



# nf-core



## Community Updates



A community effort to collect a curated set  
of analysis pipelines built using Nextflow.

<https://nf-co.re>

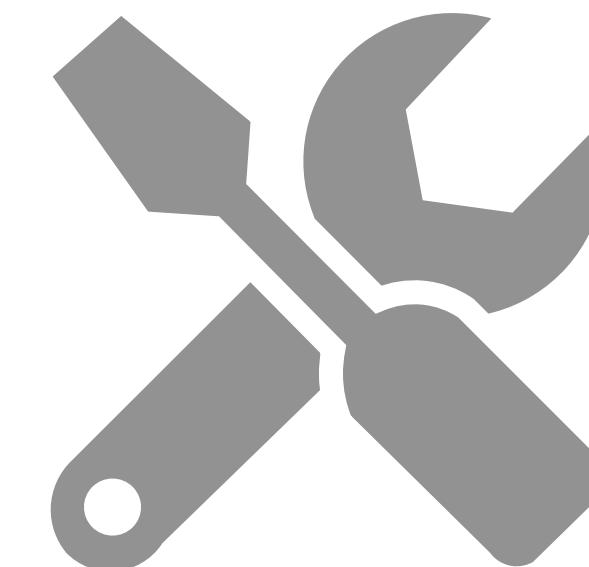
# nf-core



70

PIPELINES

<https://nf-co.re>



Running pipelines

Writing pipelines

Testing / automation

<https://nf-co.re>



632

MODULES

<https://nf-co.re>



632

MODULES

11

SUB-  
WORKFLOWS

<https://nf-co.re>

# Timeline

## Community updates

2017

2018

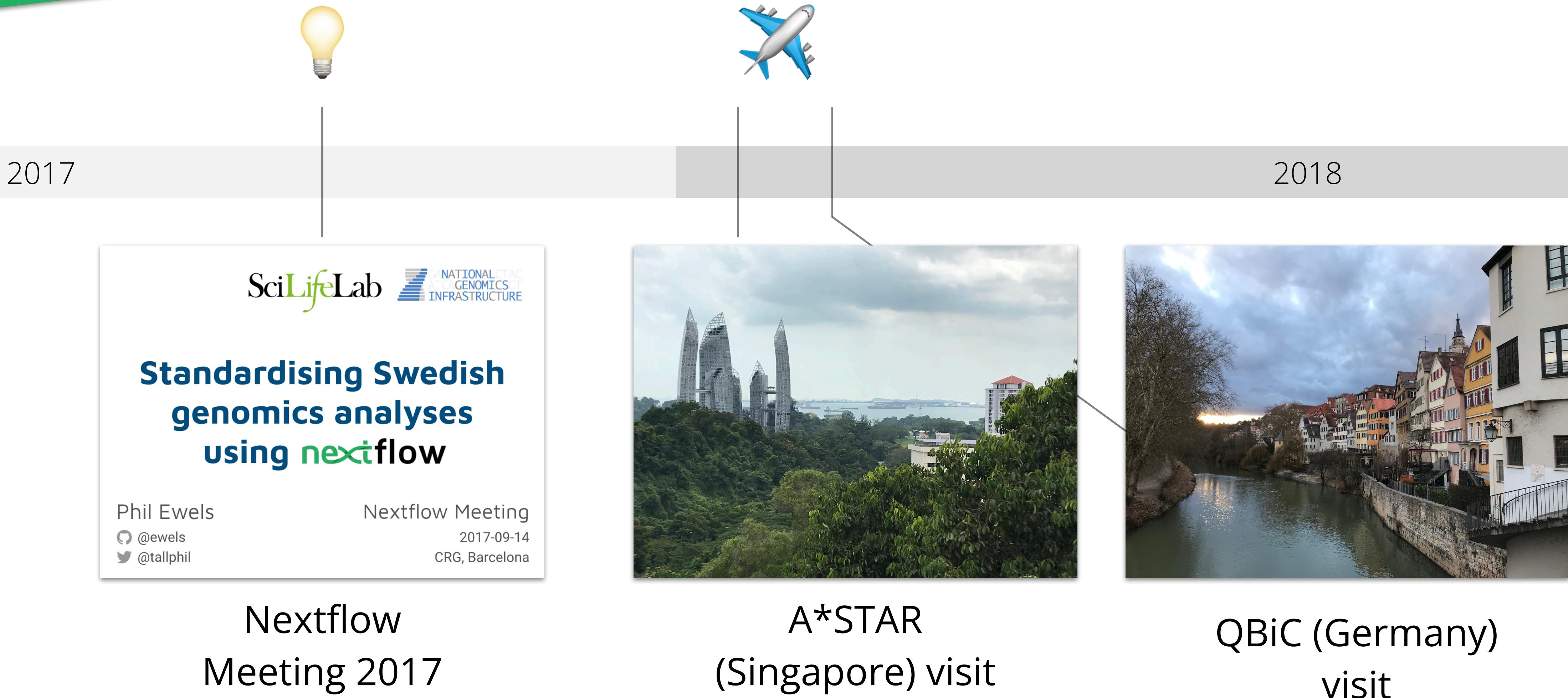
2019

2020

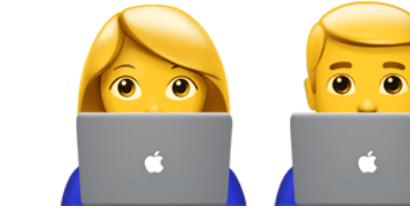
2021

2022

# Timeline



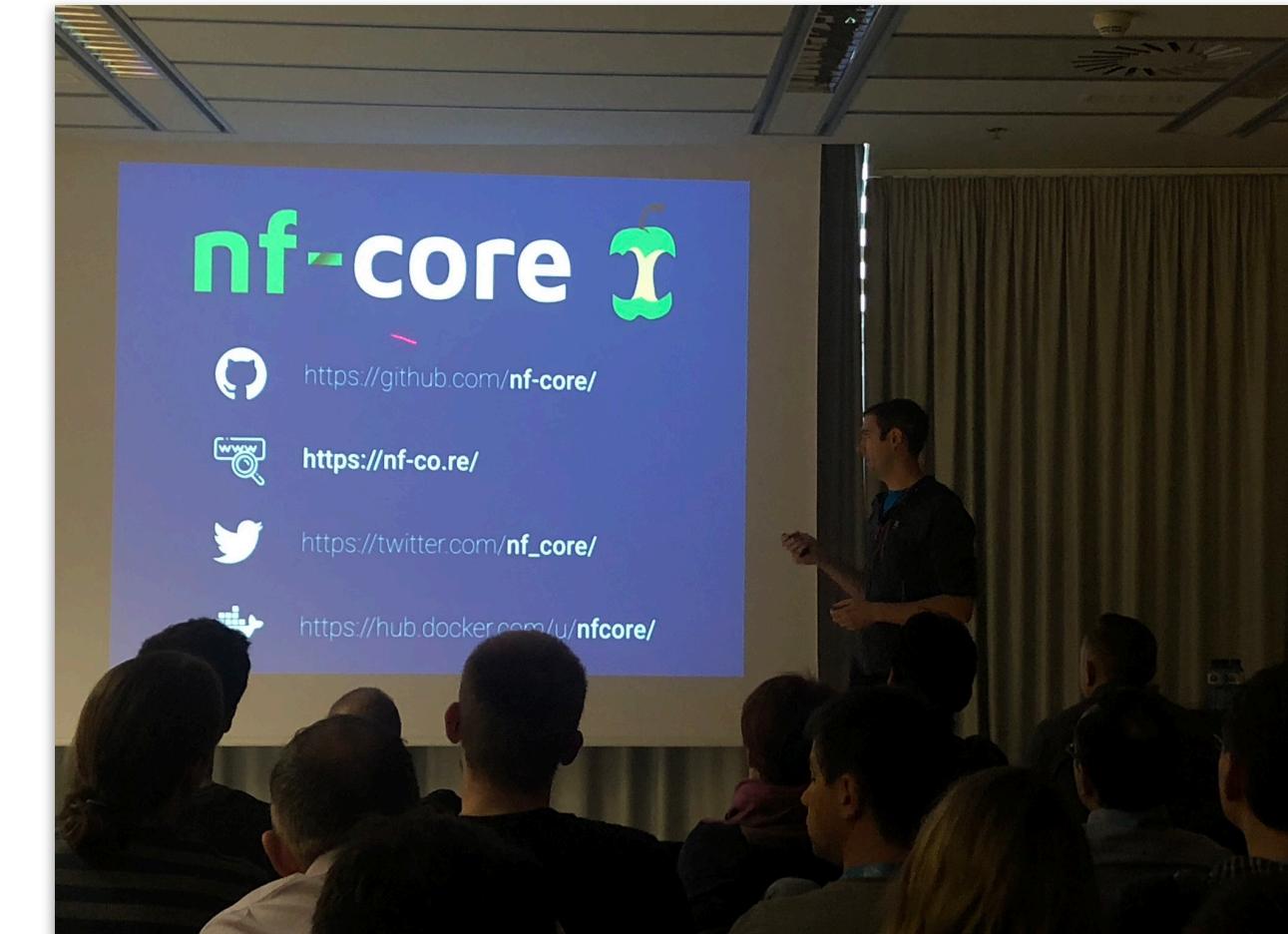
# Timeline



2018

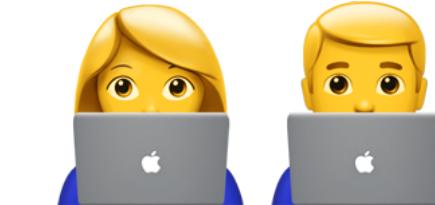


Stockholm  
hackathon



Nextflow  
Meeting 2018

# Timeline



2019

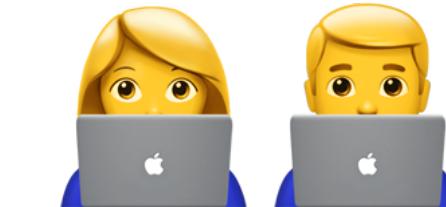
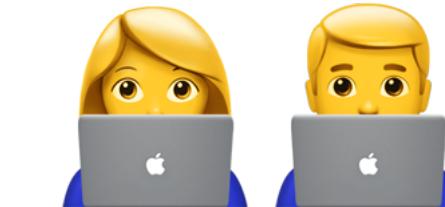
QBiC  
hackathon



Nextflow  
Meeting 2019

SciLifeLab  
hackathon

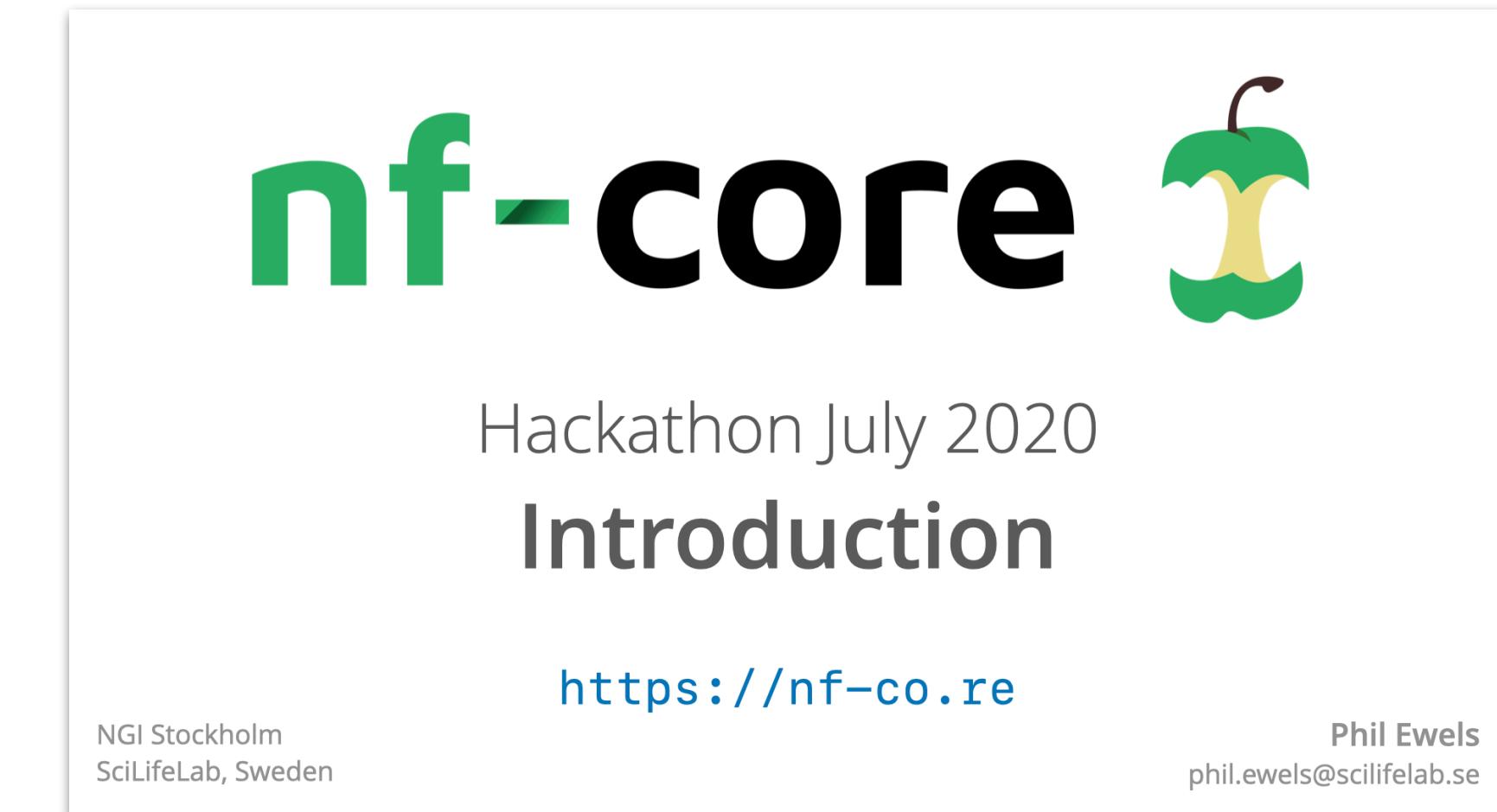
# Timeline



2020

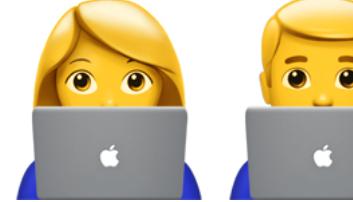
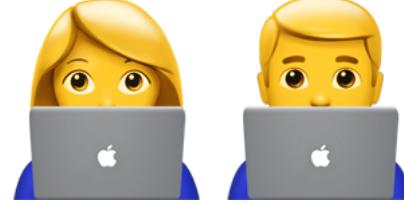


Francis Crick  
hackathon



First online  
hackathon

# Timeline



2020

CZI EOSS  
Cycle 2



20

**nf-core/**  
**bytesize**

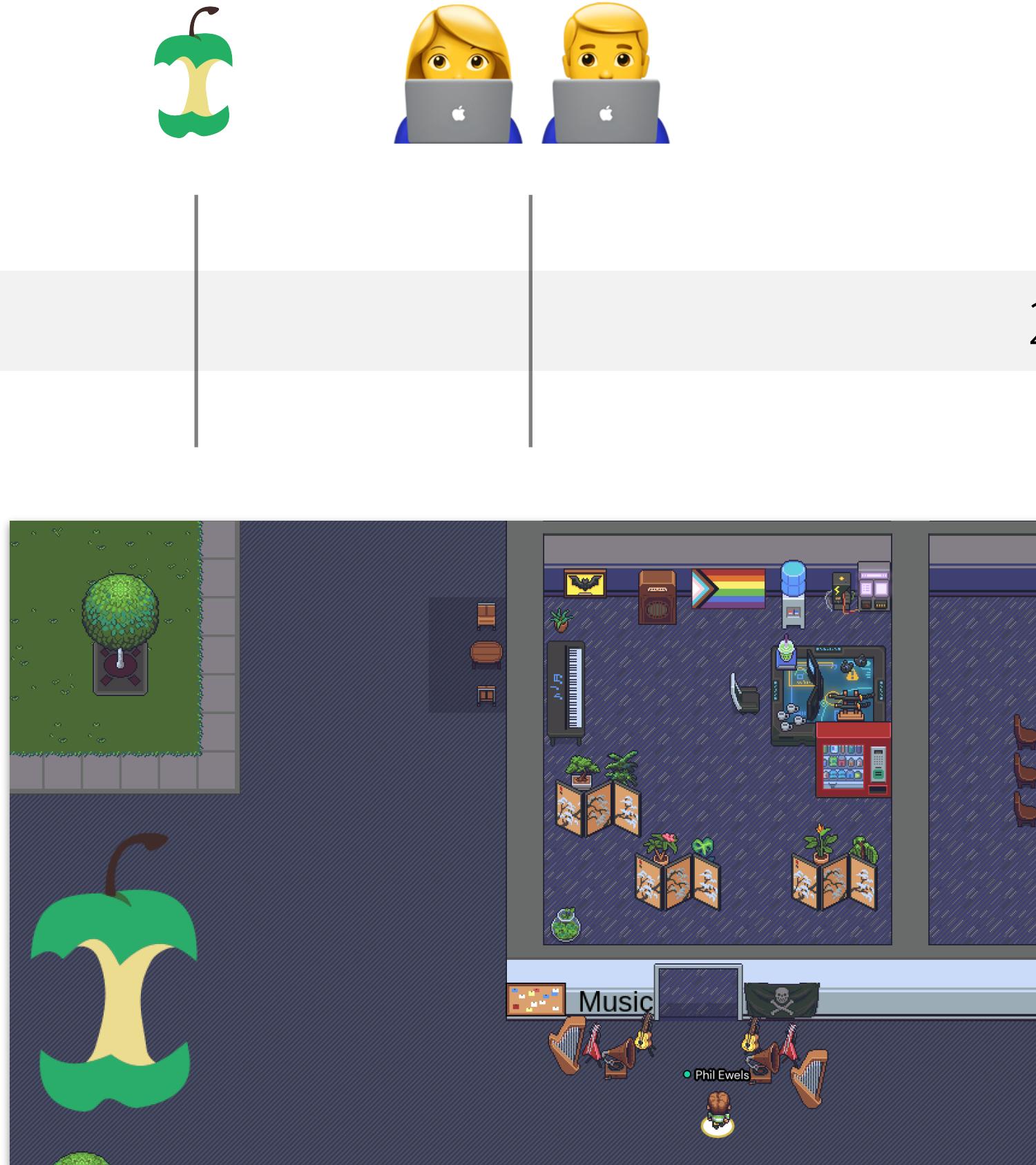
#1

Introduction to nf-core

Phil Ewels, SciLifeLab Sweden

Bytesize talks  
start

# Timeline



March 2021  
hackathon

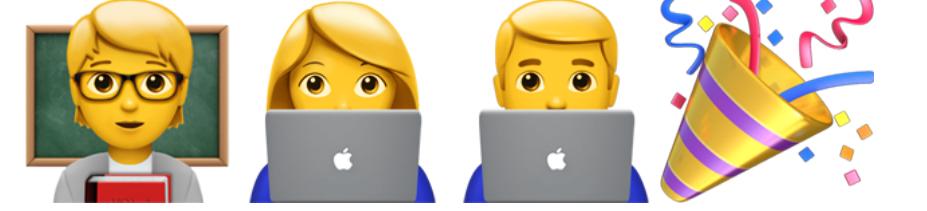
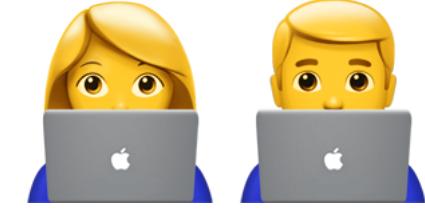
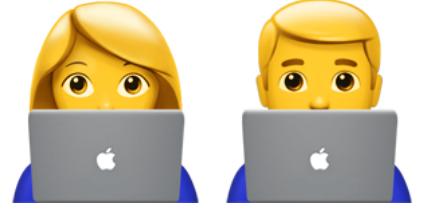
CZI EOSS  
Cycle 4

CZI EOSS  
Diversity &  
Inclusion

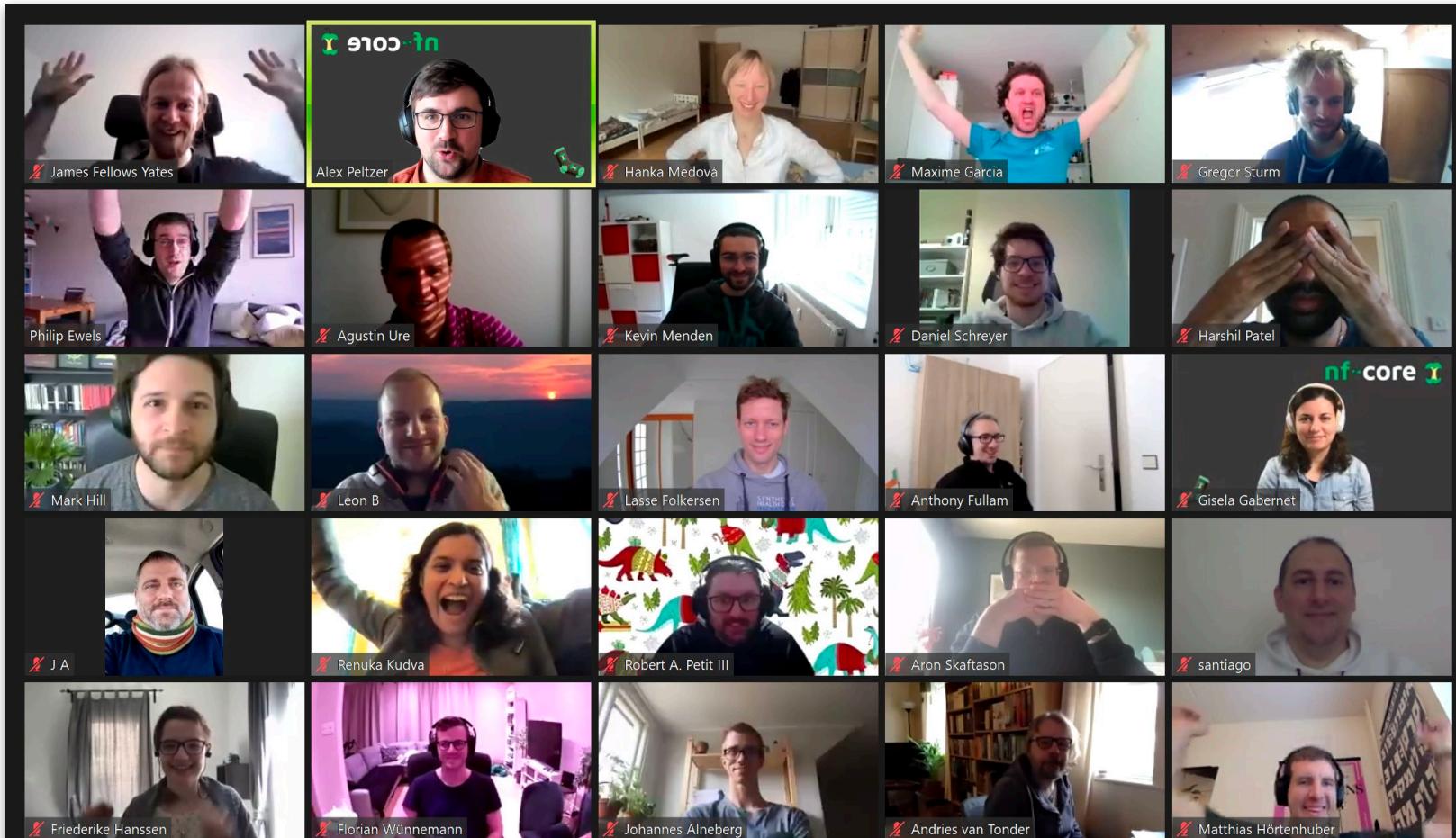


October 2021  
hackathon

# Timeline



2022



March 2022  
hackathon

First training

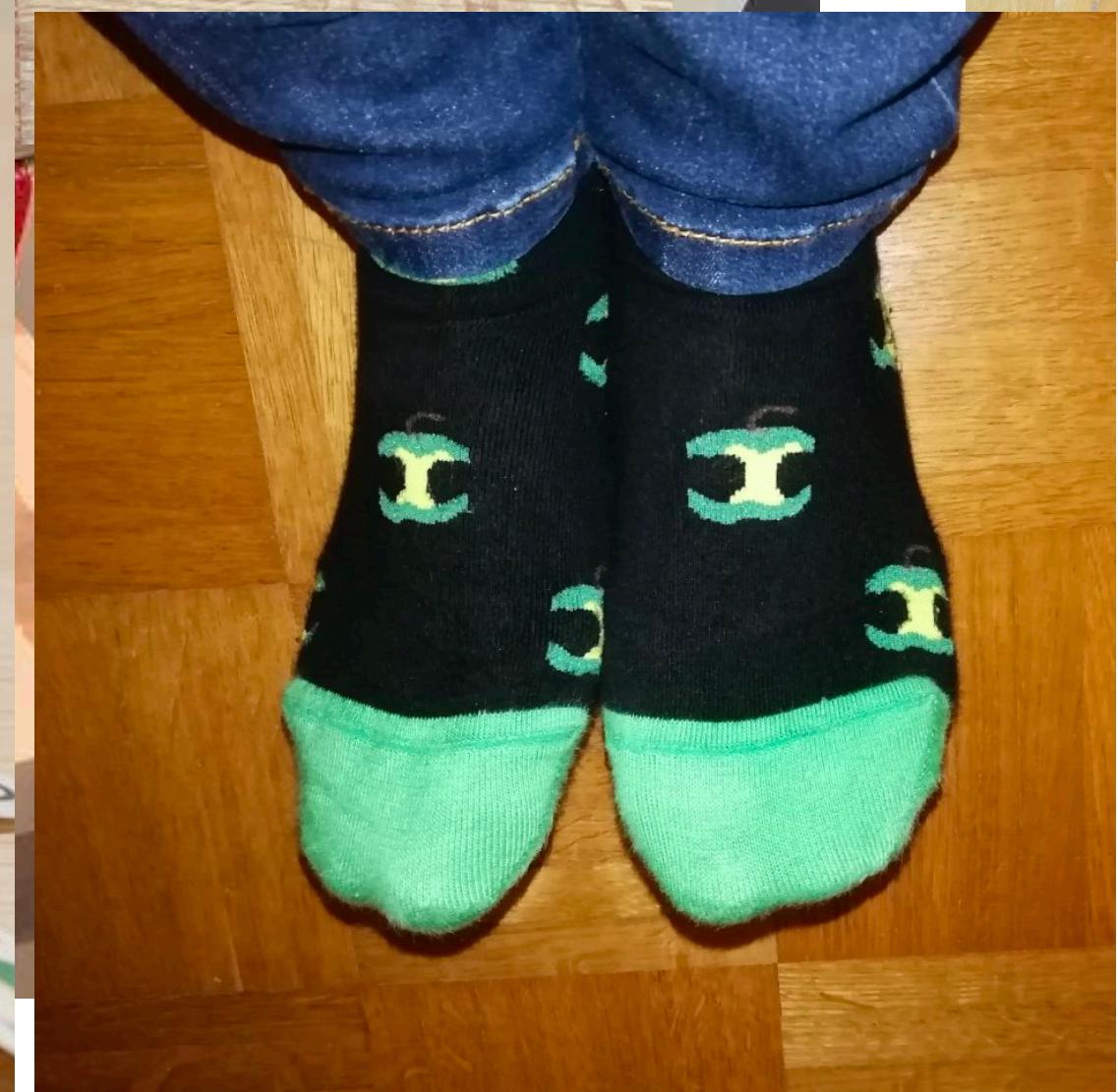
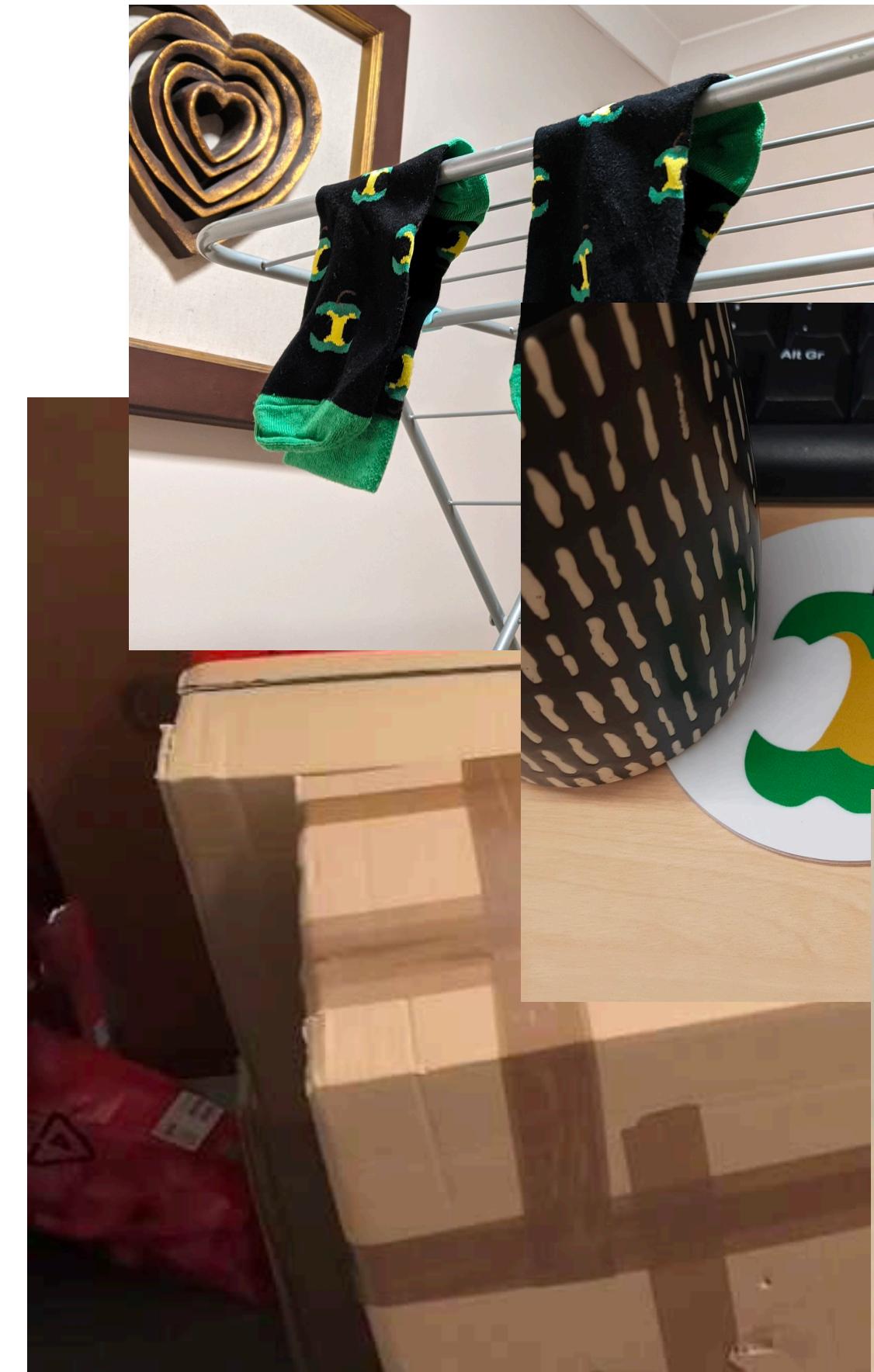
October 2022  
hackathon

Nextflow  
Summit 2022

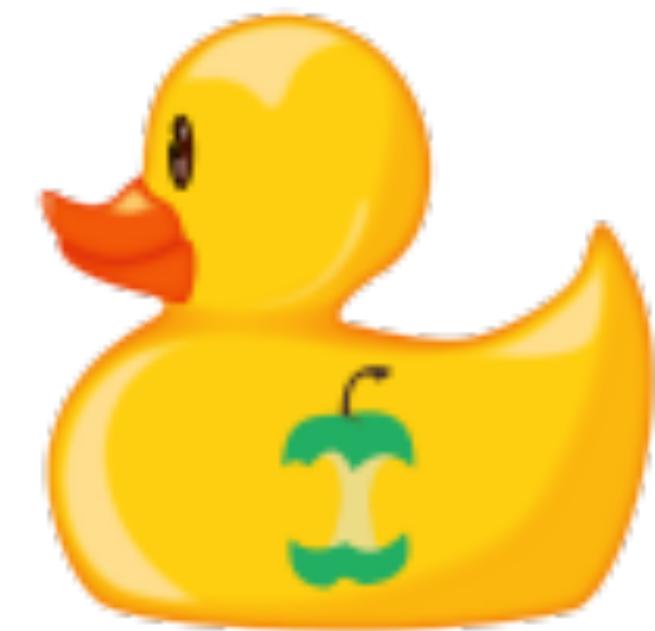
# Community



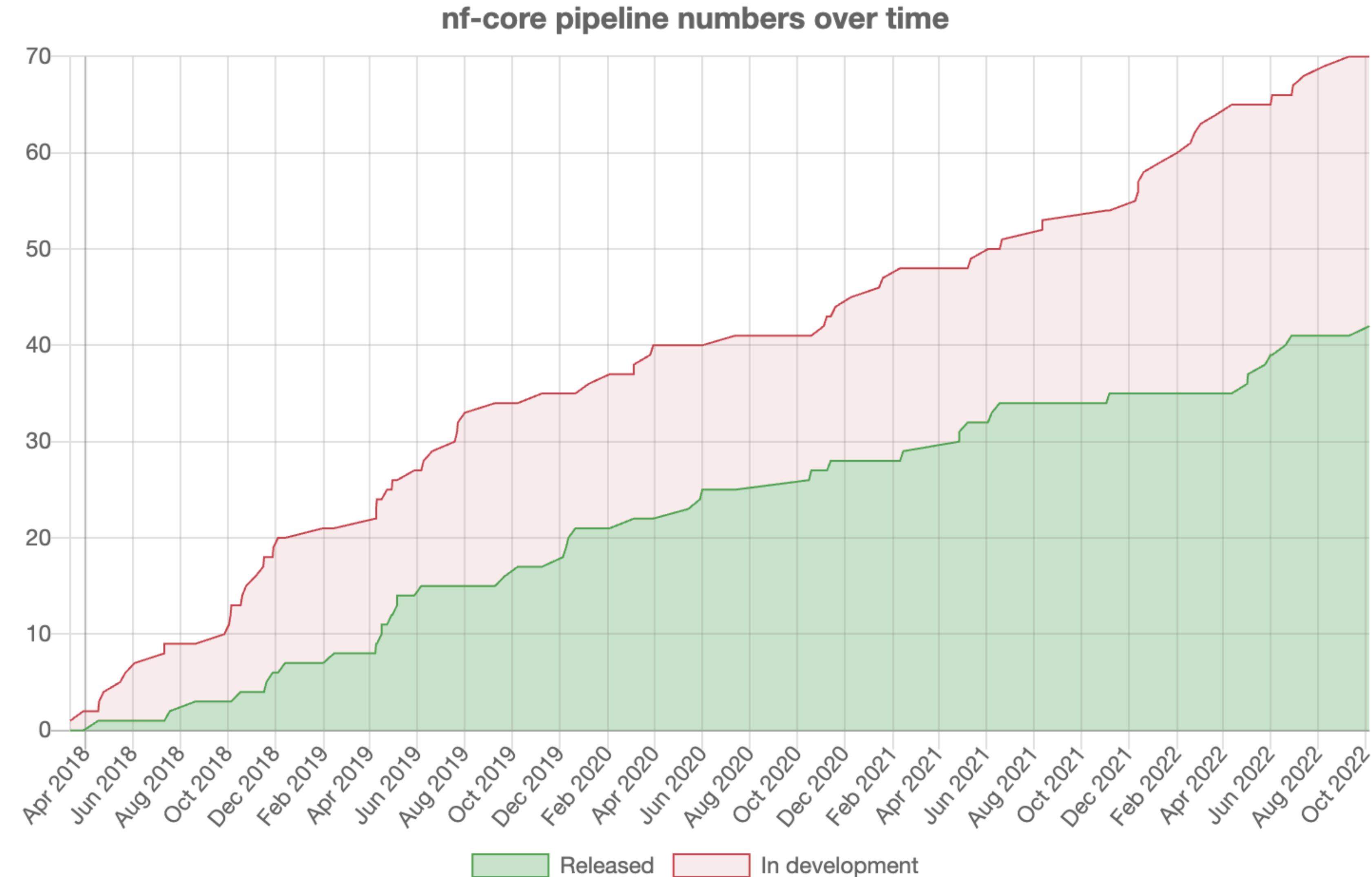
# Community



# Community

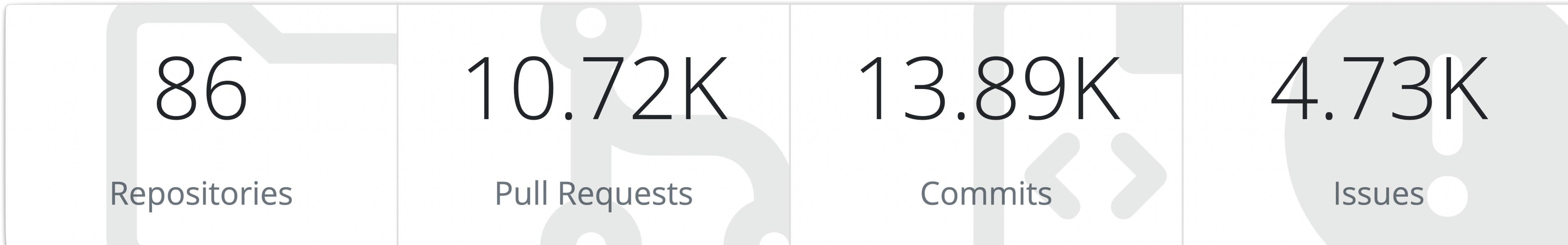
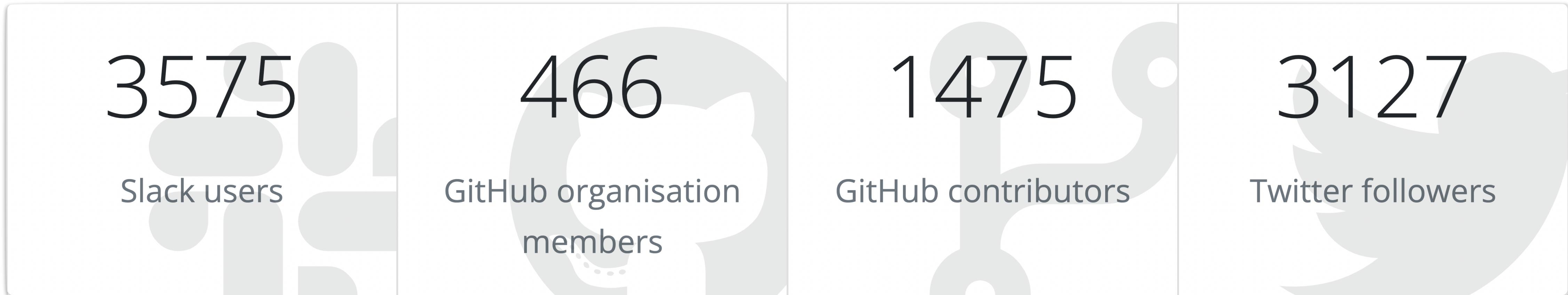


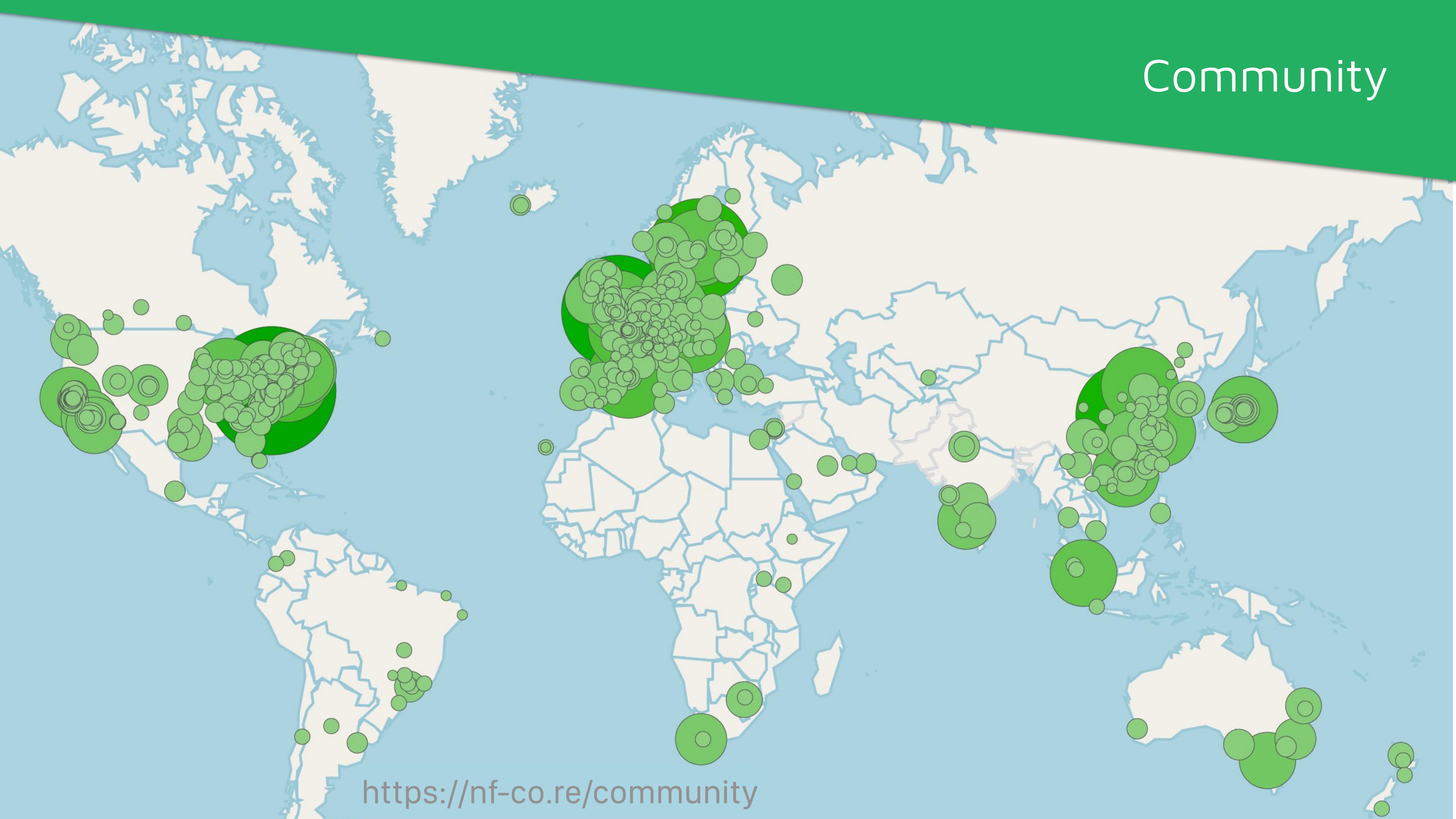
# Community



# Community

<https://nf-co.re/stats>





# Community

<https://nf-co.re/community>

# Personnel

# Chan Zuckerberg Initiative



Phil



Marcel



Chris



Julia



Matthias



Fran

# Personnel

# Chan Zuckerberg Initiative



Phil  
EMEA



Marcel  
LATAM



Chris  
APAC



## Upcoming Events

### Bytesize: nf-core/nascent

Edmund Miller - University of Texas, USA

1<sup>st</sup> Nov 2022

[See details](#)

 [Export event ▾](#)

 [Talk](#)

## Past Events

### nf-core Training - October 2022

A set of global online Nextflow and nf-core training events

3<sup>rd</sup> - 5<sup>th</sup> Oct 2022 - [See details](#)

 [Workshop](#)

### Bytesize: community updates Sep 2022

 [Talk](#)

## Bytesize 4: GitHub contribution basics

Alexander

23<sup>rd</sup> Feb

### 6 -Quiz How many bytesize talks are currently there? (2022-10-10)

Bytesize

Gisel

16<sup>th</sup> Feb

Bytesize

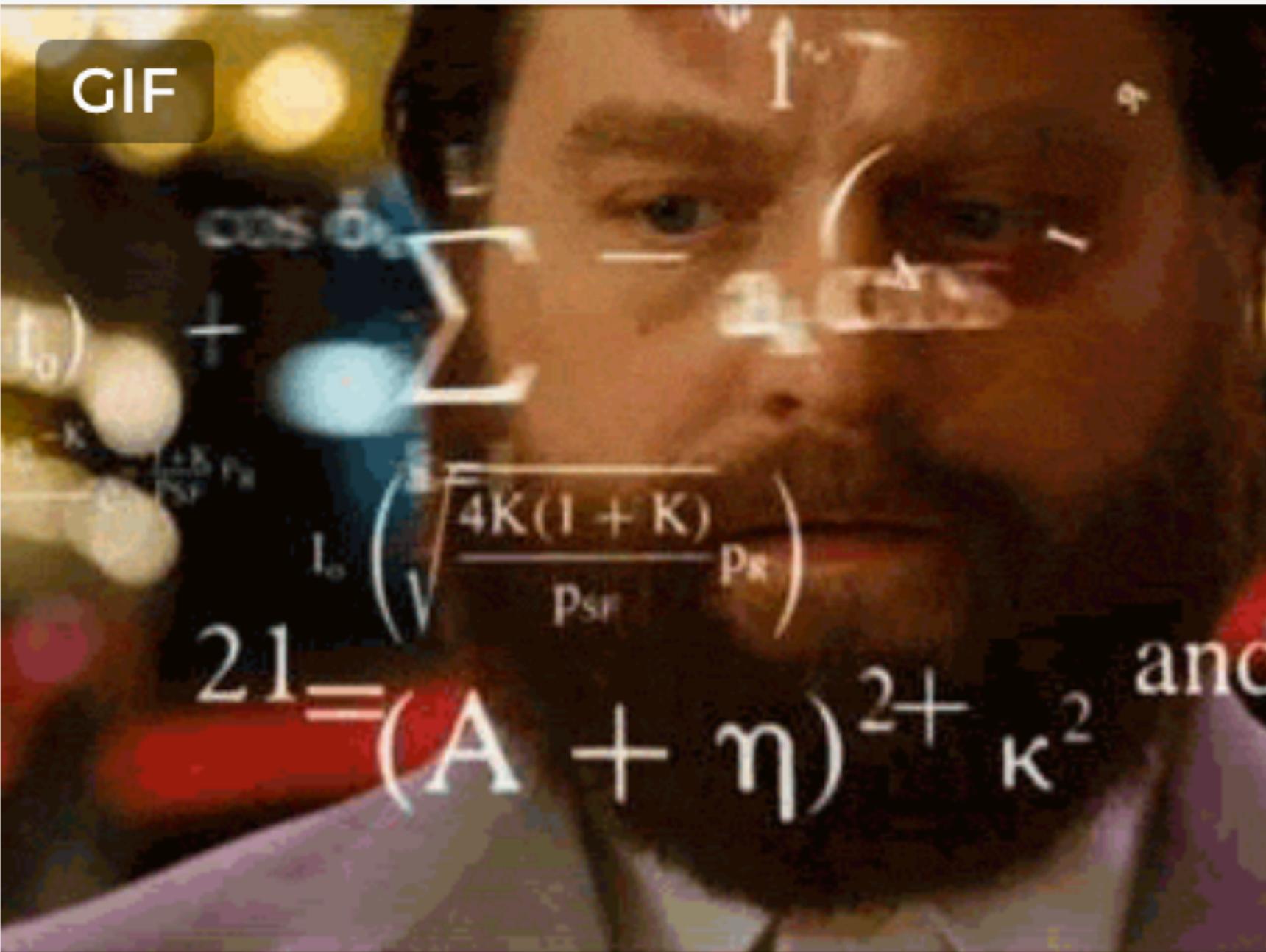
Maxim

9<sup>th</sup> Feb

Bytesize

nf-cor

2<sup>nd</sup> Feb 2021



51



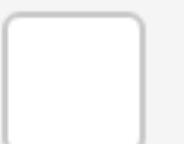
42



53



46



No answer



Mentorships

# Chan Zuckerberg Initiative



# Mentorships

# Chan Zuckerberg Initiative



Poster #16

**Nextflow and nf-core  
mentorships: Round 1**

We look back at the success of the  
program so far.

**nextflow**

Join us on slack

A photograph of a person wearing headphones and working on a computer monitor, with a window showing a sunset or sunrise in the background.

Mentorships

# Chan Zuckerberg Initiative



Mentorships Round 2 applications open! 

Deadline Nov 1<sup>st</sup> 2022

<https://nf-co.re/mentorships>

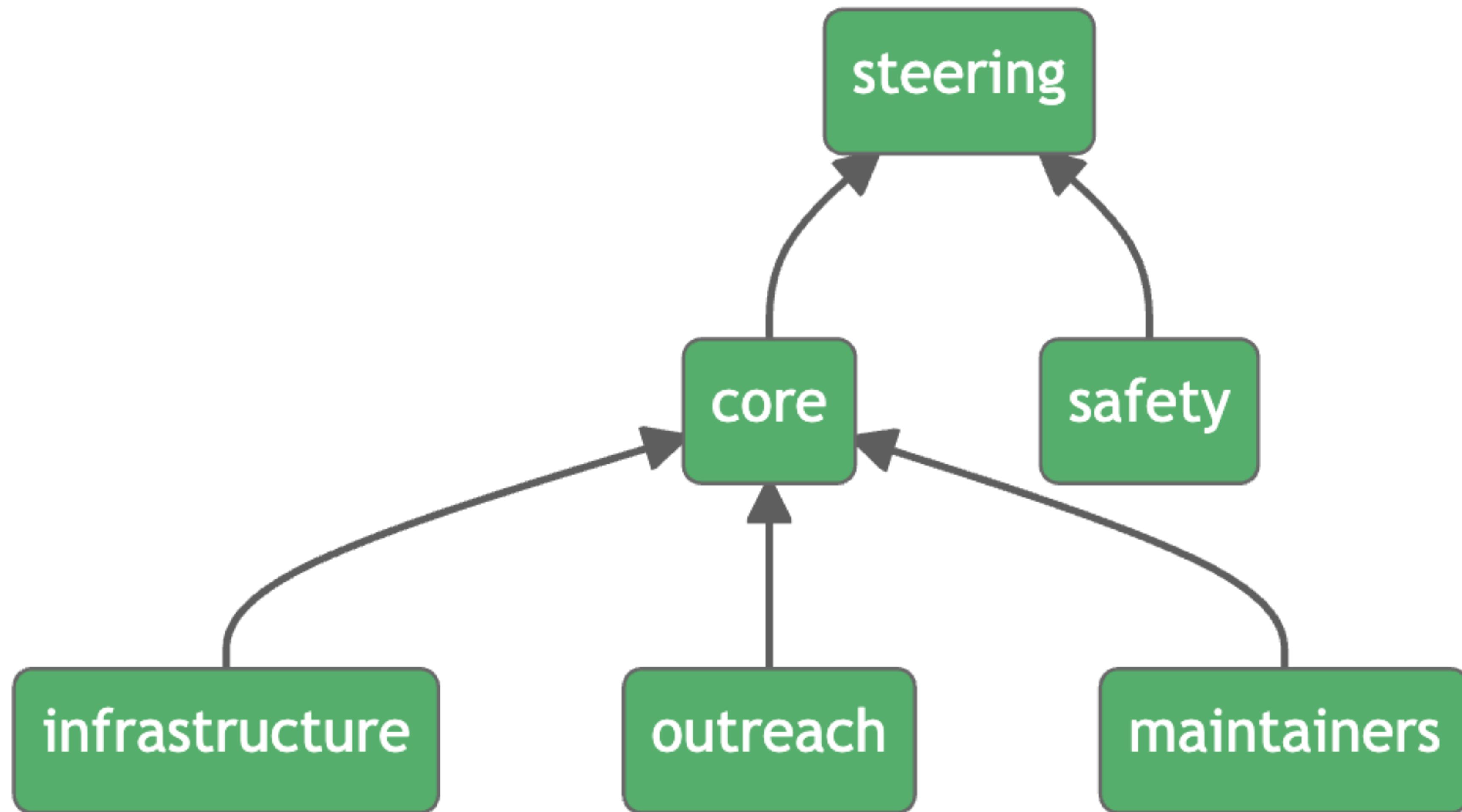
# Governance



# Governance

core

# Governance



# Cloud testing



[nf-core / viralrecon](#) Public

Watch 16 Star 49 Fork 42

Code Issues 9 Pull requests 1 Discussions Actions Security Insights Settings

✓ nf-core/viralrecon v2.1 - Lead Mink nf-core AWS full size tests #3 ...

Summary

Triggered via release 5 months ago drpatelh published 2.1 Status Success Total duration 2m 23s Artifacts -

Jobs

- ✓ Run AWS full tests (illumina)
- ✓ Run AWS full tests (nanopore)

awsfulltest.yml  
on: release

Matrix: Run AWS full tests

✓ 2 jobs completed

Show all jobs

A screenshot of a GitHub Actions job summary for the nf-core/viralrecon repository. The job, titled 'nf-core/viralrecon v2.1 - Lead Mink nf-core AWS full size tests #3', was triggered via a release 5 months ago and was published by drpatelh. The status is 'Success' with a total duration of 2m 23s. The job matrix for 'Run AWS full tests' shows 2 jobs completed. The summary also lists two other jobs: 'Run AWS full tests (illumina)' and 'Run AWS full tests (nanopore)'. The GitHub interface includes standard navigation links like Code, Issues, Pull requests, Discussions, Actions, Security, Insights, and Settings.

# Cloud testing



Introduction    **aws Results**    Usage docs    Parameter docs    Output docs    Releases & Statistics    2.2

aws nf-core-awsmegatests / viralrecon  
/ [results-2ebae61442598302c64916bd5127cf23c8ab5611](#) / platform\_illumina

**Copy Bucket S3 URL**

\_ command  
`nextflow run nf-core/viralre`

clones in last 2 years  
13054

stars    watchers  
49    16

last release    last updated  
1 month ago

open issues    pull requests  
9    168

collaborators

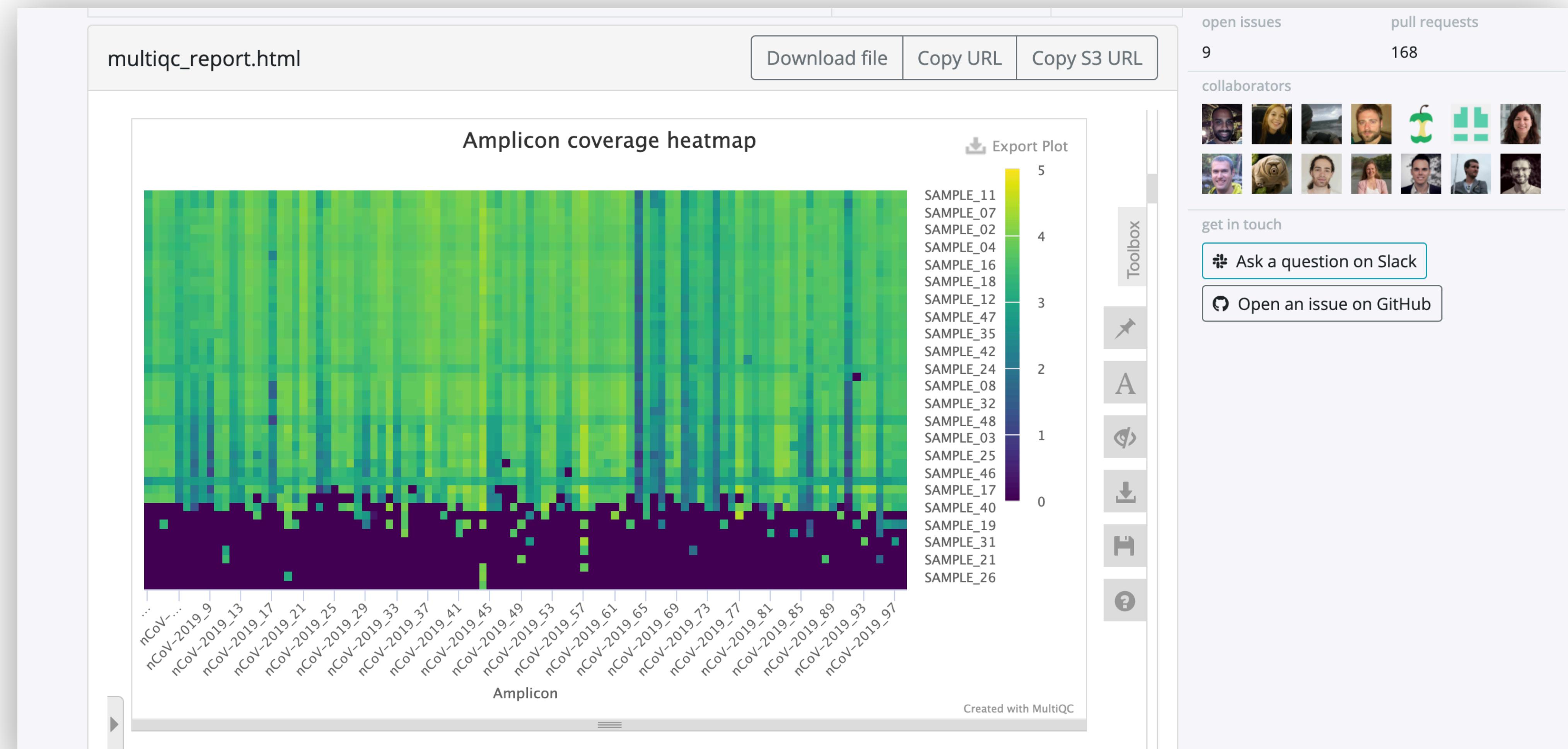
get in touch

Ask a question on Slack

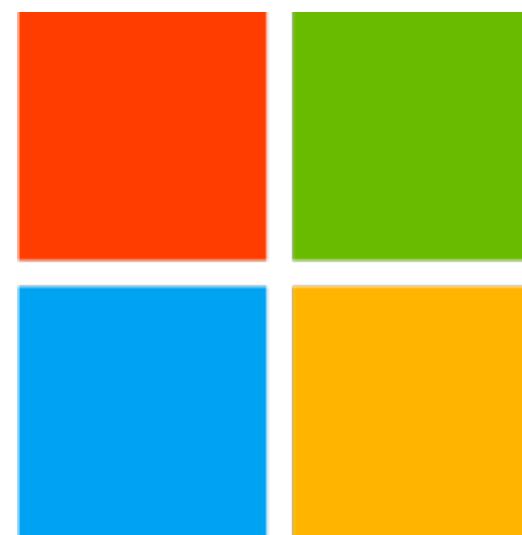
Open an issue on GitHub

Name	Last Modified	Size
..		
<a href="#">assembly/</a>		
<a href="#">fastp/</a>		
<a href="#">fastqc/</a>		
<a href="#">kraken2/</a>		
<a href="#">multiqc/</a>		
<a href="#">pipeline_info/</a>		
<a href="#">variants/</a>		

# Cloud testing



Cloud testing



Microsoft

aws



severalabs

# Join the community



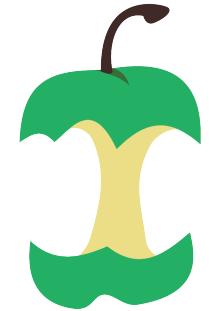
<https://nf-co.re/join>

# Phil Ewels

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[phil@seqera.io](mailto:phil@seqera.io)

**nextflow**

**nf-core** 

**nextflow tower**

 **seqeralabs**

<https://seqera.io>

**Chan Zuckerberg  
Initiative**



<https://nf-co.re/join>