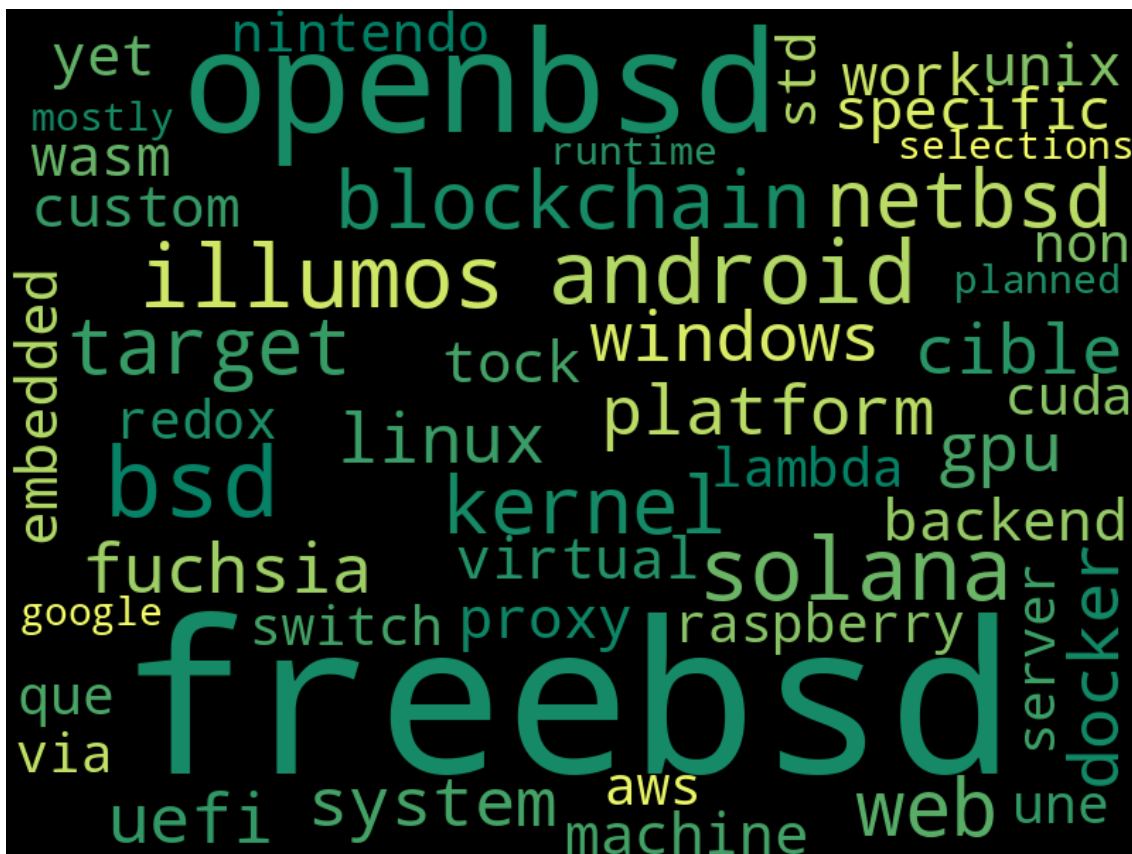


## Which operating systems or runtimes do you develop Rust software for?

(total responses = 10433, multiple answers)

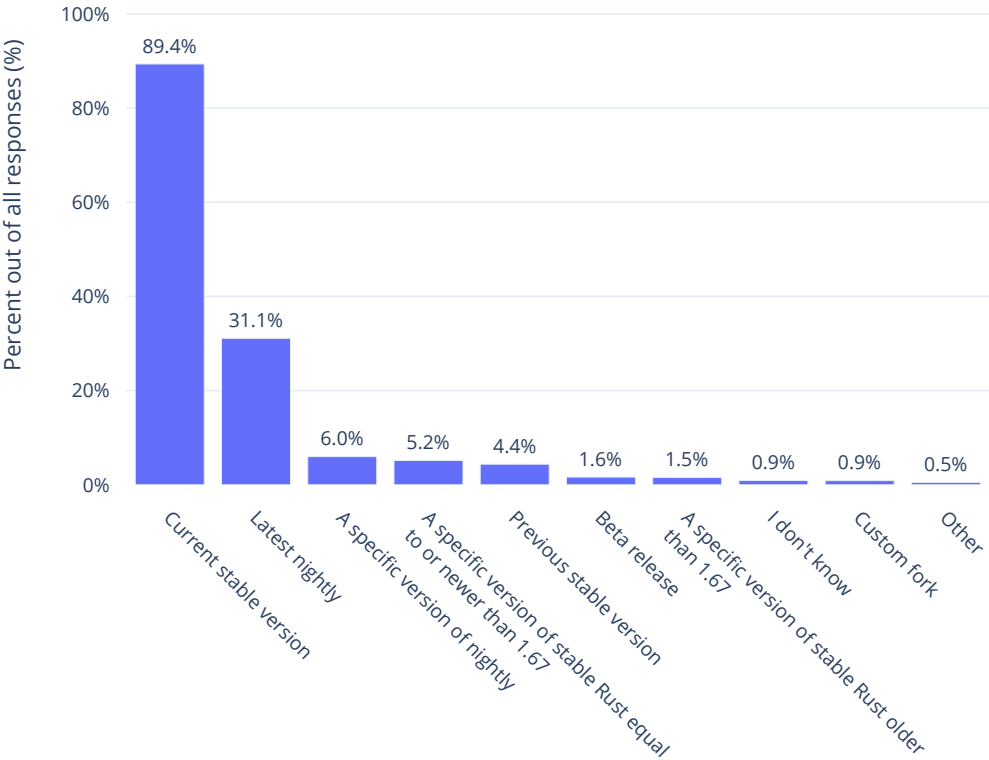


Wordcloud of open answers for the previous chart:



# Which version(s) of Rust do you use for local development?

(total responses = 10490, multiple answers)



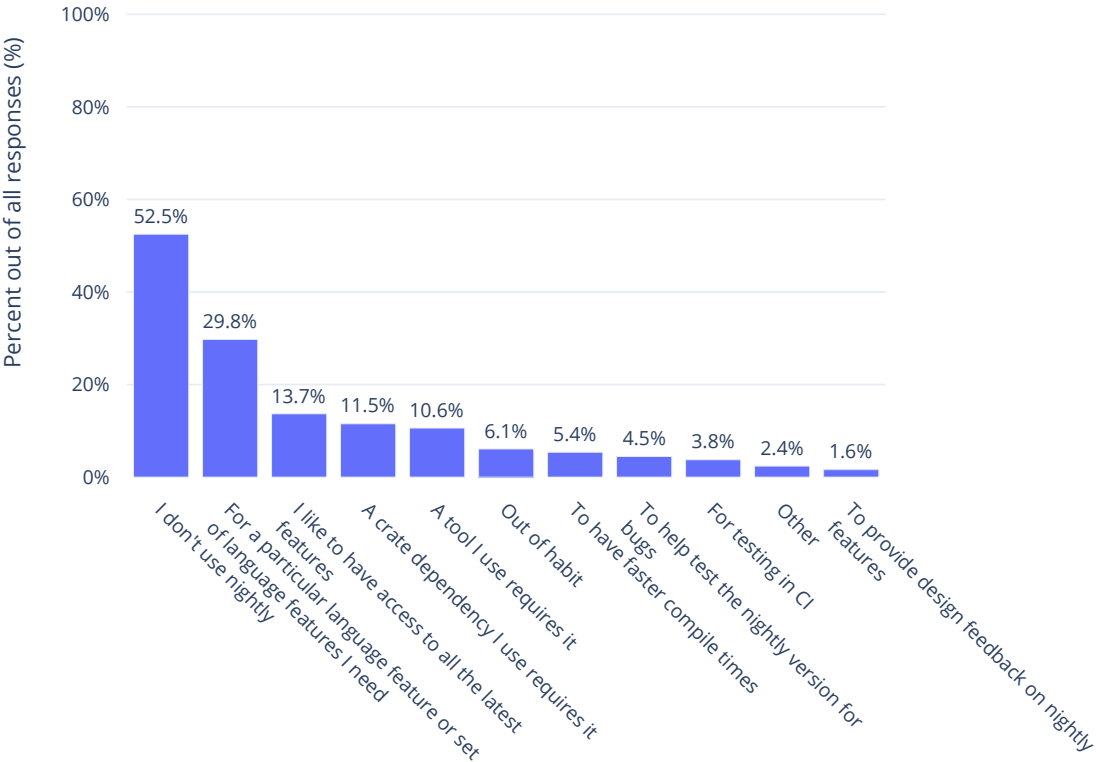
Wordcloud of open answers for the previous chart:



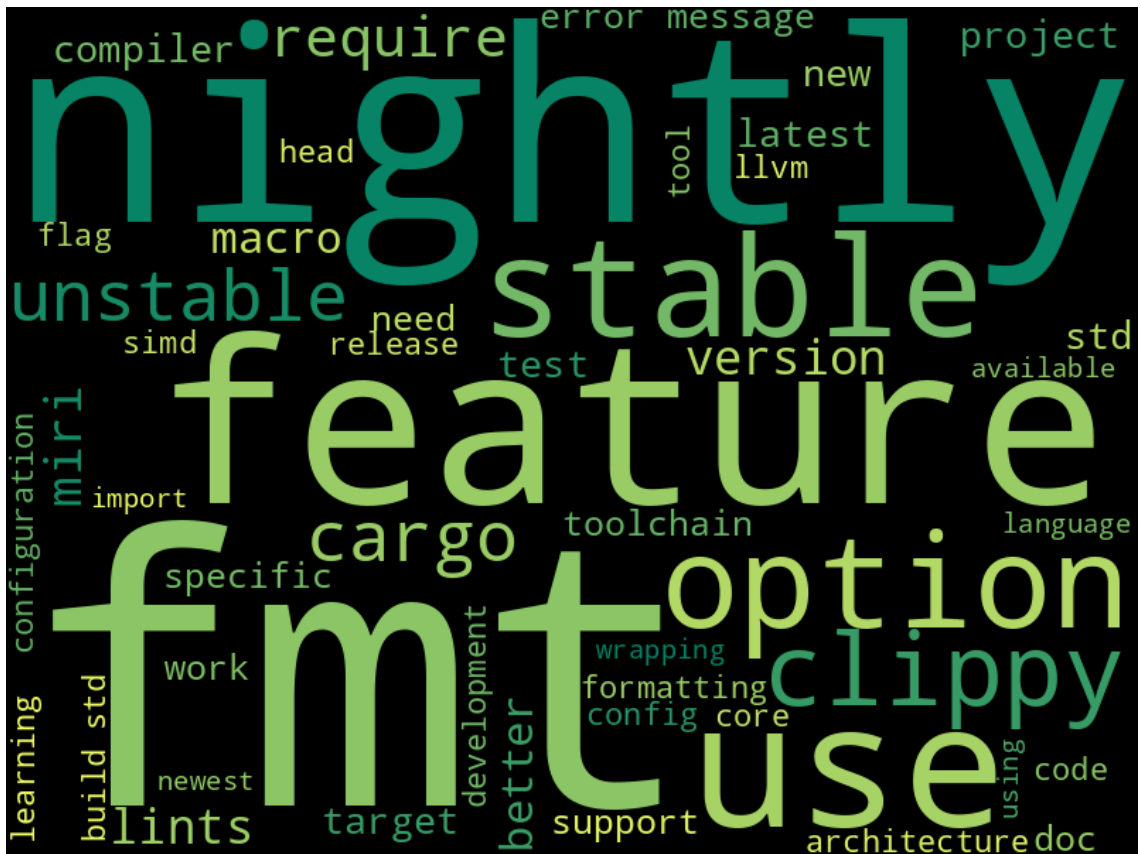


# If you use nightly, why?

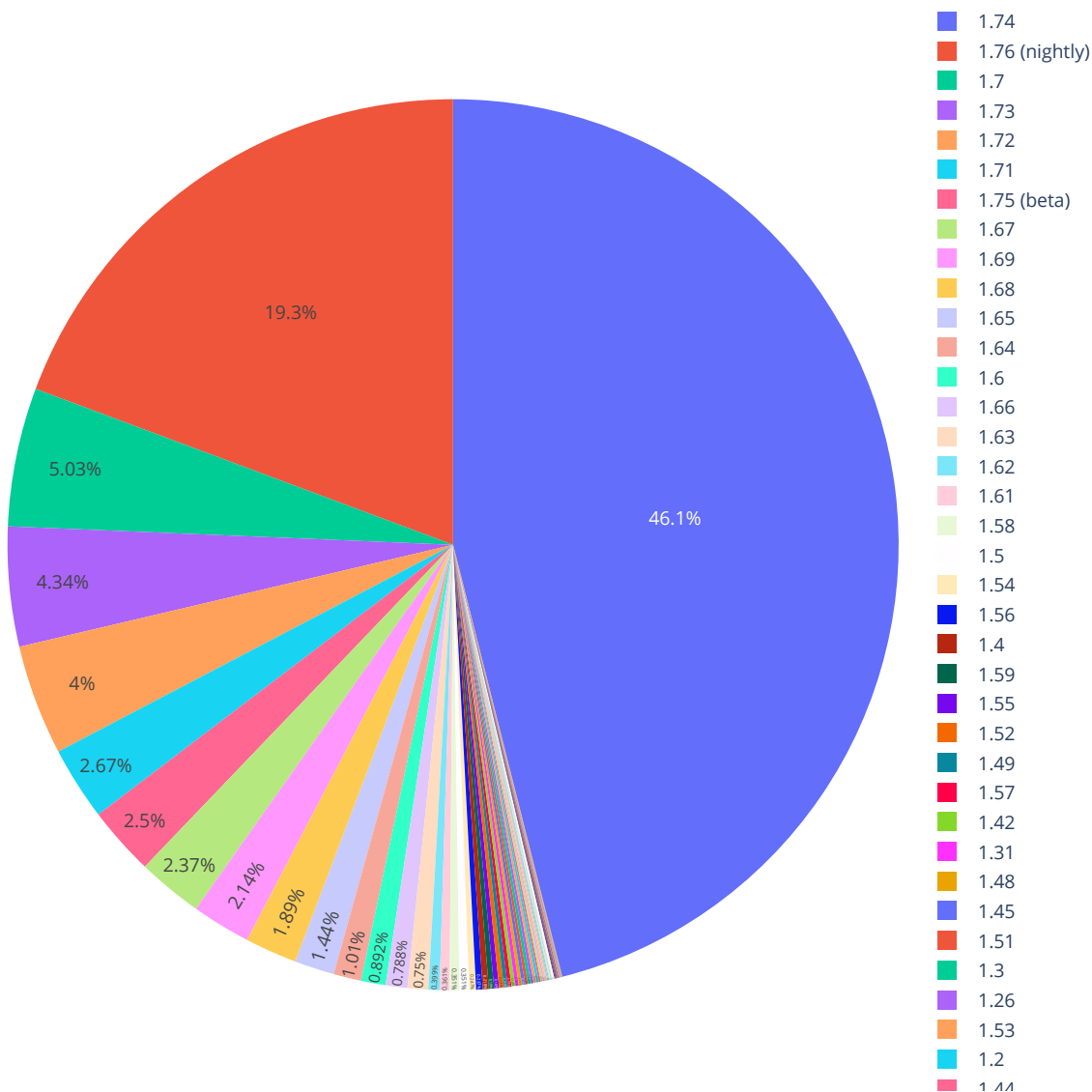
(total responses = 9638, multiple answers)



Wordcloud of open answers for the previous chart:

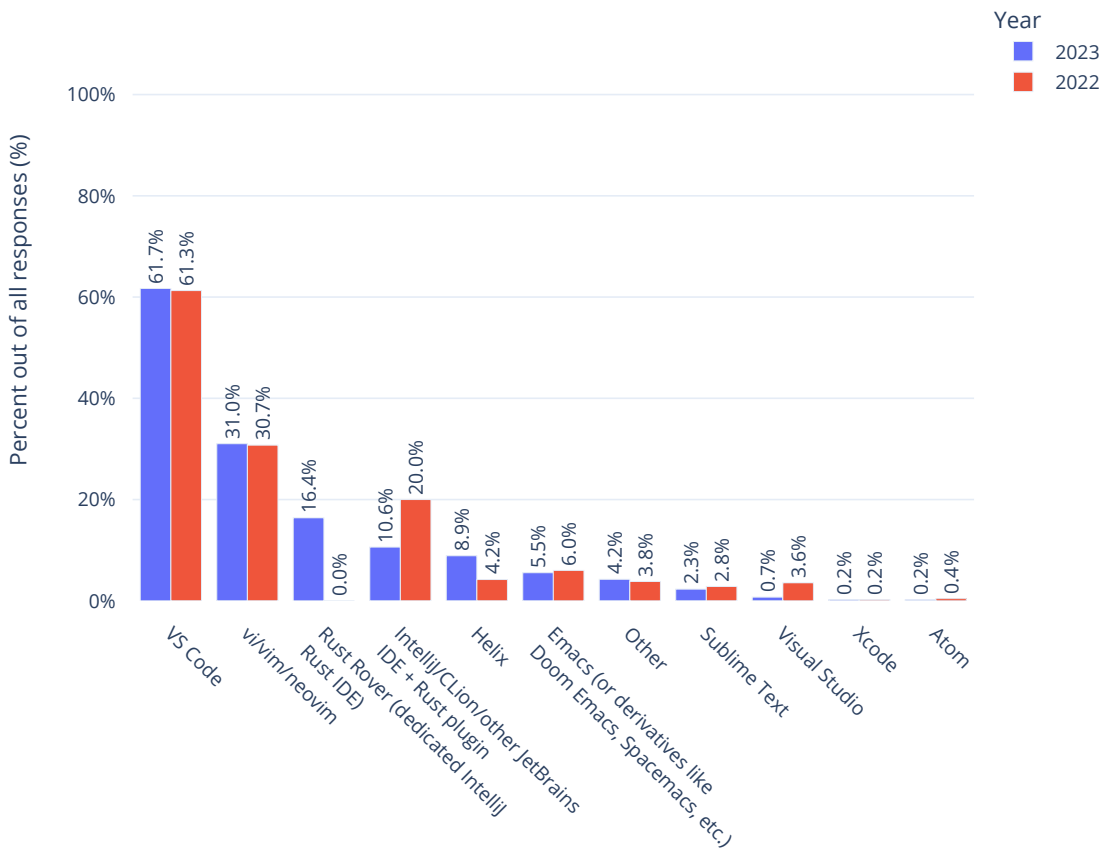


(total responses = 10538)

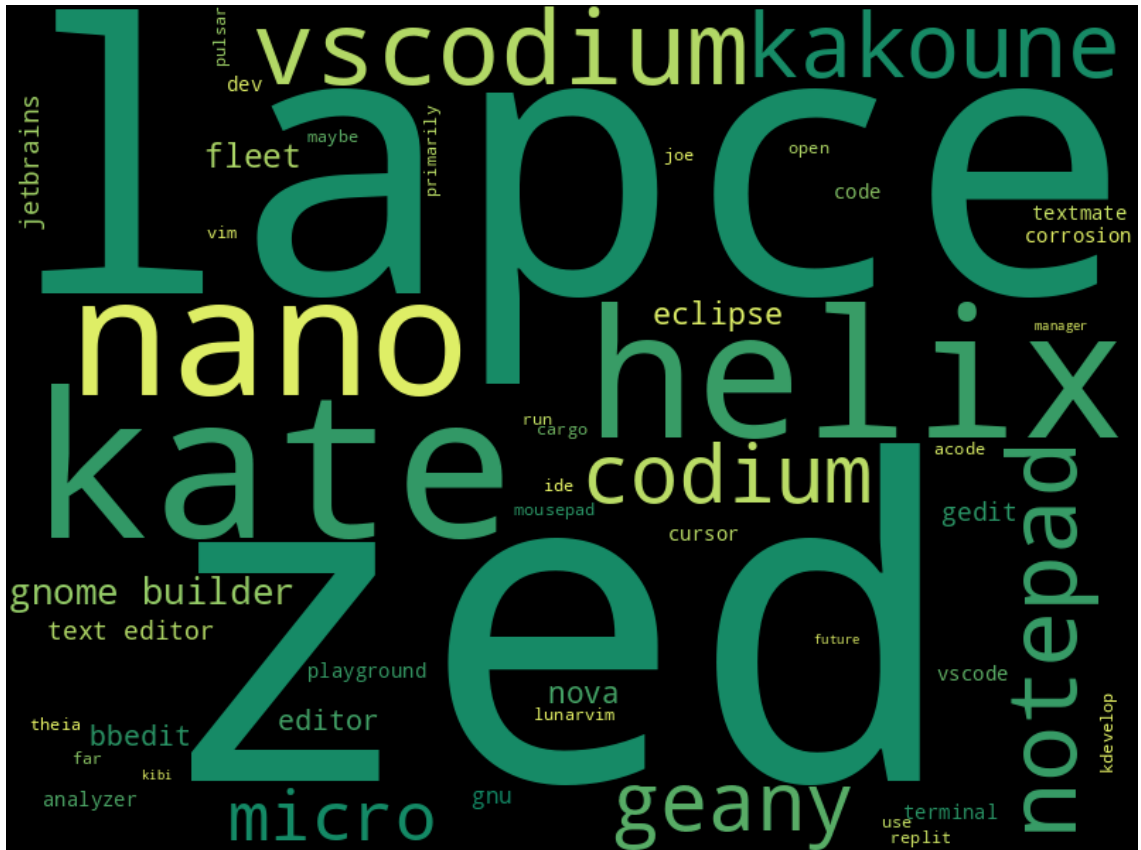


## Which editor or IDE setup do you use with Rust code on a regular basis?

(total responses = 10480, multiple answers)

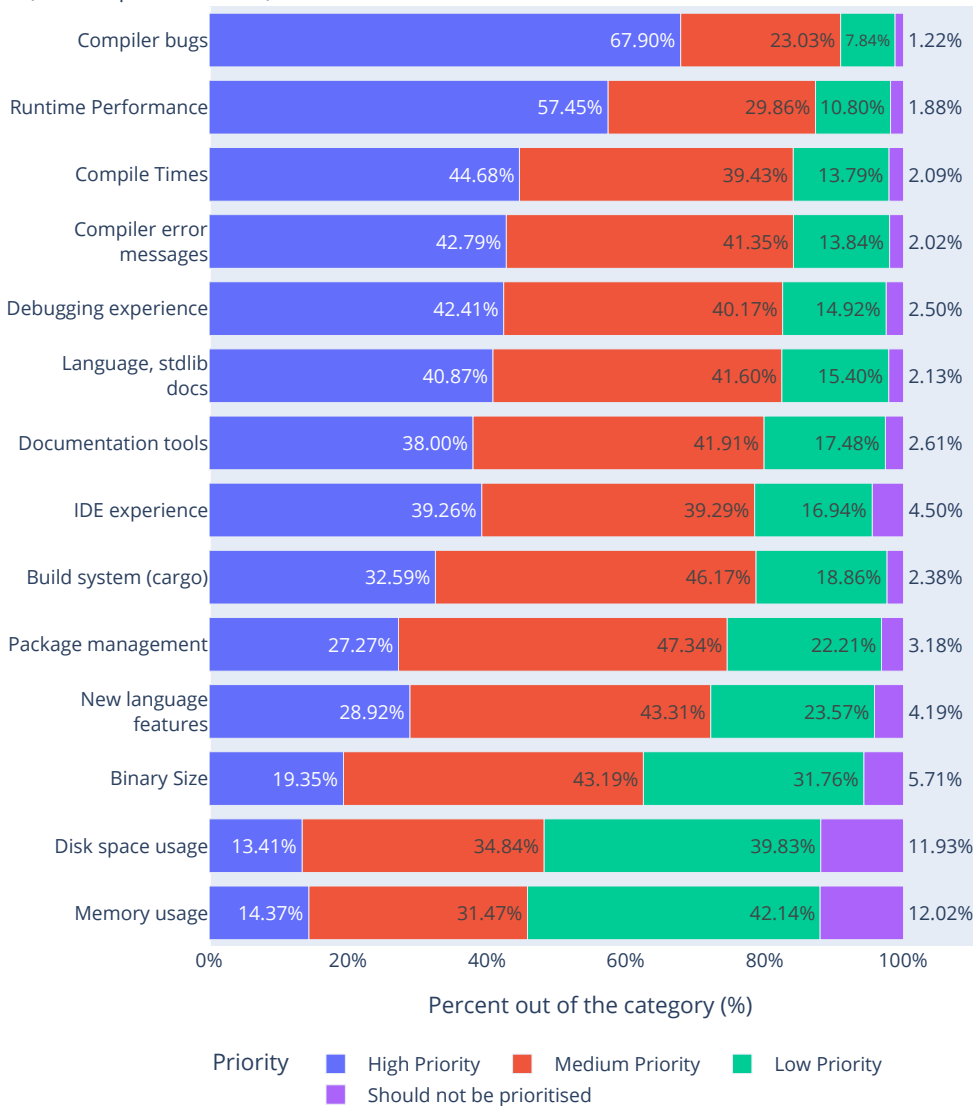


Wordcloud of open answers for the previous chart:



## In your opinion, how should work on the following aspects of Rust be prioritised?

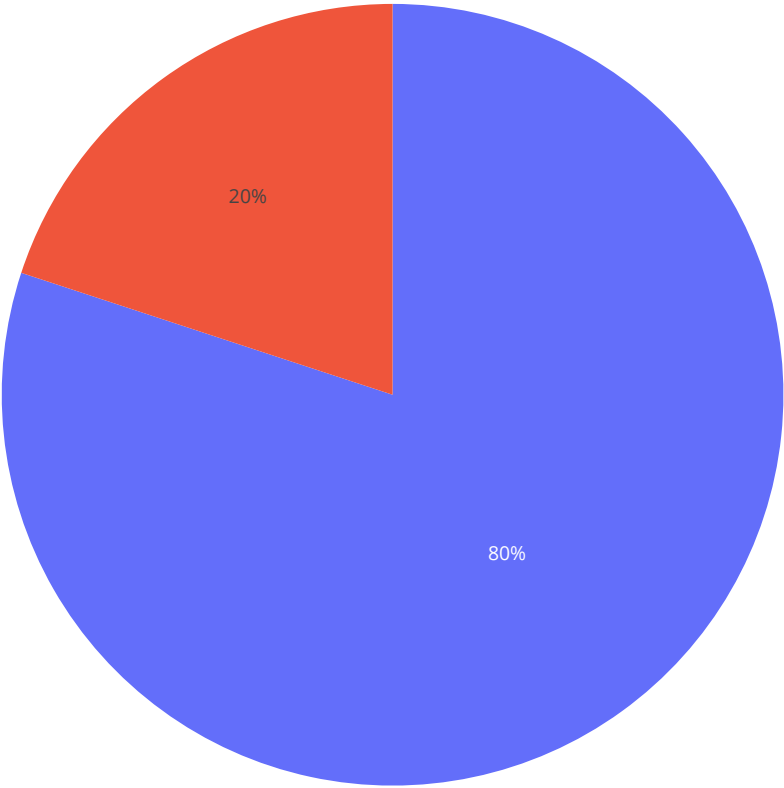
(total responses = 9527)



**Do you think that unimplemented (or nightly only) features should be stabilised in Rust?**

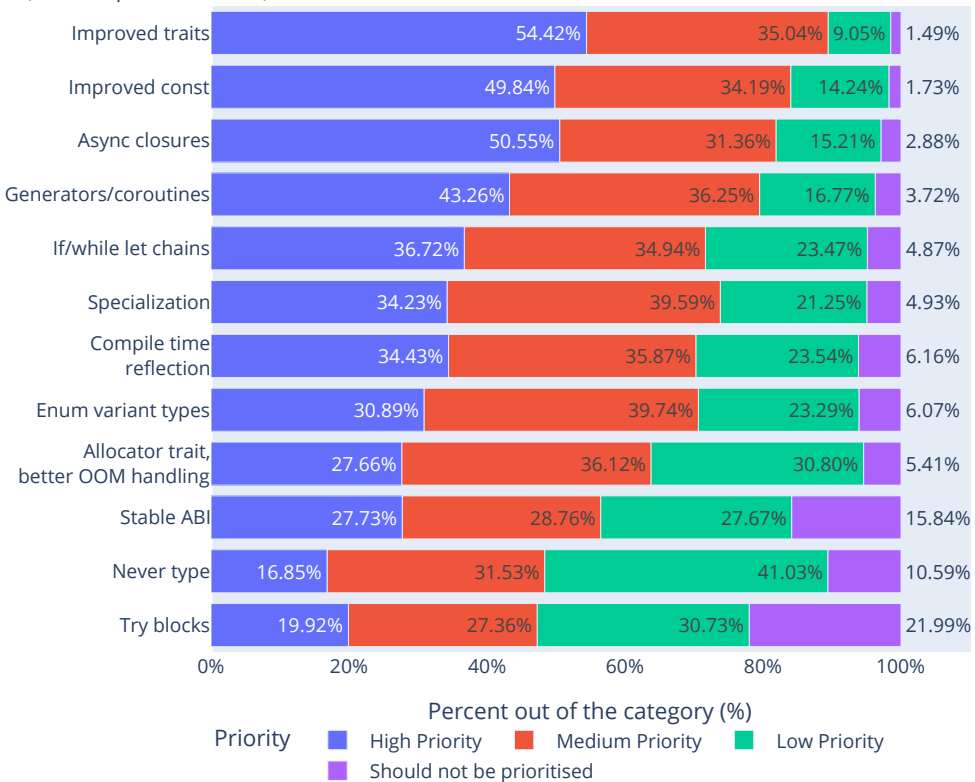
(total responses = 8937)

- I think that unimplemented features should be stabilised
- I wish the Rust project to not add major new features (or slow down the pace of development)



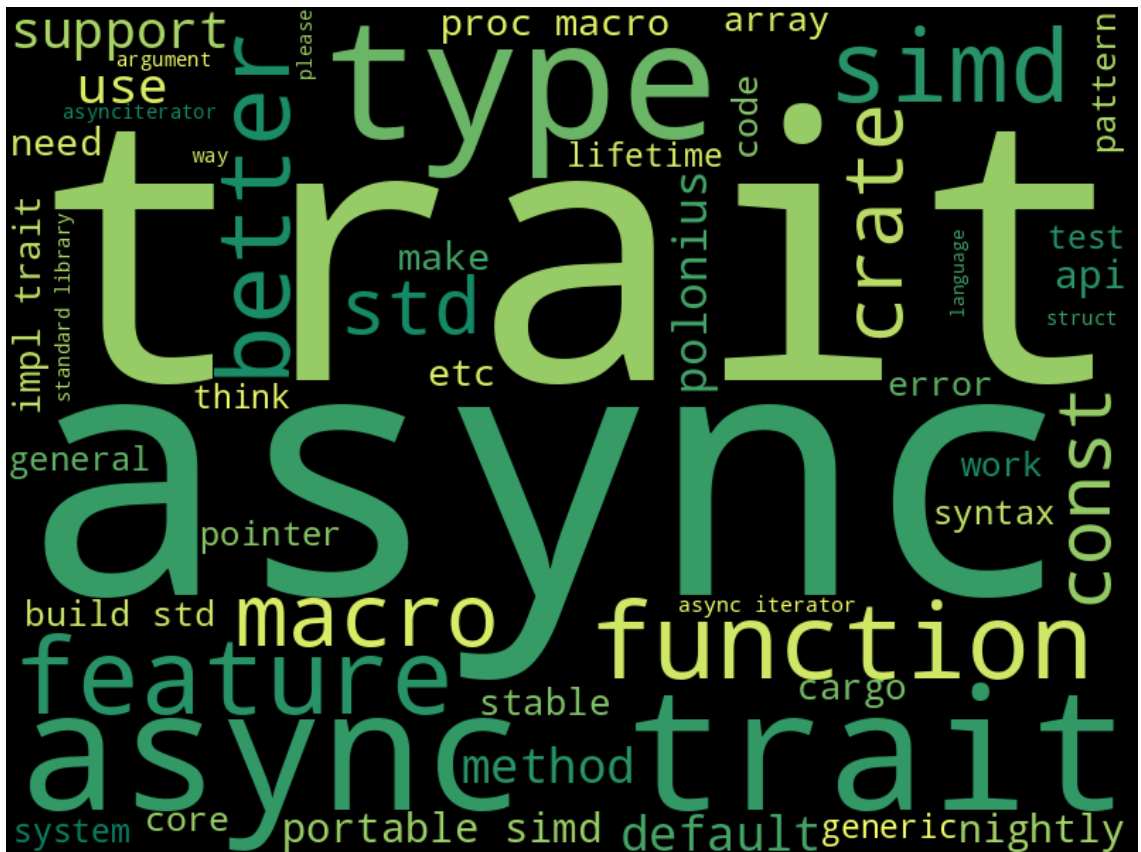
## Which unimplemented (or nightly only) features are you looking for to be stabilized?

(total responses = 6737)



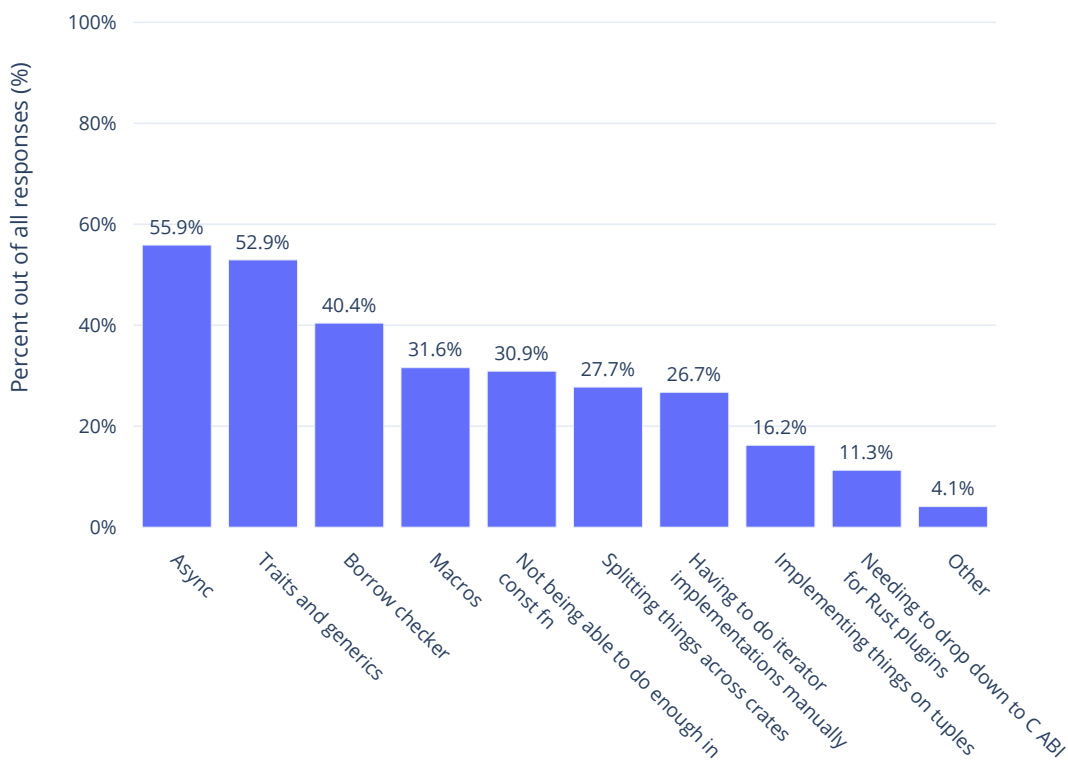


Wordcloud of open answers for the previous chart:

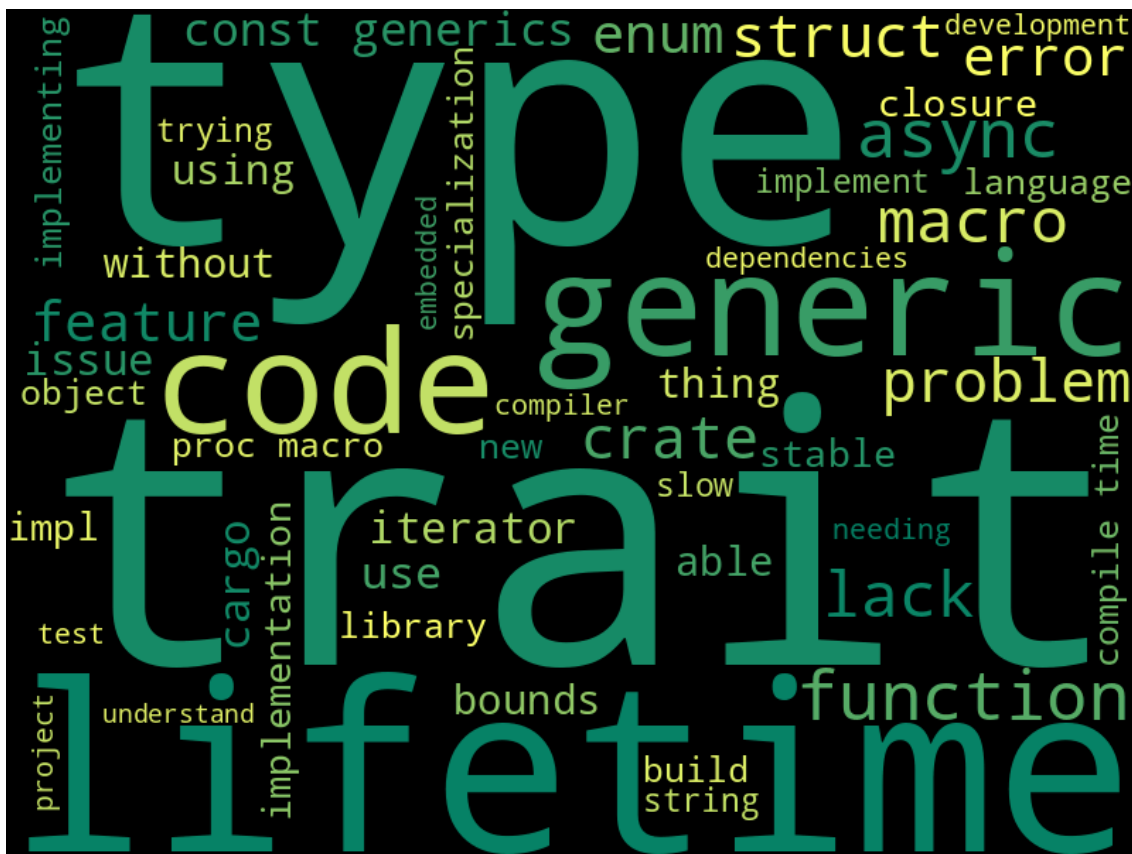


## Which of these problems do you recall encountering within the last year?

(total responses = 8635, multiple answers)

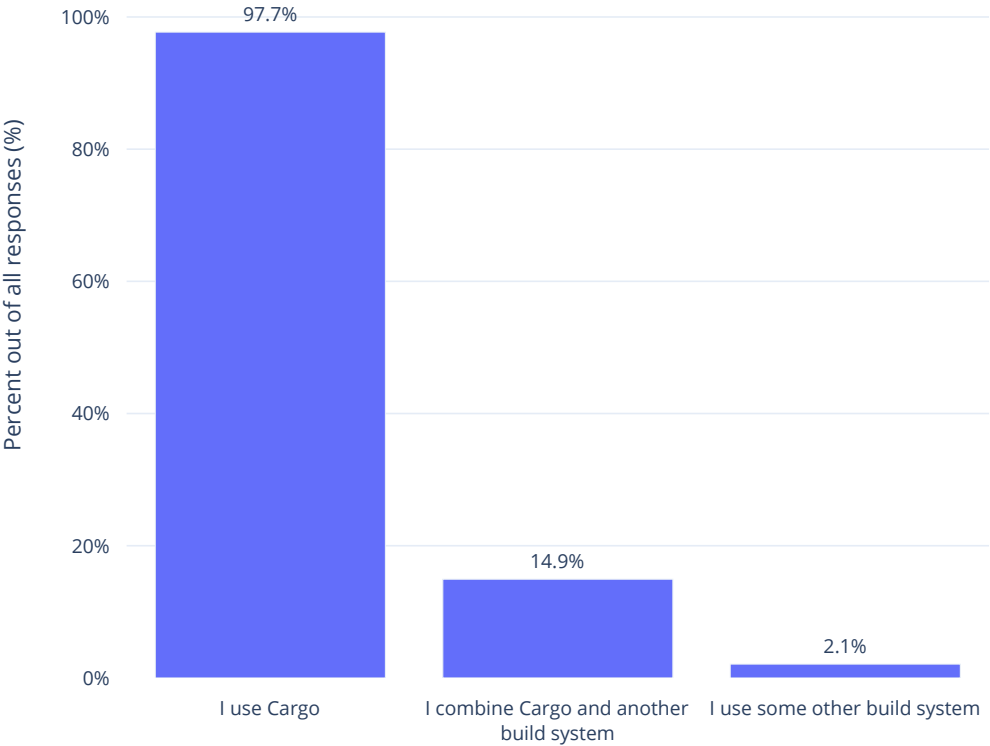


Wordcloud of open answers for the previous chart:



# How do you build your Rust projects

(total responses = 9635, multiple answers)

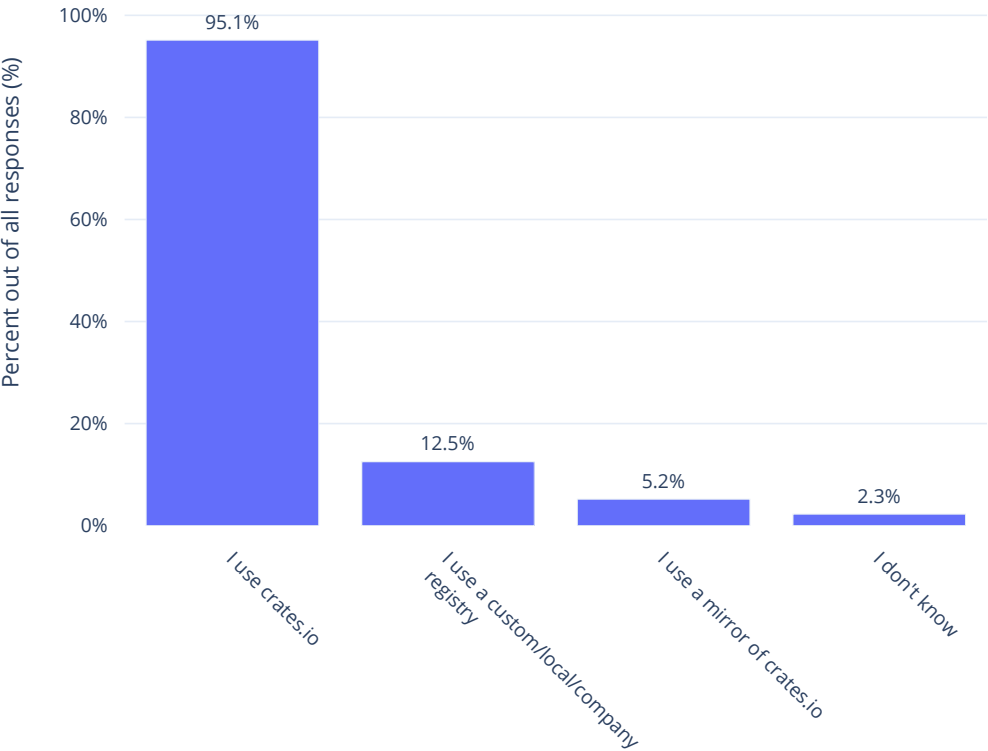


Wordcloud of open answers for the previous chart:



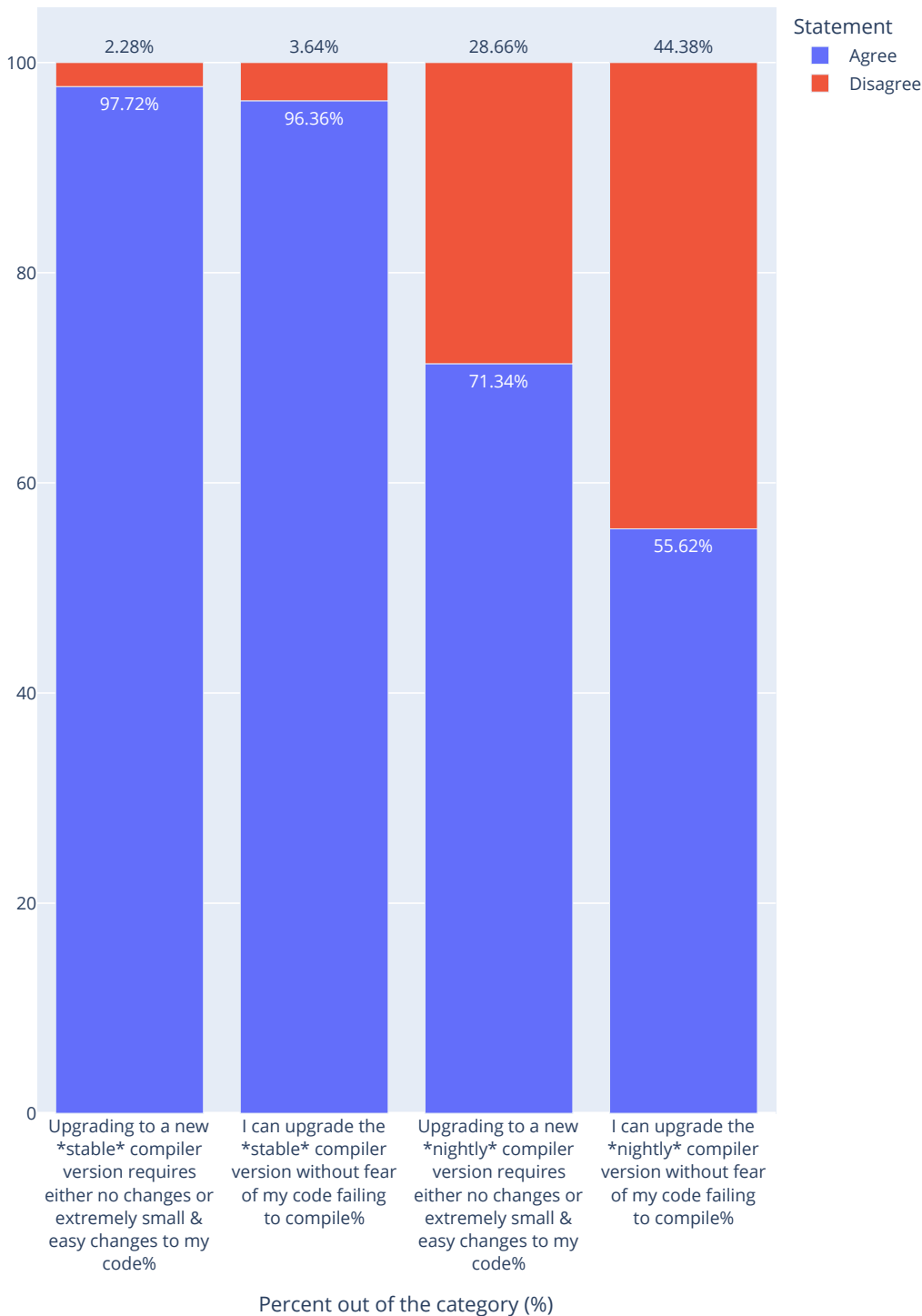
# How do you download crates to build Rust projects?

(total responses = 9598, multiple answers)



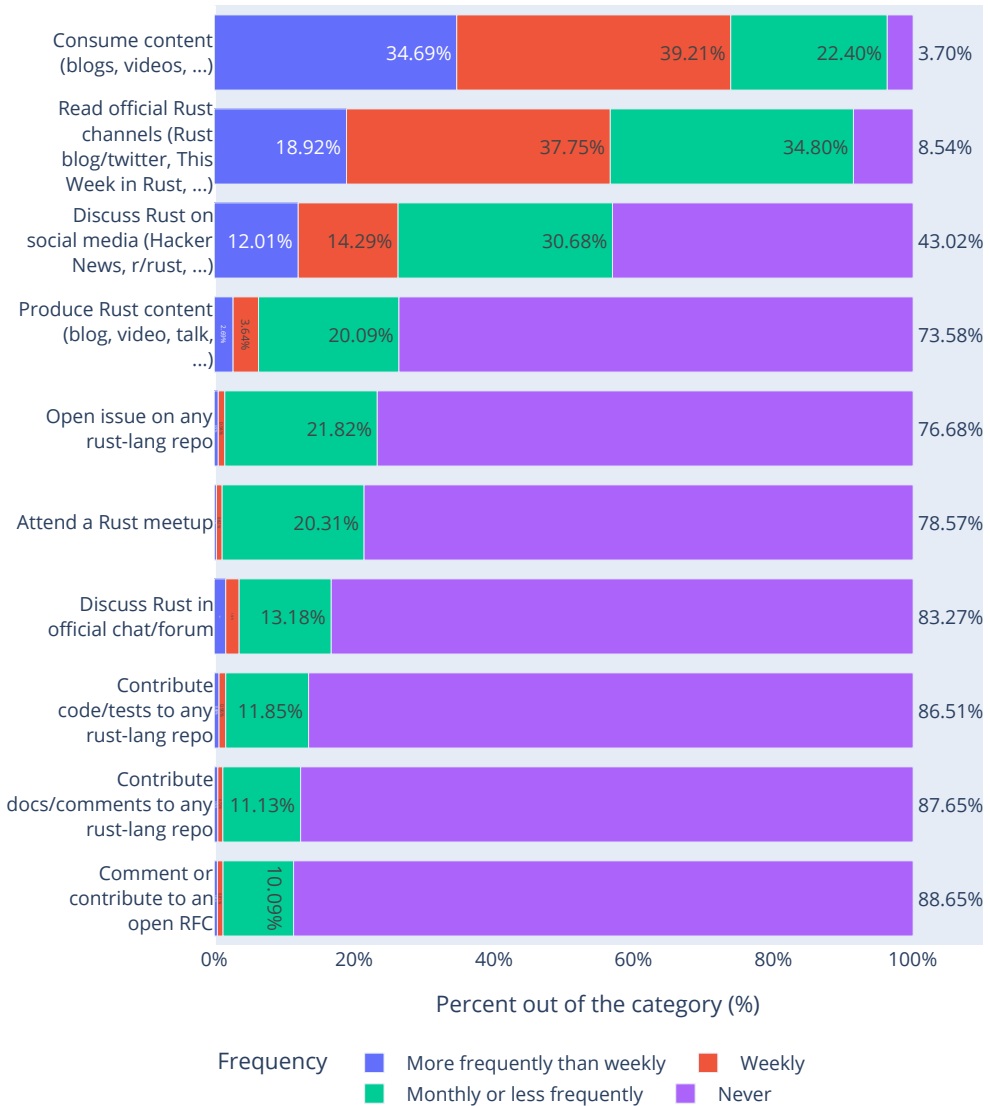
# Do you agree with the following statements on Rust stability?

(total responses = 9405)



## Roughly how often do you engage in the following Rust community activities?

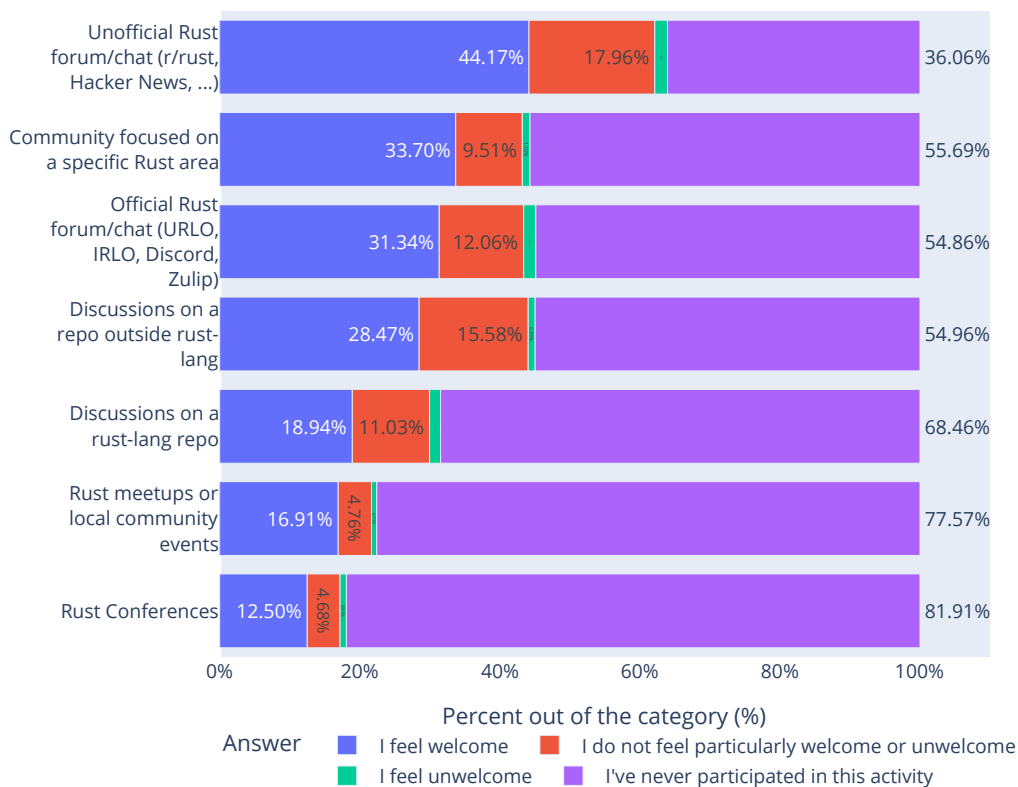
(total responses = 9268)





## What has your experience been like in the following Rust community spaces?

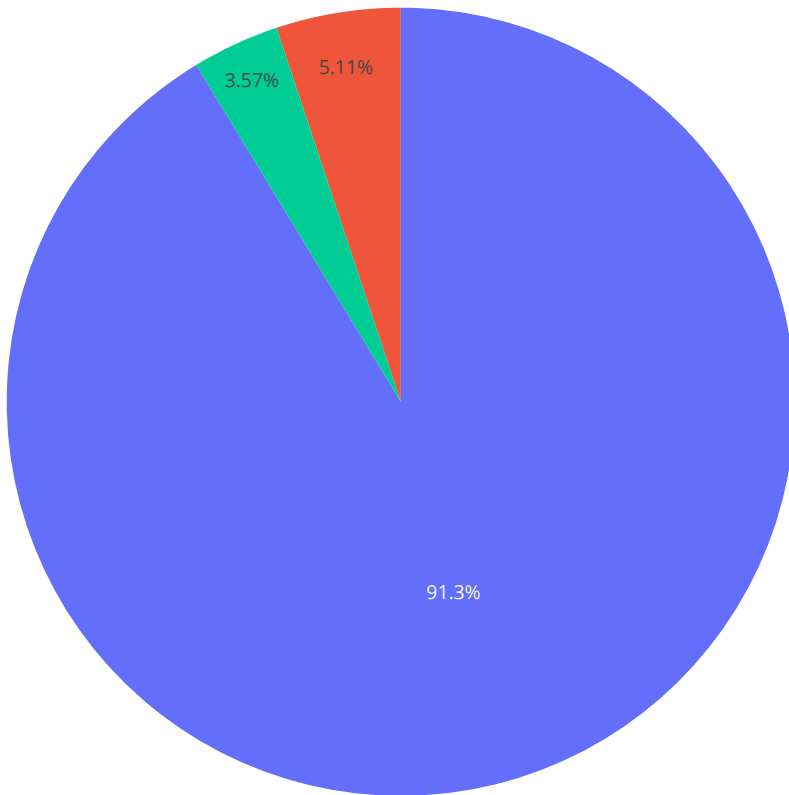
(total responses = 9059)



## Are you currently taking a course that uses or teaches Rust OR have you taken a course of this type in the last year?

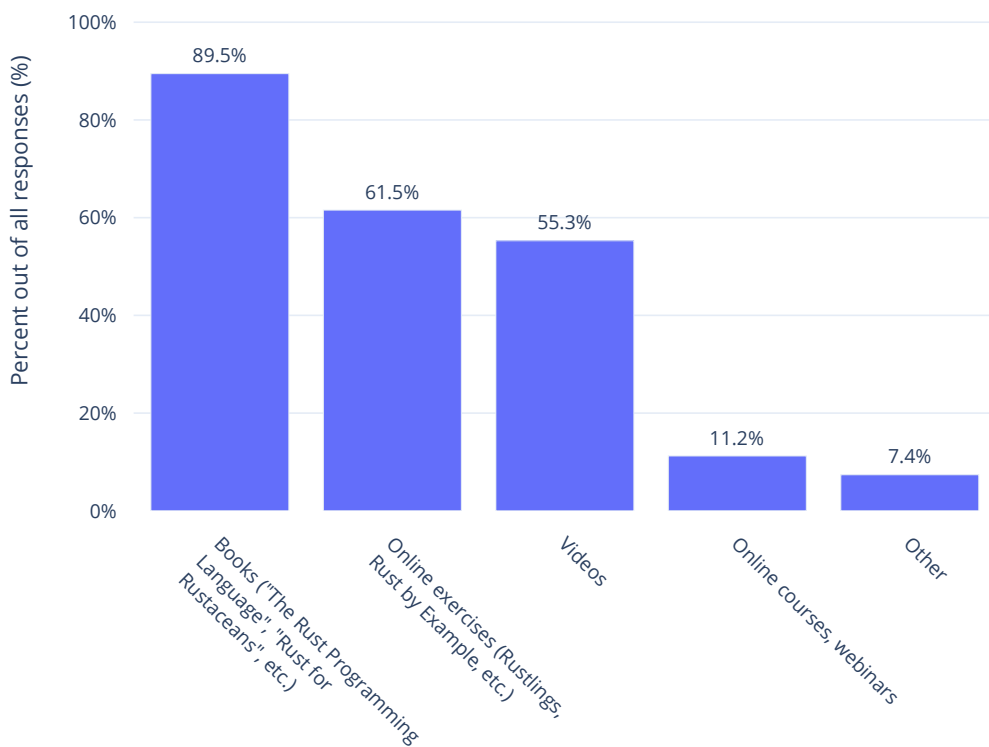
(total responses = 9232)

- No
- Yes, through a university, school, or other educational institution
- Yes, through my employer, contractor, or consultancy

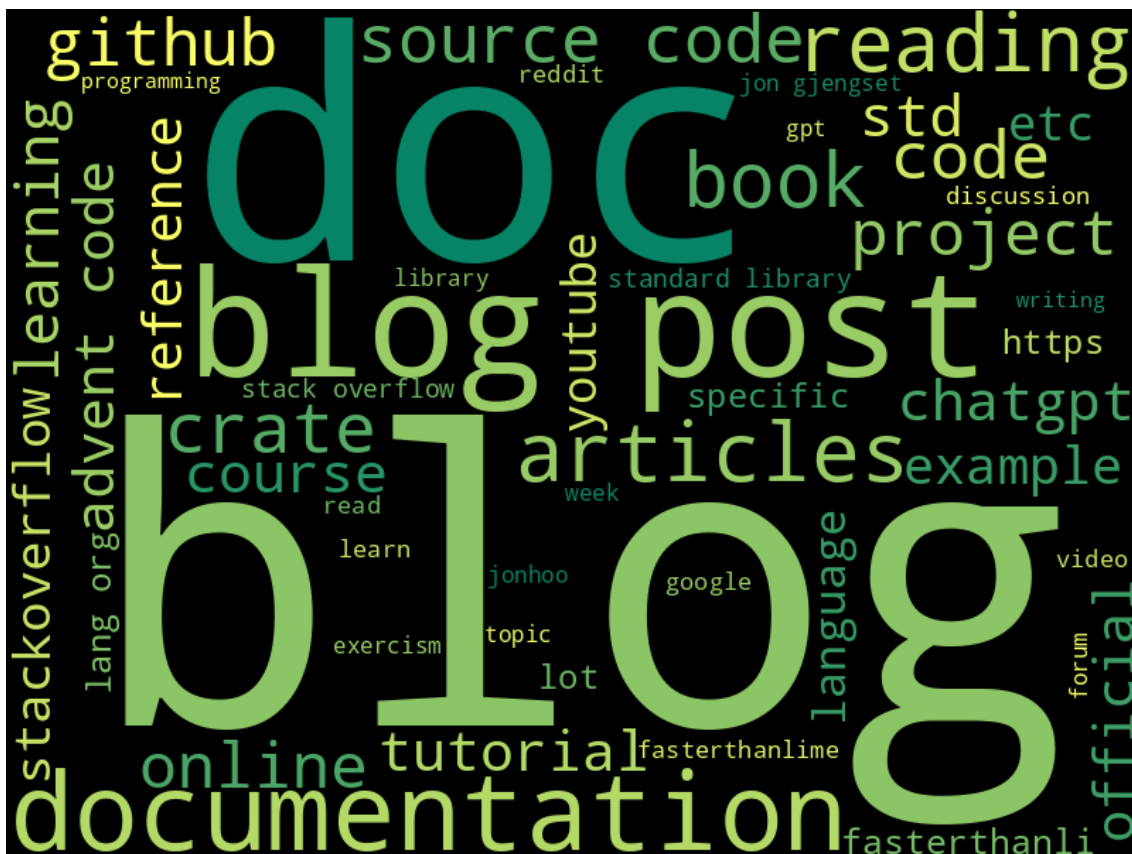


## If you consumed learning material about Rust, which kind of material did you consume?

(total responses = 8598, multiple answers)



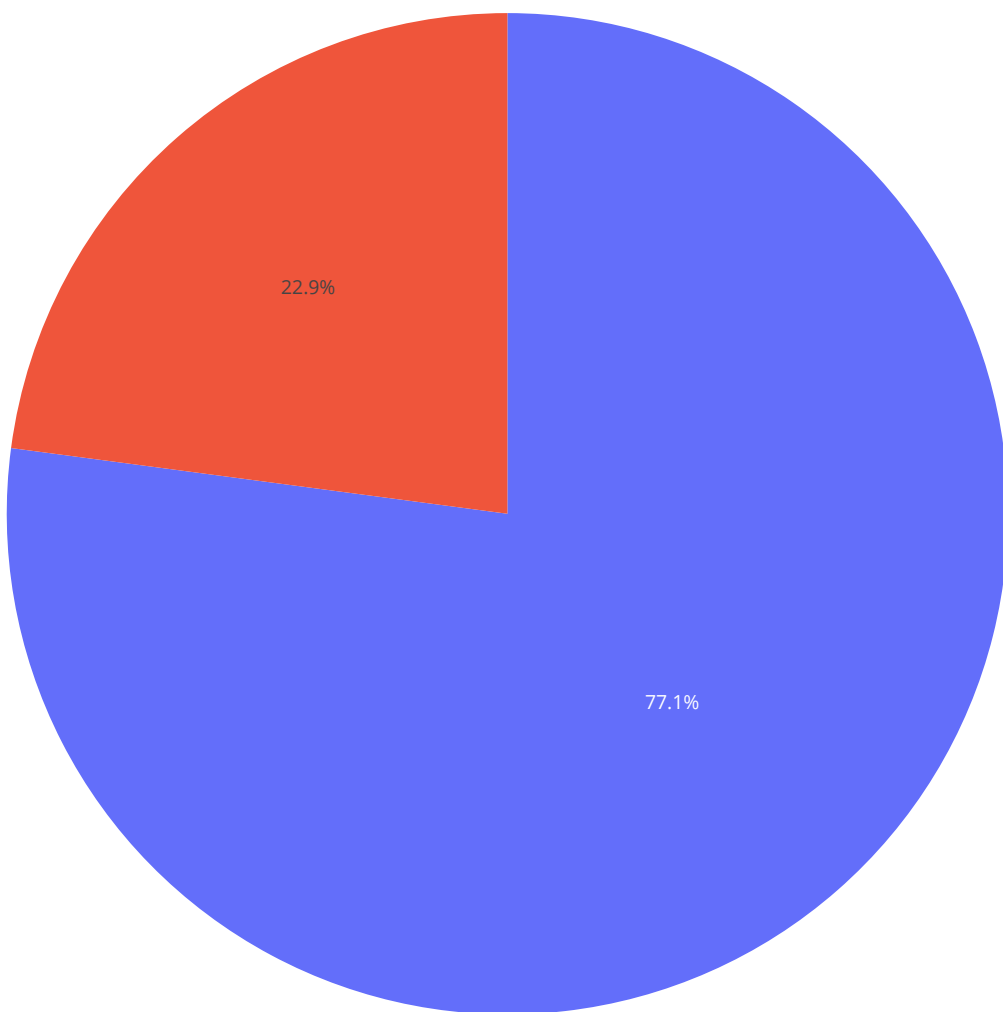
Wordcloud of open answers for the previous chart:



# Are you employed full- or part-time (including paid internships)?

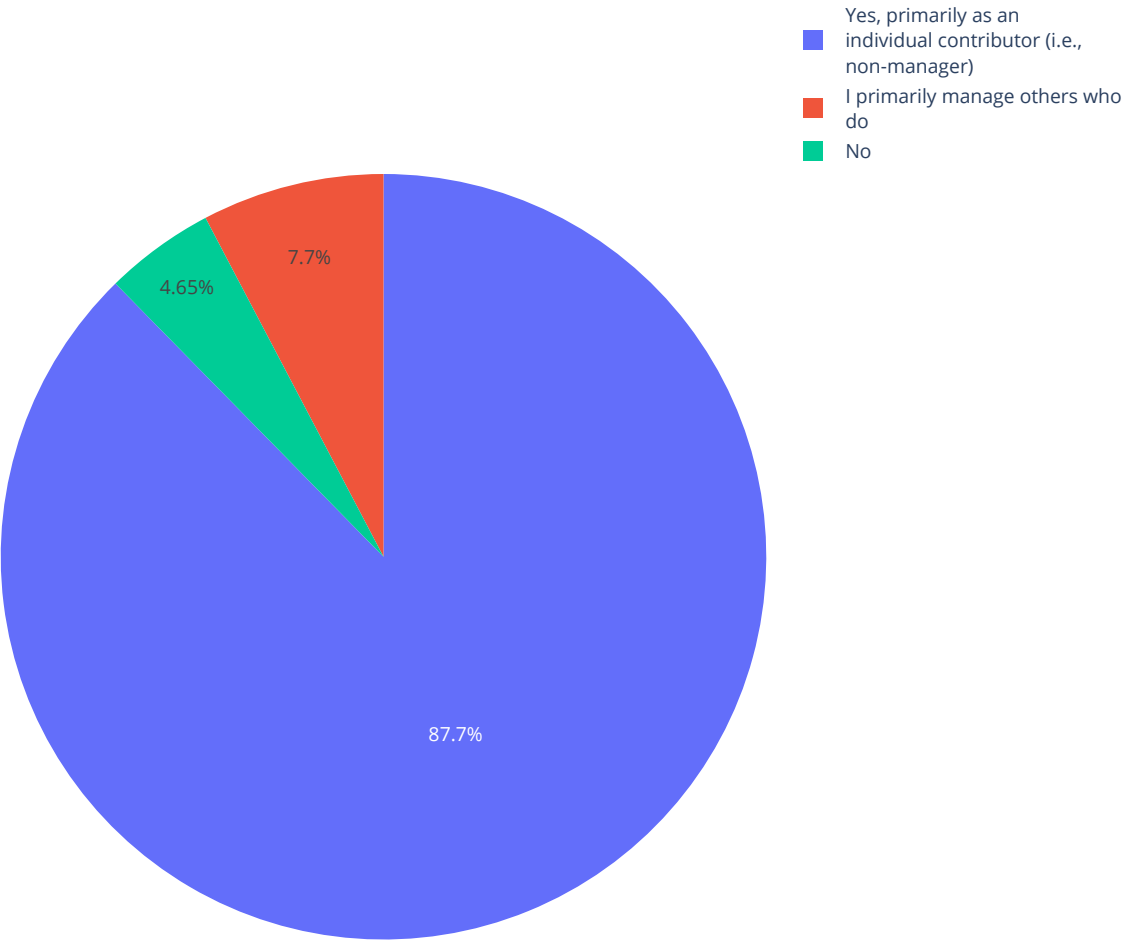
(total responses = 9915)

■ Yes  
■ No



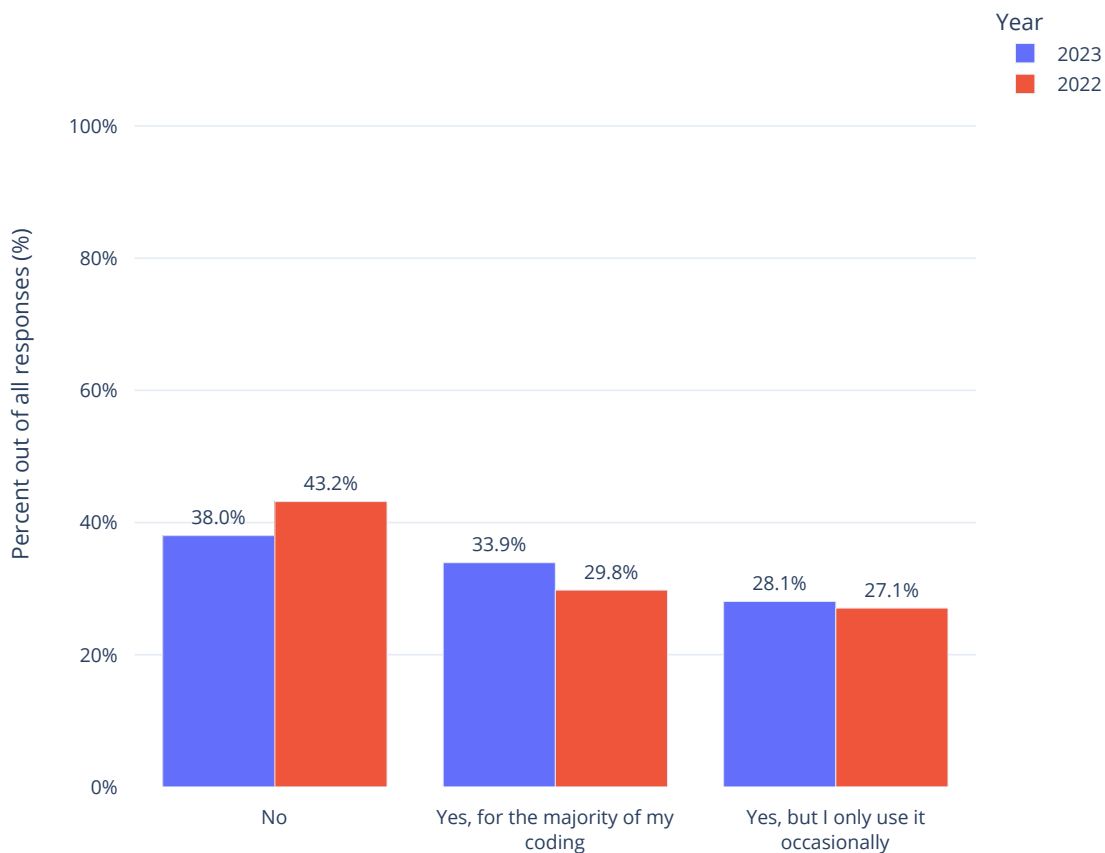
**Do you write or design software in your work?**

(total responses = 7637)



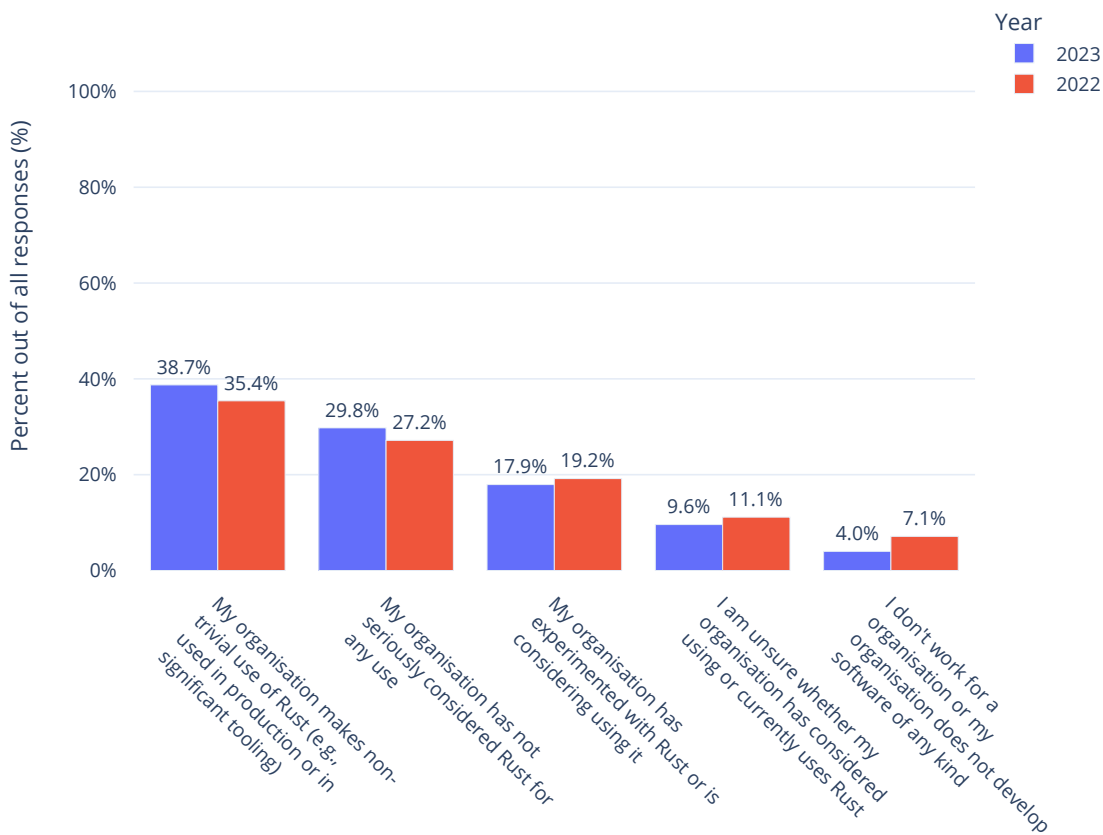
## Are you personally using Rust at work?

(total responses = 7234, single answer)



## To what extent is Rust currently being used by your organisation?

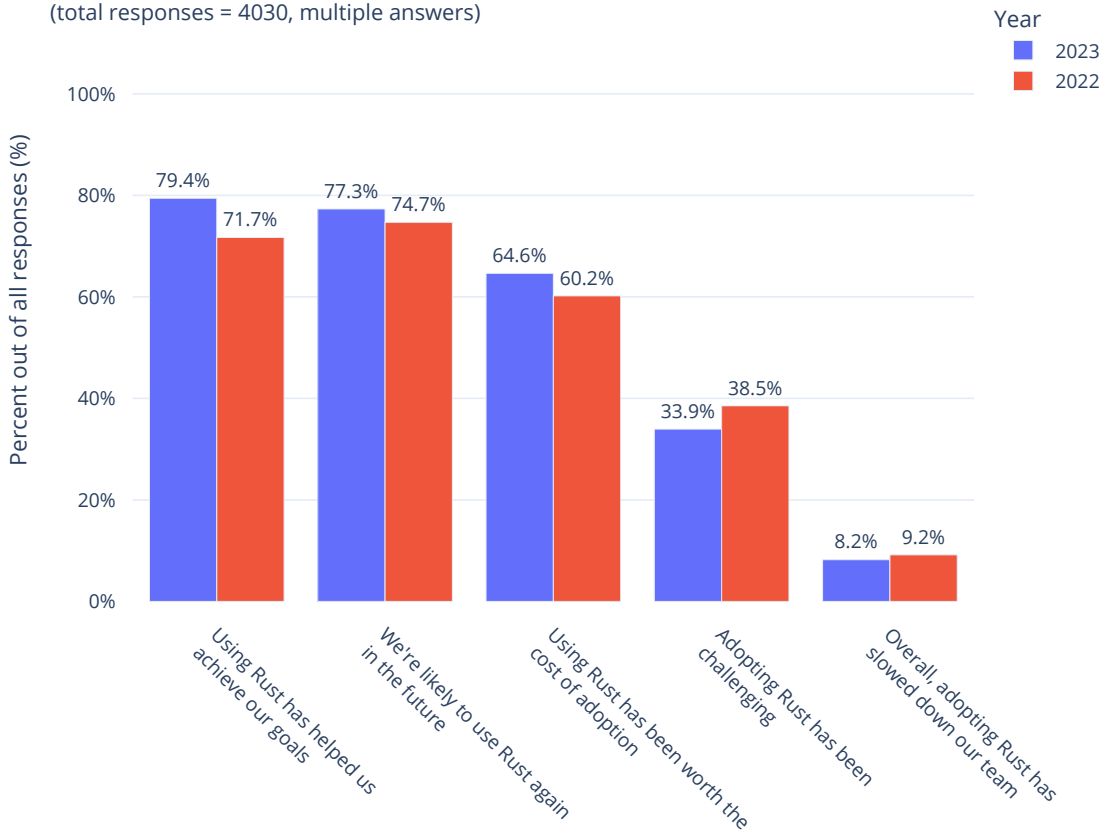
(total responses = 7585, single answer)





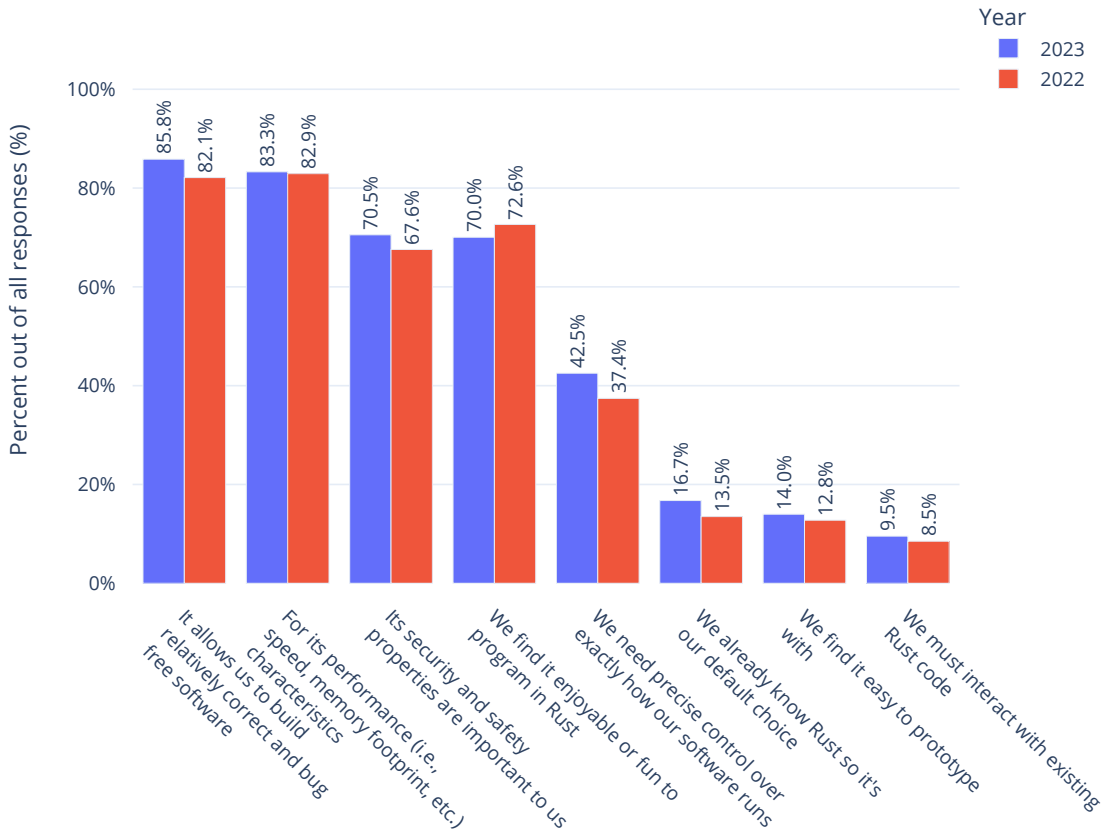
## Which of the following statements apply to your experience using Rust at work?

(total responses = 4030, multiple answers)



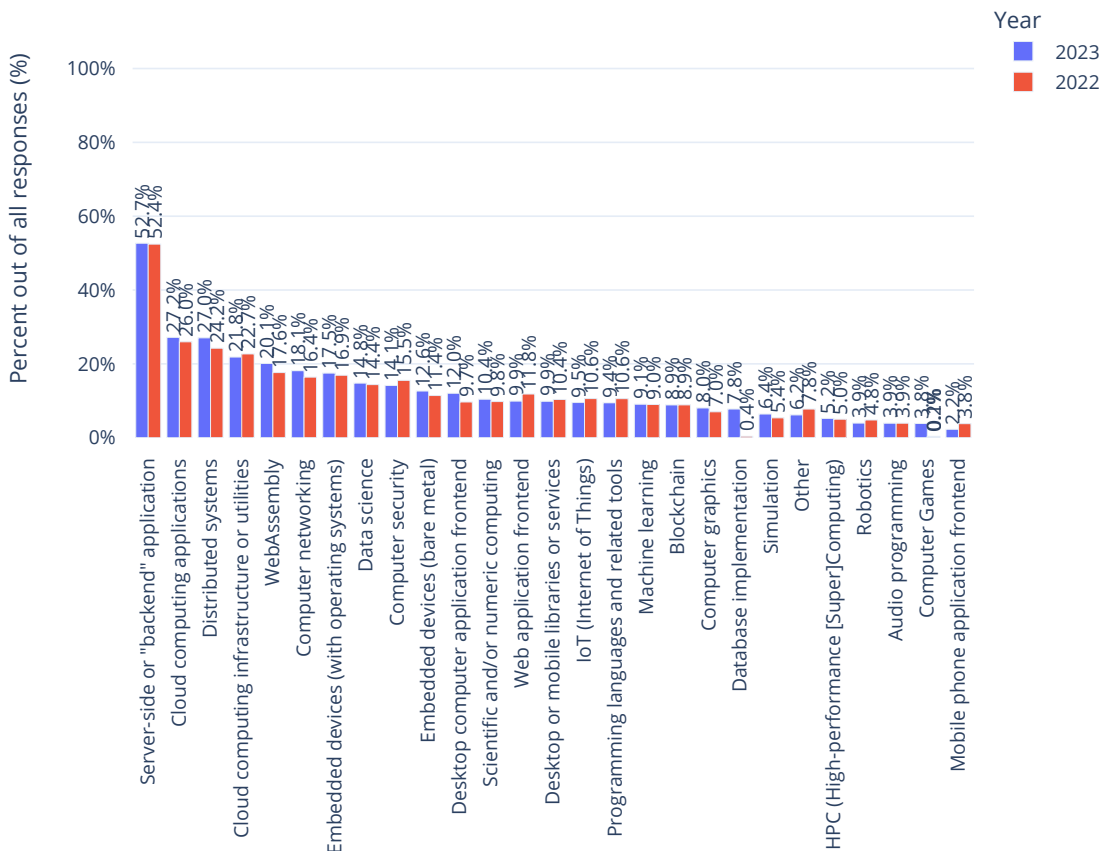
## Which of the following statements are reasons why you use Rust at work?

(total responses = 4157, multiple answers)

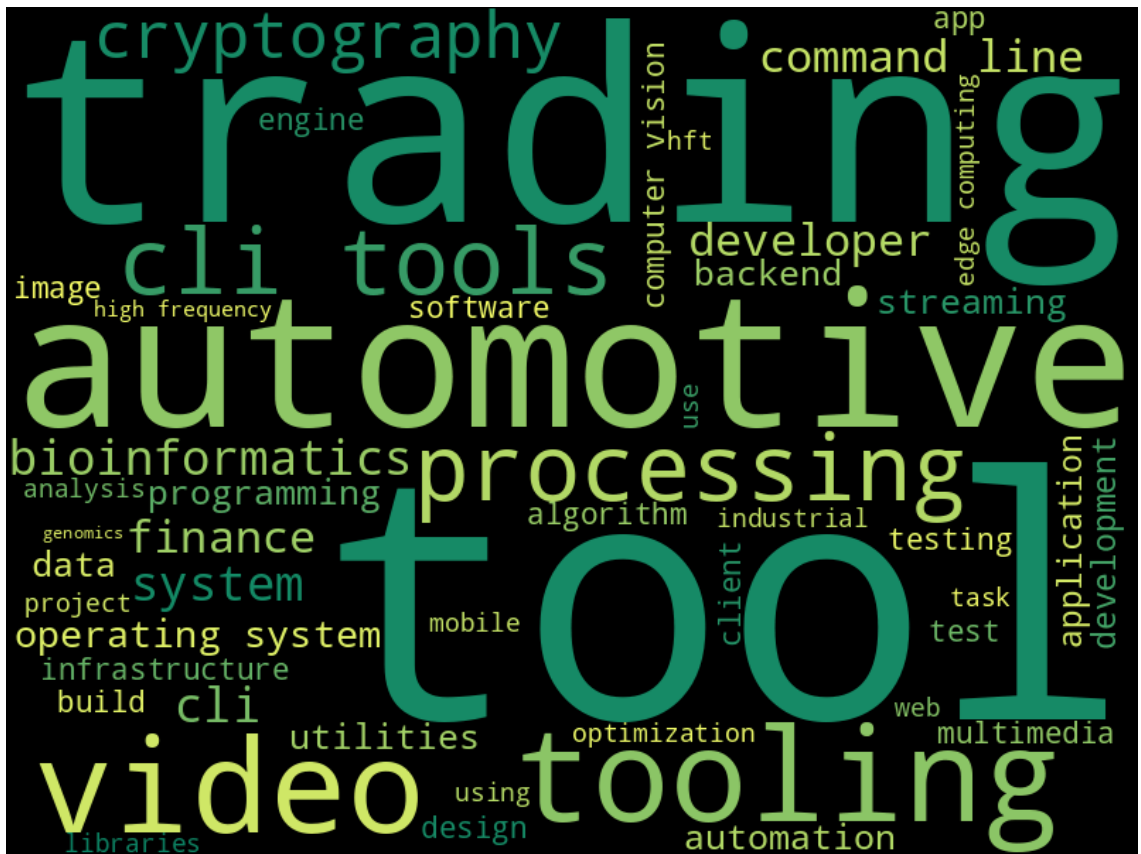


## In what technology domain(s) is Rust used at your organisation?

(total responses = 4139, multiple answers)

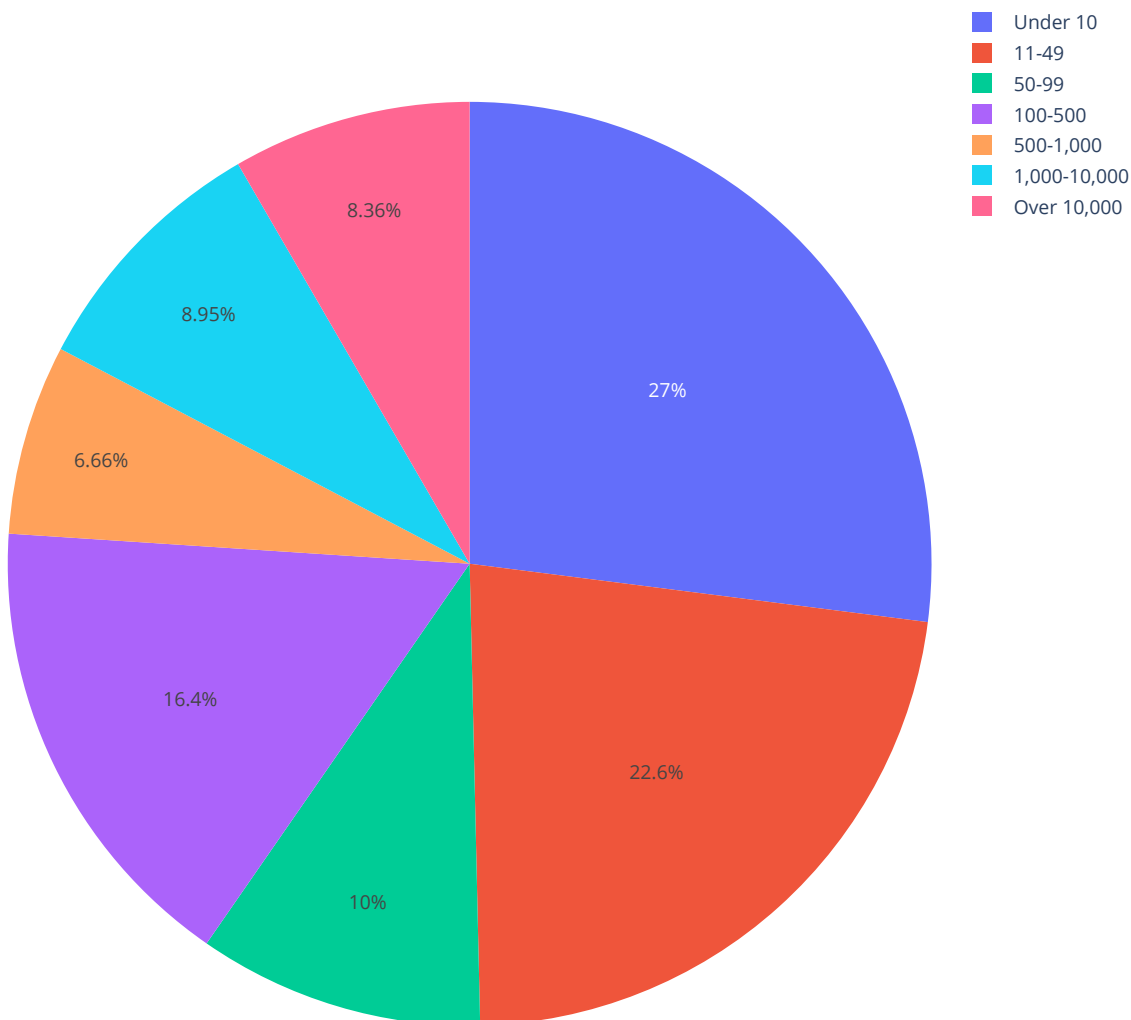


Wordcloud of open answers for the previous chart:



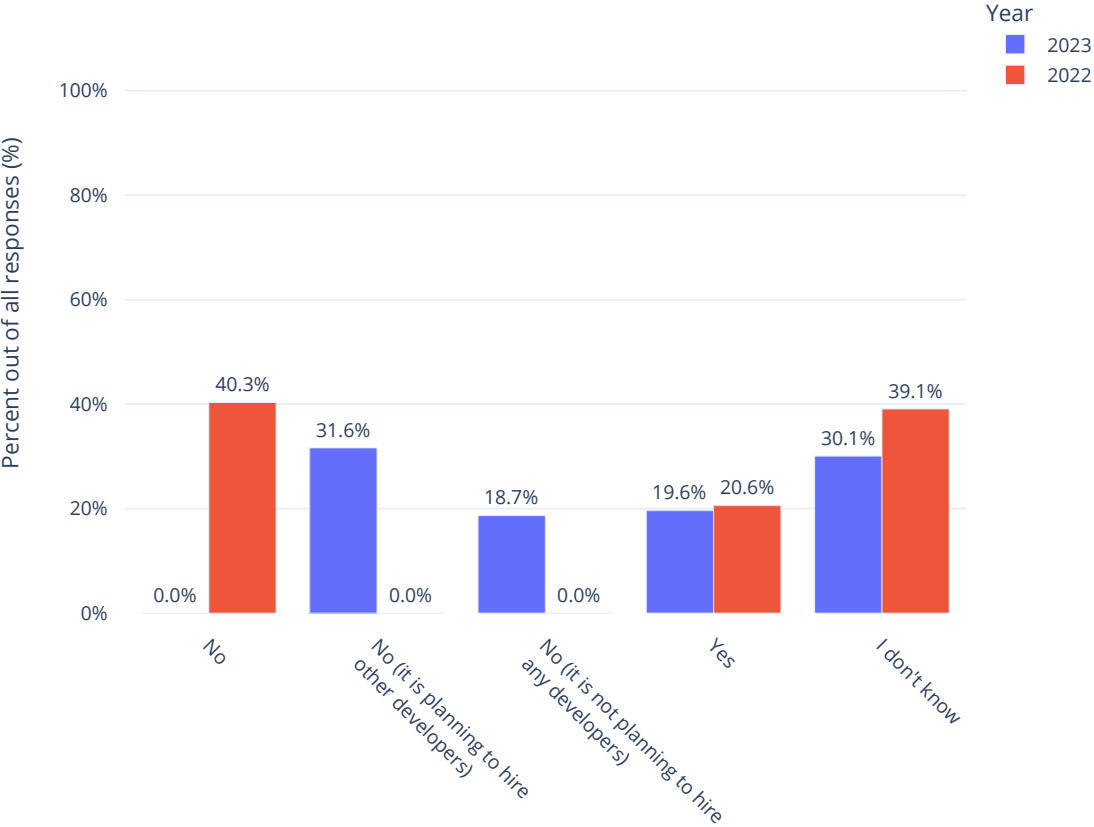
## Approximately how many total developers does your organisation employ?

(total responses = 7166)



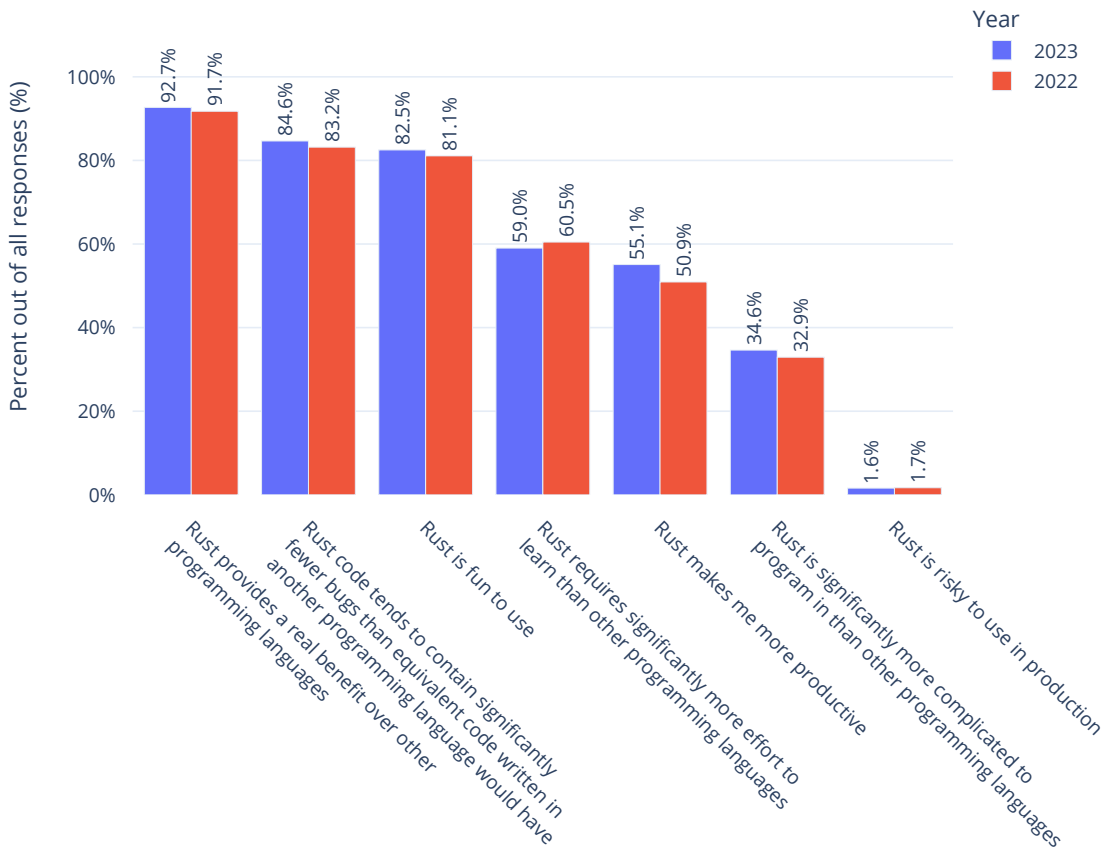
# Is your organisation planning on hiring Rust developers in the next year?

(total responses = 7197, single answer)



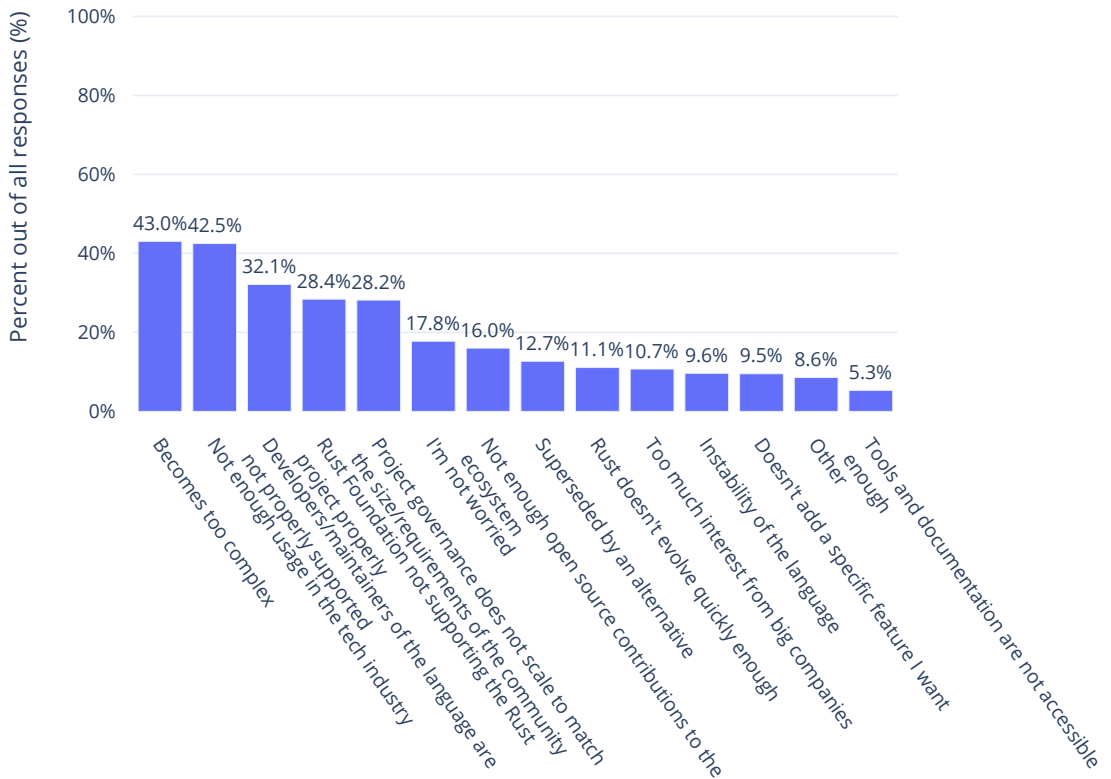
## Which of the following statements about Rust do you feel are true?

(total responses = 9413, multiple answers)



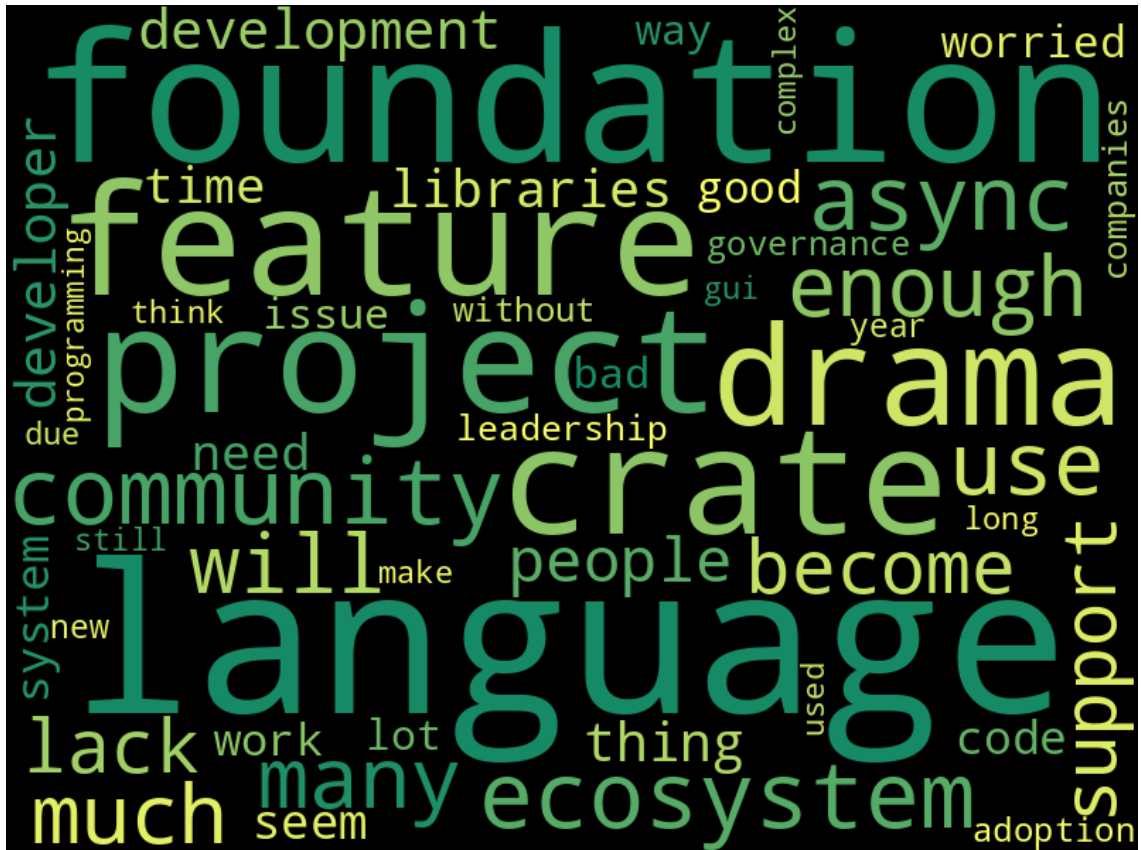
## What are your biggest worries for the future of Rust?

(total responses = 9374, multiple answers)



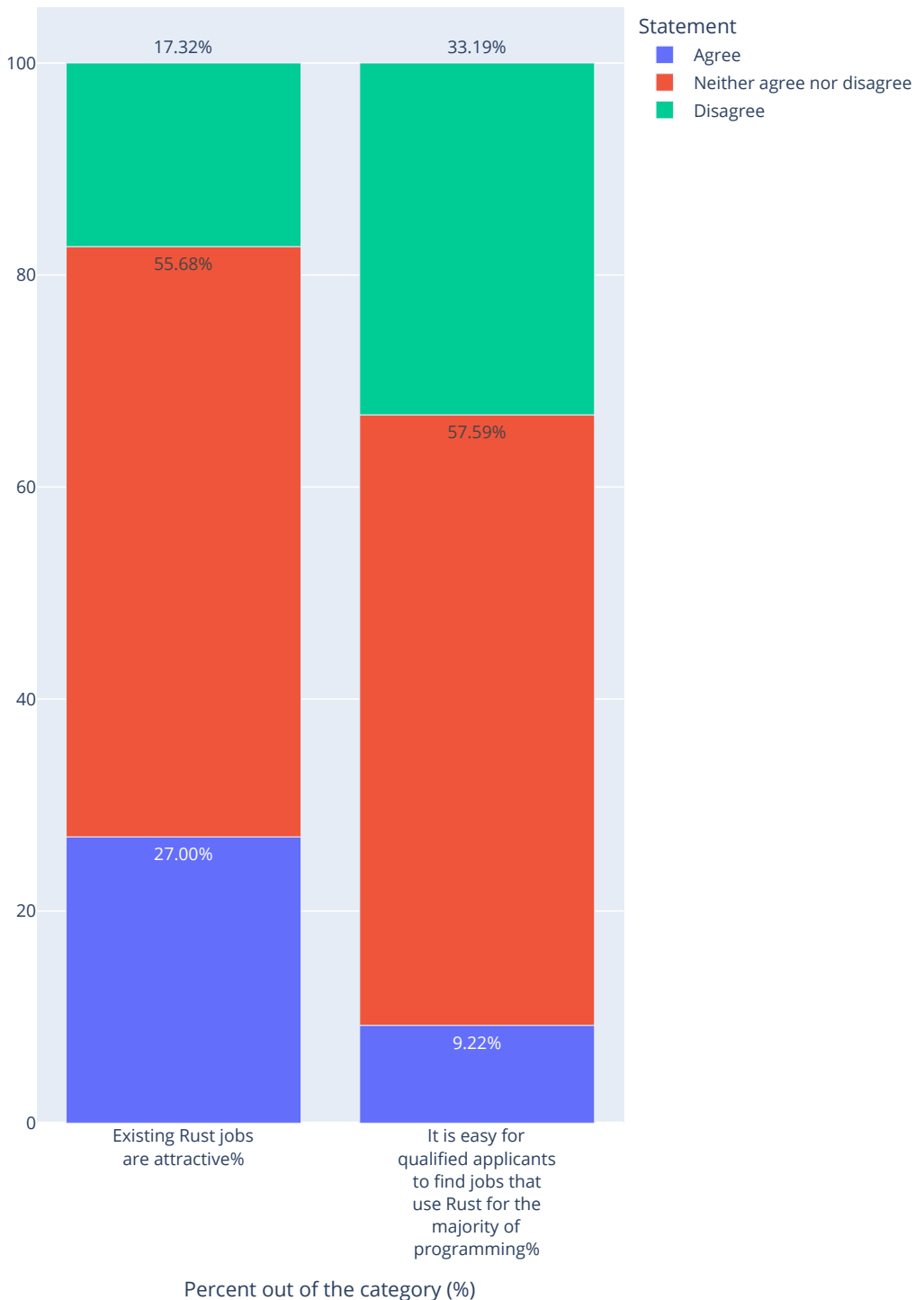


Wordcloud of open answers for the previous chart:



## Please share your assessment of the following statements on Rust employmen

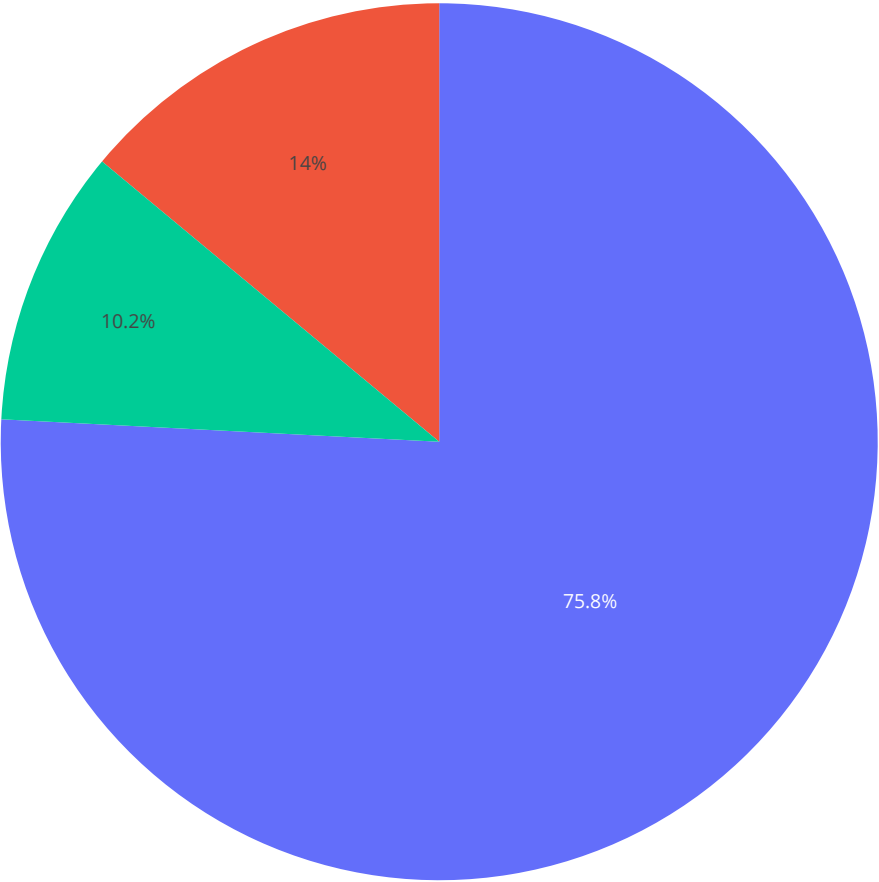
(total responses = 8824)



**Do you consider yourself a member of a group that is underrepresented or marginalized in technology?**

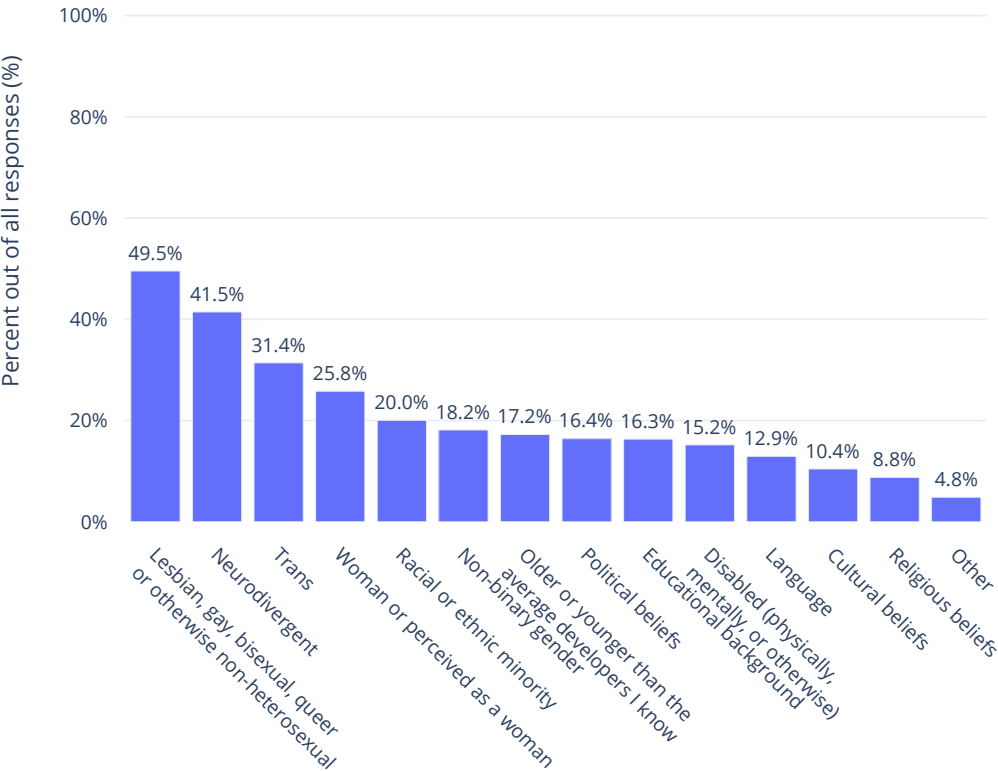
(total responses = 9626)

- No
- Yes
- I prefer not to say



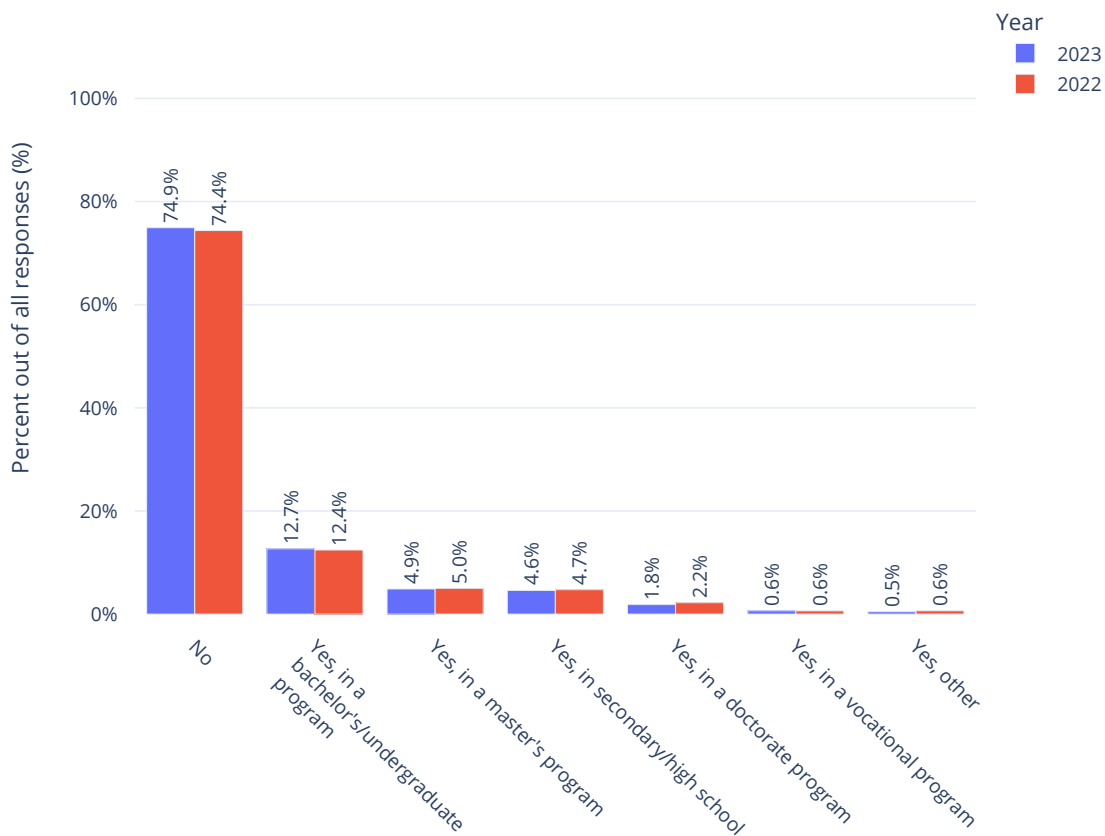
# Which of the following underrepresented or marginalized groups in technology do you consider yourself a part of?

(total responses = 1322, multiple answers)



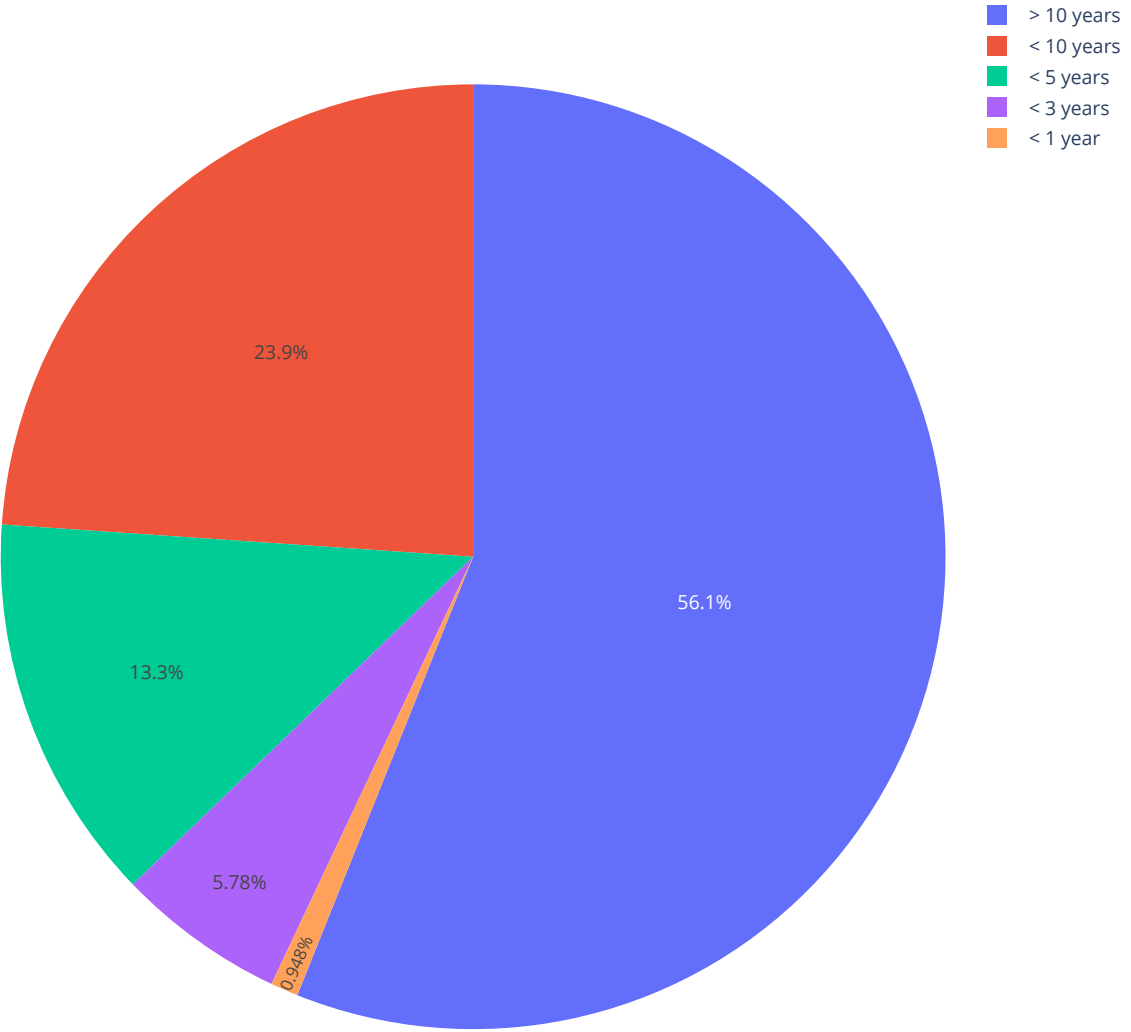
## Are you a full- or part-time student?

(total responses = 9662, single answer)



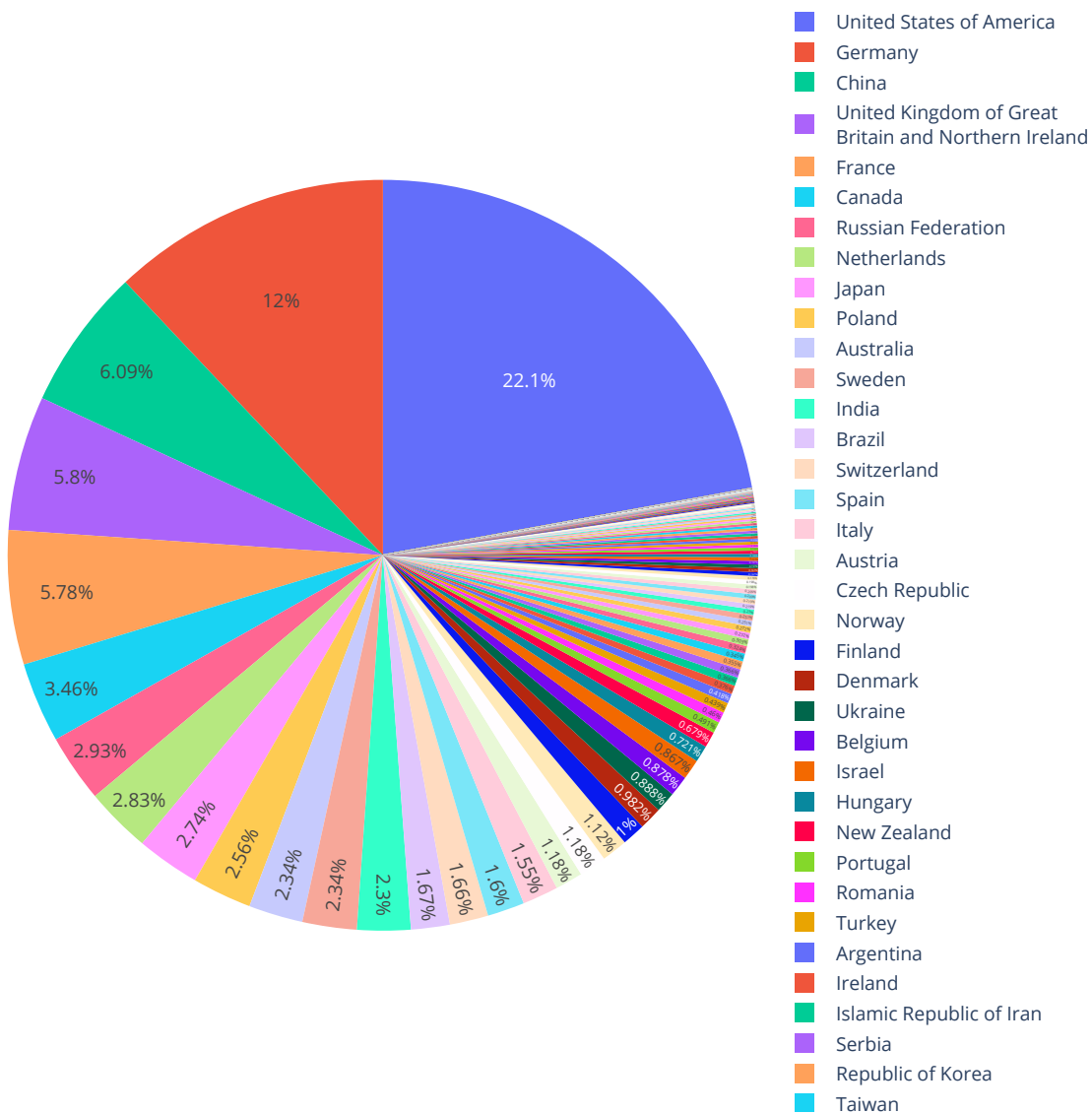
How long have you been programming (in any language, for any reason)?

(total responses = 9702)



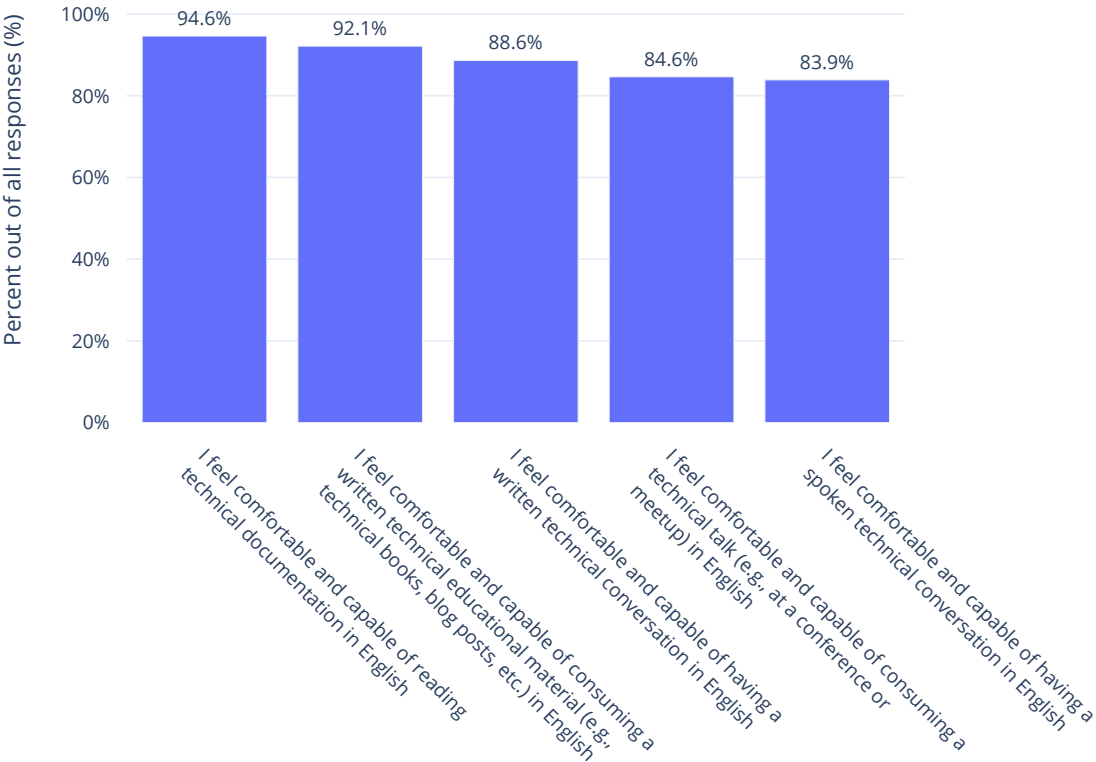
## Where do you live?

(total responses = 9572)



# In what ways are you comfortable communicating about technical topics in English?

(total responses = 9564, multiple answers)





## What is/are your preferred language(s) for technical communication?

(total responses = 9608, multiple answers)

