Kom igang med åpen kildekode

Bergen Open Source-konferanse

Photo by Viktor Forgacs on Unsplash

2023 // Hans Kristian Flaatten

Starefossen (Hans Kristian Flaat

https://github.com/Starefossen/

Starefossen

Type / to search

Overview | Repositories 266 | Projects | Packages 1 | Stars 4k | Sponsoring | Gists

Hans Kristian Flaatten

Starefossen

Kubernetes Platform **@nais** and **@navikt**, Infrastructure and Docker **@nodejs** Foundation 🐳 Previously **@evry** **@Turistforeningen**.

Edit profile

301 followers · **436** following

@nais **@navikt**

1,445 contributions in the last year

Contribution settings

Learn how we count contributions

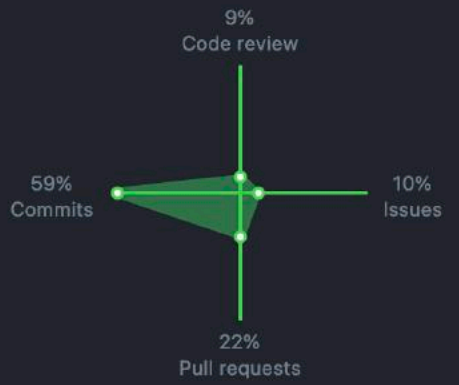
Less More

2023
2022
2021
2020
2019
2018
2017
2016
2015
2014
2013
2012
2011

@nais | @navikt | @offentlig-paas | More

Activity overview

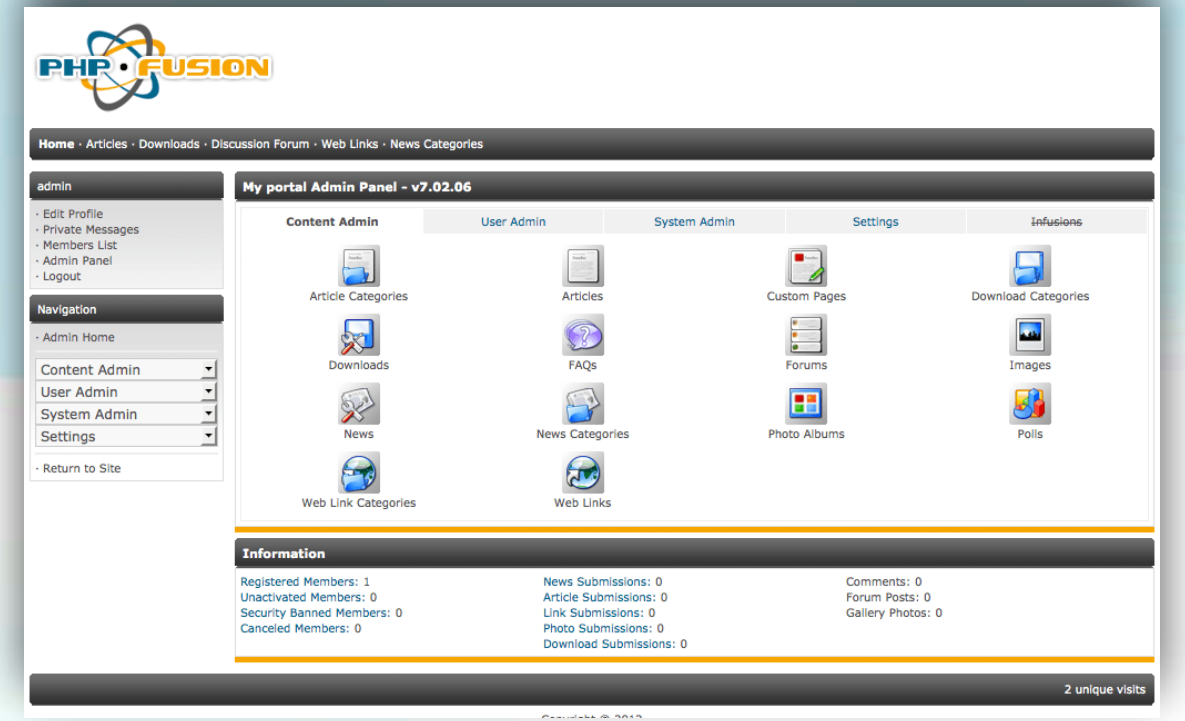
Contributed to **nais/unleasherator**, **nais/bifrost**, **nais/frontend-plattform** and 110 other repositories

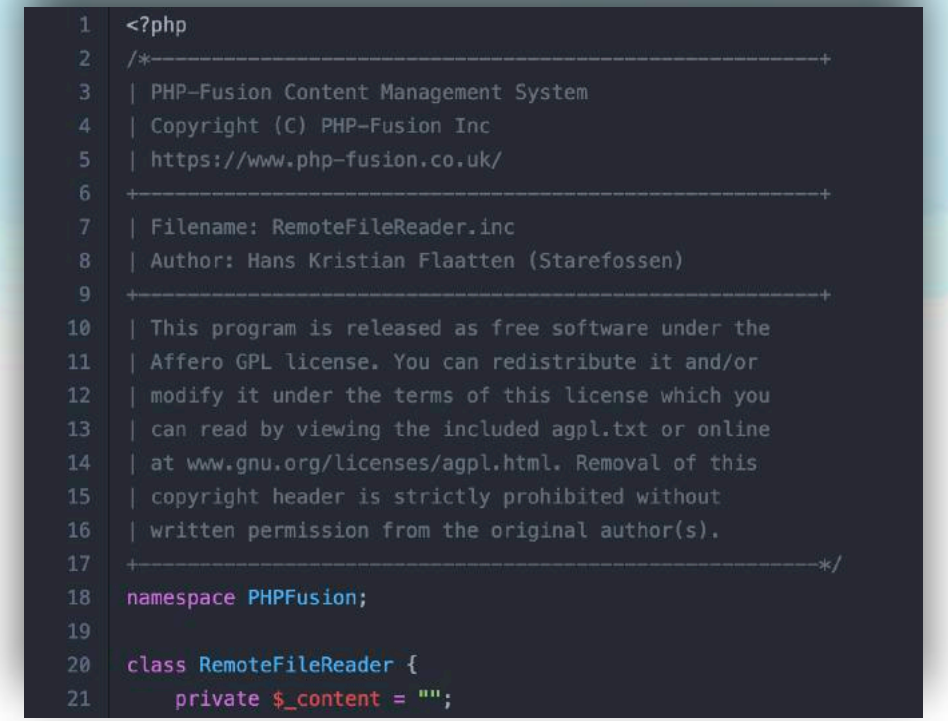


Contribution activity

November 2023

For snart 20 år siden...



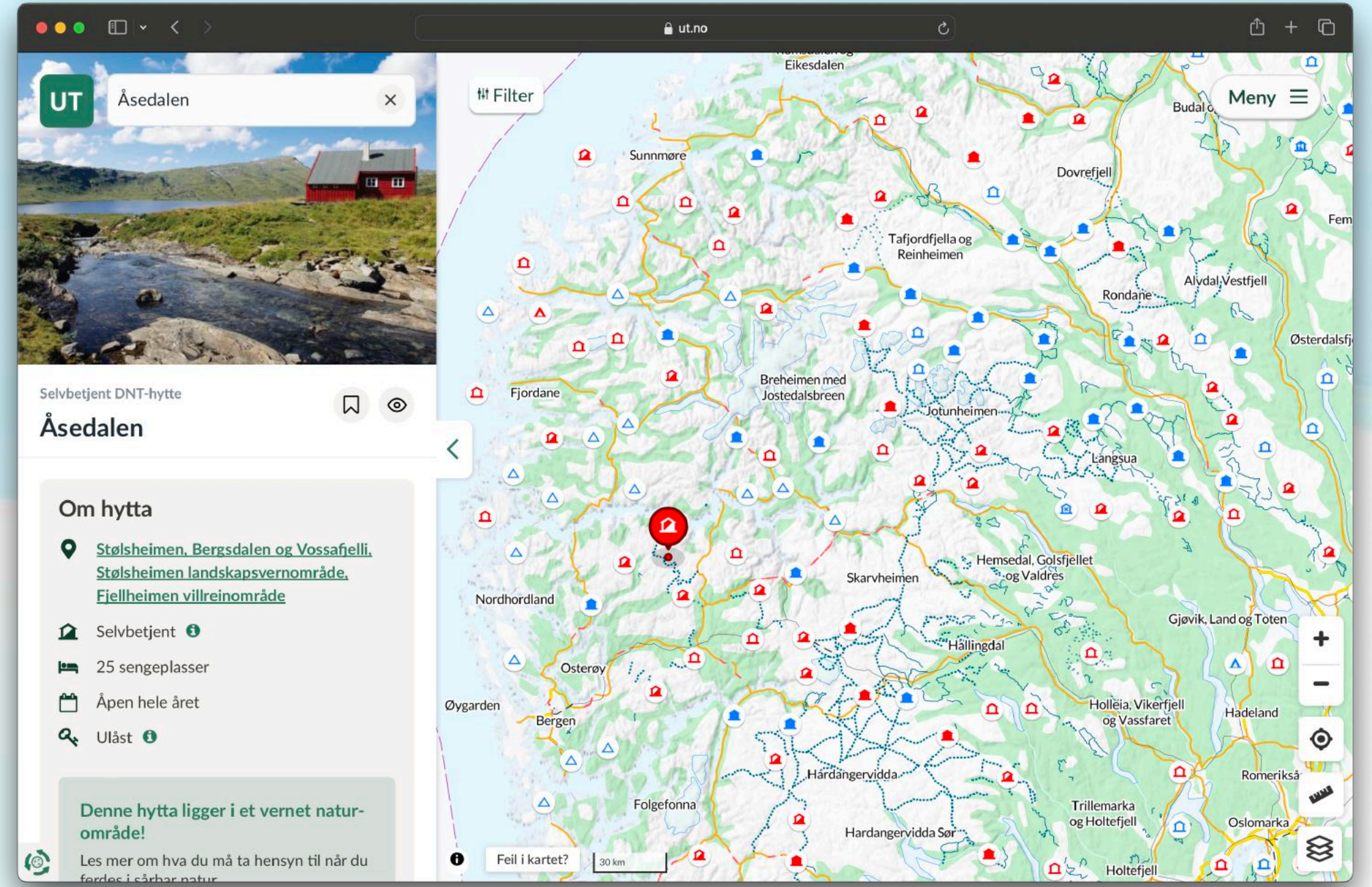


```php
<?php
/*+--------------------------------------------------------+
| PHP-Fusion Content Management System
| Copyright (C) PHP-Fusion Inc
| https://www.php-fusion.co.uk/
+--------------------------------------------------------+
| Filename: RemoteFileReader.inc
| Author: Hans Kristian Flaatten (Starefossen)
+--------------------------------------------------------+
| This program is released as free software under the
| Affero GPL license. You can redistribute it and/or
| modify it under the terms of this license which you
| can read by viewing the included agpl.txt or online
| at www.gnu.org/licenses/agpl.html. Removal of this
| copyright header is strictly prohibited without
| written permission from the original author(s).
+--------------------------------------------------------*/
namespace PHPFusion;

class RemoteFileReader {
    private $_content = "";
```


github.com/php-fusion/PHP-Fusion

LAMP
Linux
Apache
MySQL
PHP, Pearl, Python


ut.no
UT
Åsedalen
Filter
Meny
Selvbetjent DNT-hytte
Åsedalen
Om hytta
Stølsheimen, Bergsdalen og Vossafjelli, Stølsheimen landskapsvernområde, Fjellheimen villreinområde
Selvbetjent
25 sengeplasser
Åpen hele året
Ulåst
Denne hytta ligger i et vernet natur-område!
Les mer om hva du må ta hensyn til når du ferdes i sårbar natur
Eikesdalen
Sunnmøre
Dovrefjell
Tafjordfjella og Reinheimen
Rondane
Alvdal Vestfjell
Breheimen med Jostedalsbreen
Fjordane
Jotunheimen
Langsua
Skarvheimen
Hemsedal, Golsfjellet og Valdres
Nordhordland
Gjøvik, Land og Toten
Hallingdal
Osterøy
Øygarden
Bergen
Holleia, Vikerfjell og Vassfaret
Hadeland
Hardangervidda
Romeriksåsen
Folgefonna
Trillemarka og Holtefjell
Oslomarka
Hardangervidda Sør
Holtefjell
Feil i kartet?
30 km

// #boskonf

github.com

Den Norske Turistforening (DNT)

We of DNT - the Norwegian Trekking Association - are Norway's biggest outdoor activities organisation.

3 followers · Norway · http://www.dnt.no · tekno@dnt.no

Overview | Repositories 88 | Projects | Packages | People 1

Popular repositories

leaflet-routing — Public

Leaflet.Routing is a routing controller for the popular Leaflet mapping framework. The module provides an intuitive interface for routing paths between waypoints using any user specified routing se...

JavaScript · 246 · 67

node-s3-uploader — Public

Flexible and efficient resize, rename, and upload images to Amazon S3 disk storage. Uses the official AWS Node SDK for transfer, and ImageMagick for image processing. Support for multiple image ver...

JavaScript · 240 · 61

node-mongo-querystring — Public

Query builder for accepting URL query parameters into your MongoDB queries. Safe and feature rich. Supports most of MongoDB's query operators such as $eq, $gt, $lt, $ne, $in, $nin, $exists, $regex,...

JavaScript · 98 · 29

sentry — Public

Production ready Sentry configuration for Docker Compose

Python · 36 · 10

node-aspectratio — Public

Image aspect ratio calculation utility

JavaScript · 20 · 1

node-im-resize — Public

Efficient image resize with multiple versions support

JavaScript · 20 · 11

People

Top languages

JavaScript · Shell · CoffeeScript · Python · HTML

Most used topics

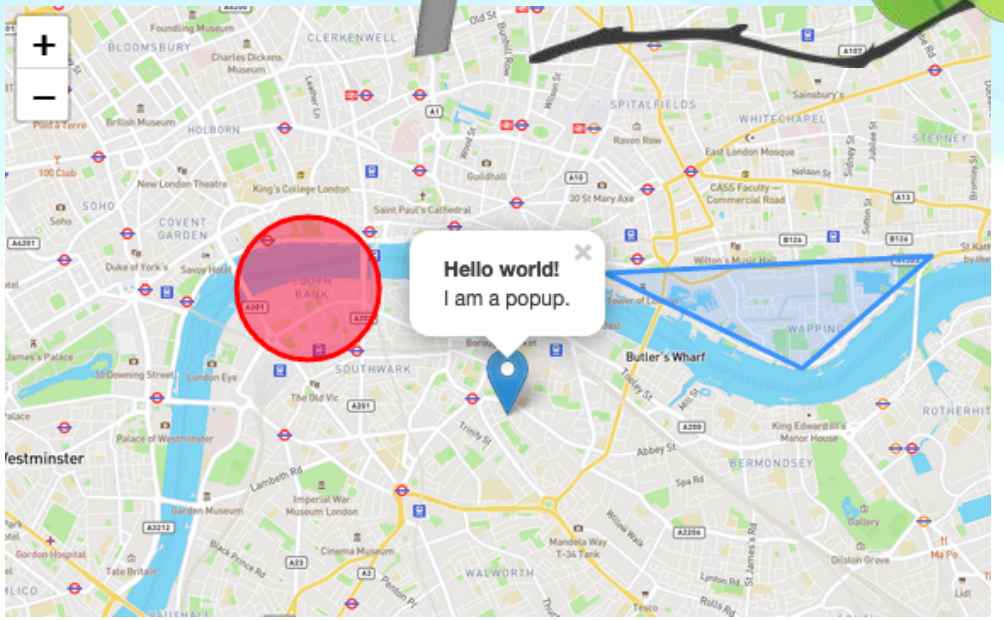
nodejs · npm-package

Repositories

// #bo

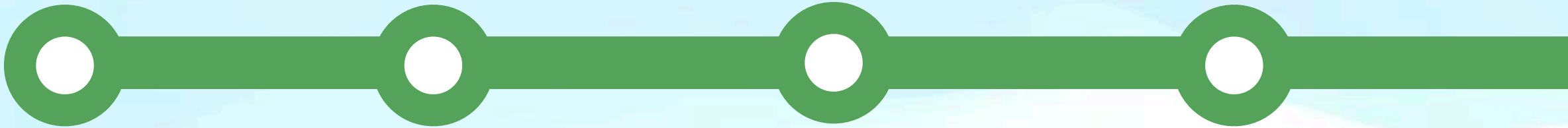
PostGIS

Leaflet



// #boskonf

M E A N



2009 Ryan Dahl

2010 npm

2012 Isaac Schlueter

2014 T. J. Fontaine

- Founded in 2014
- Enterprise Cloud Infrastructure
- Hosted Twitter, LinkedIn, ++
- Stewart of Node.js (since 2010)
- Acquired by Samsung in 2016

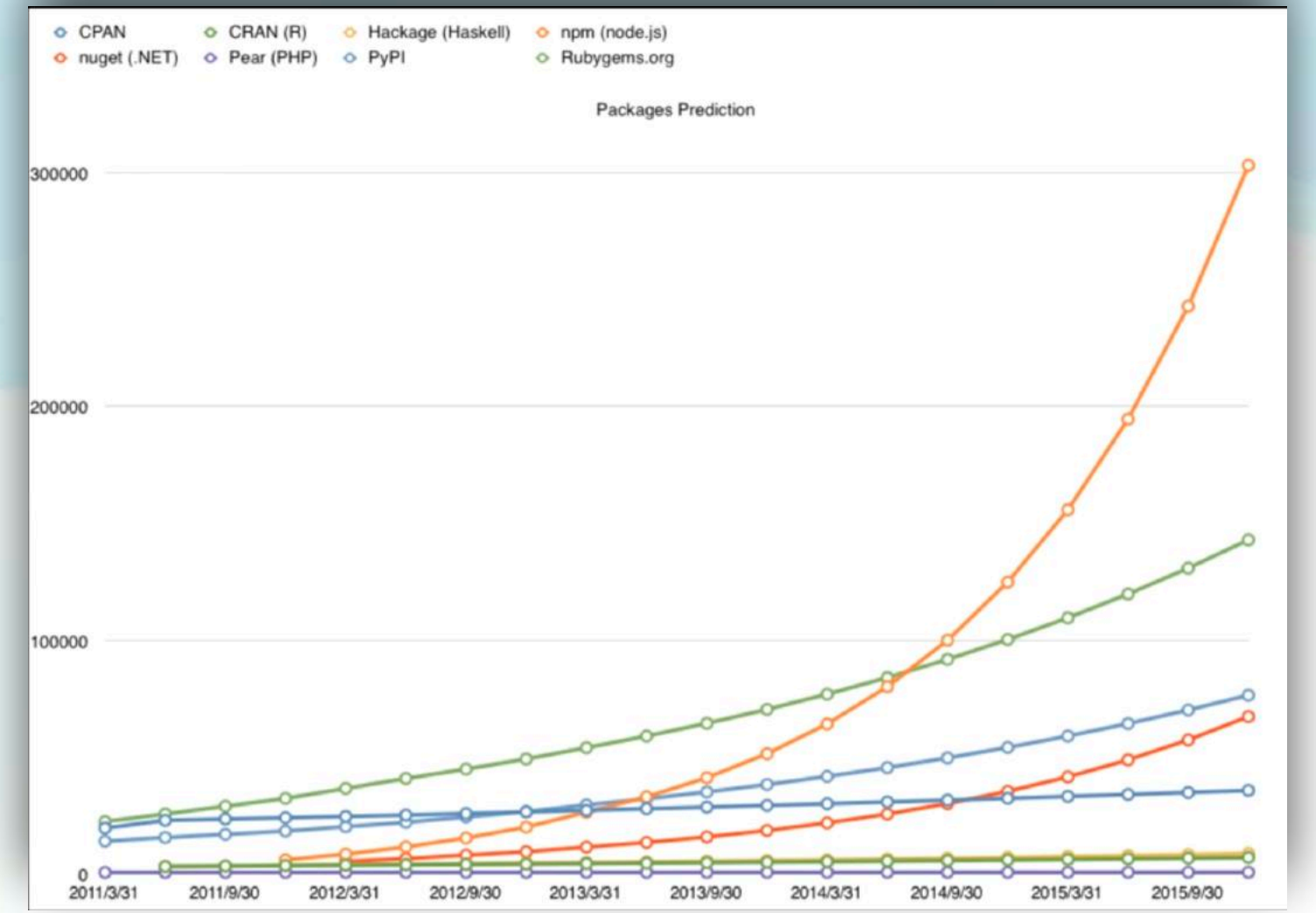
Open Source Governance Models

BDFL

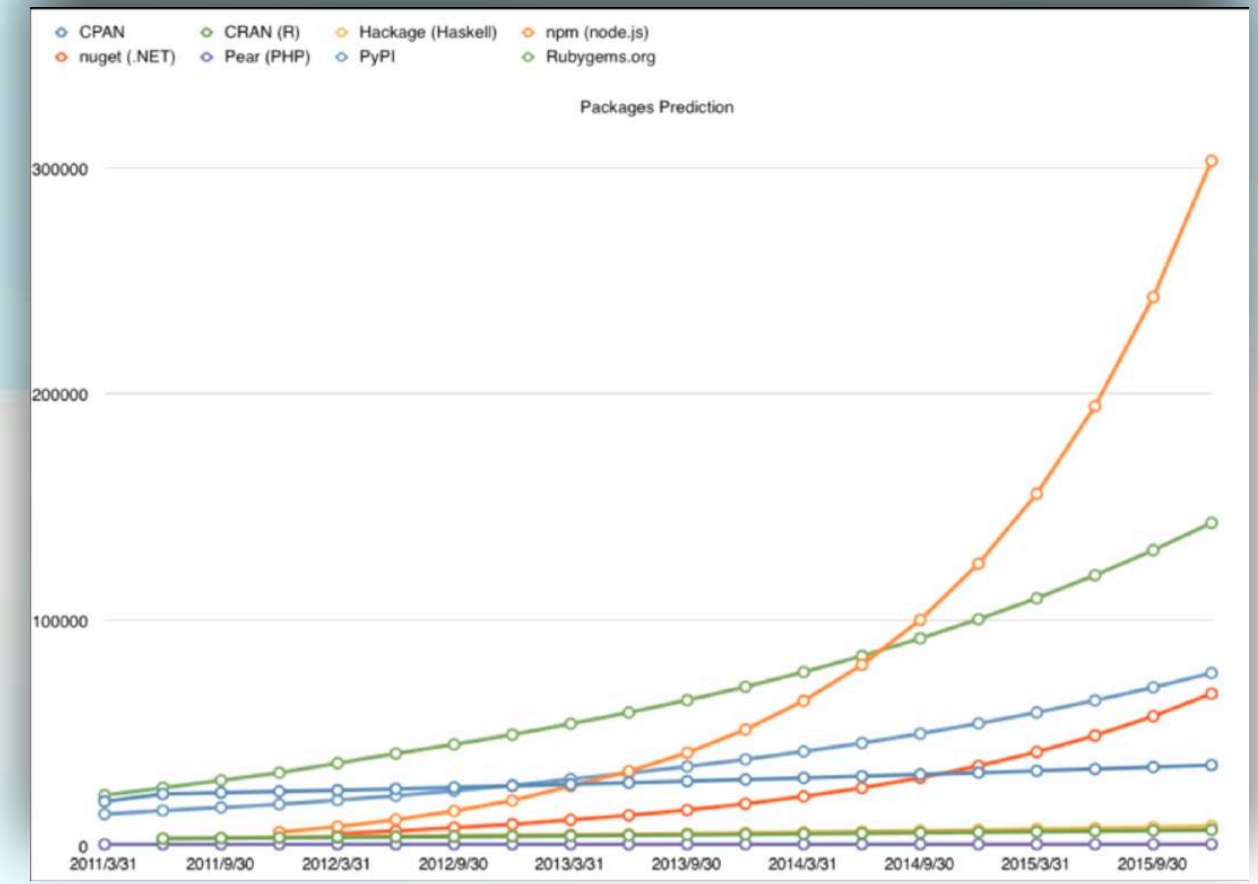
Corporate

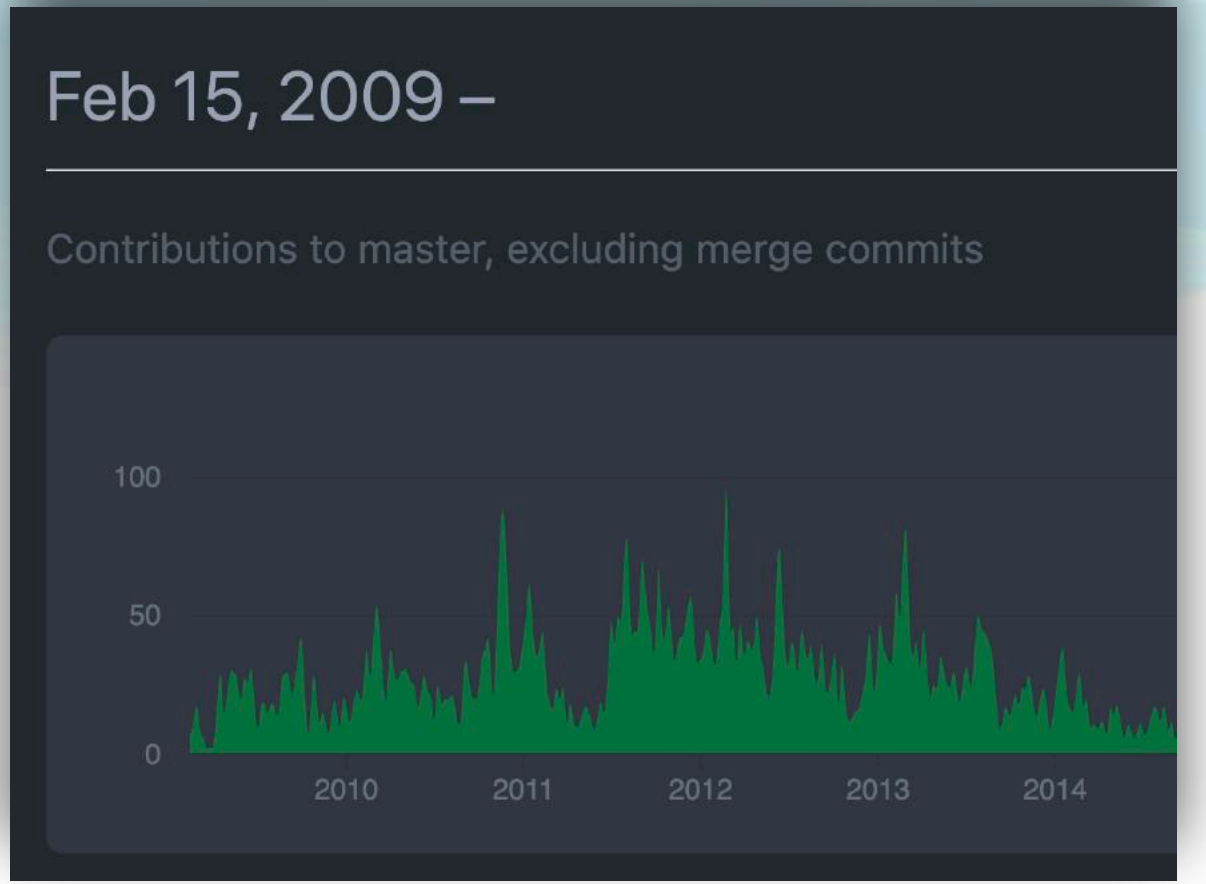
Open Governance

Growth of Node.js (2011 - 2014)

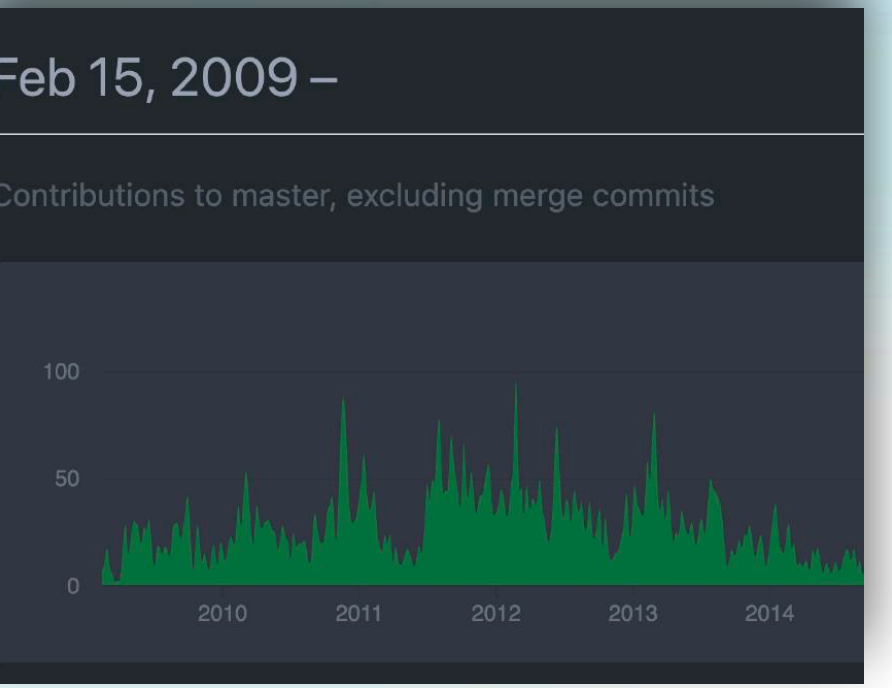


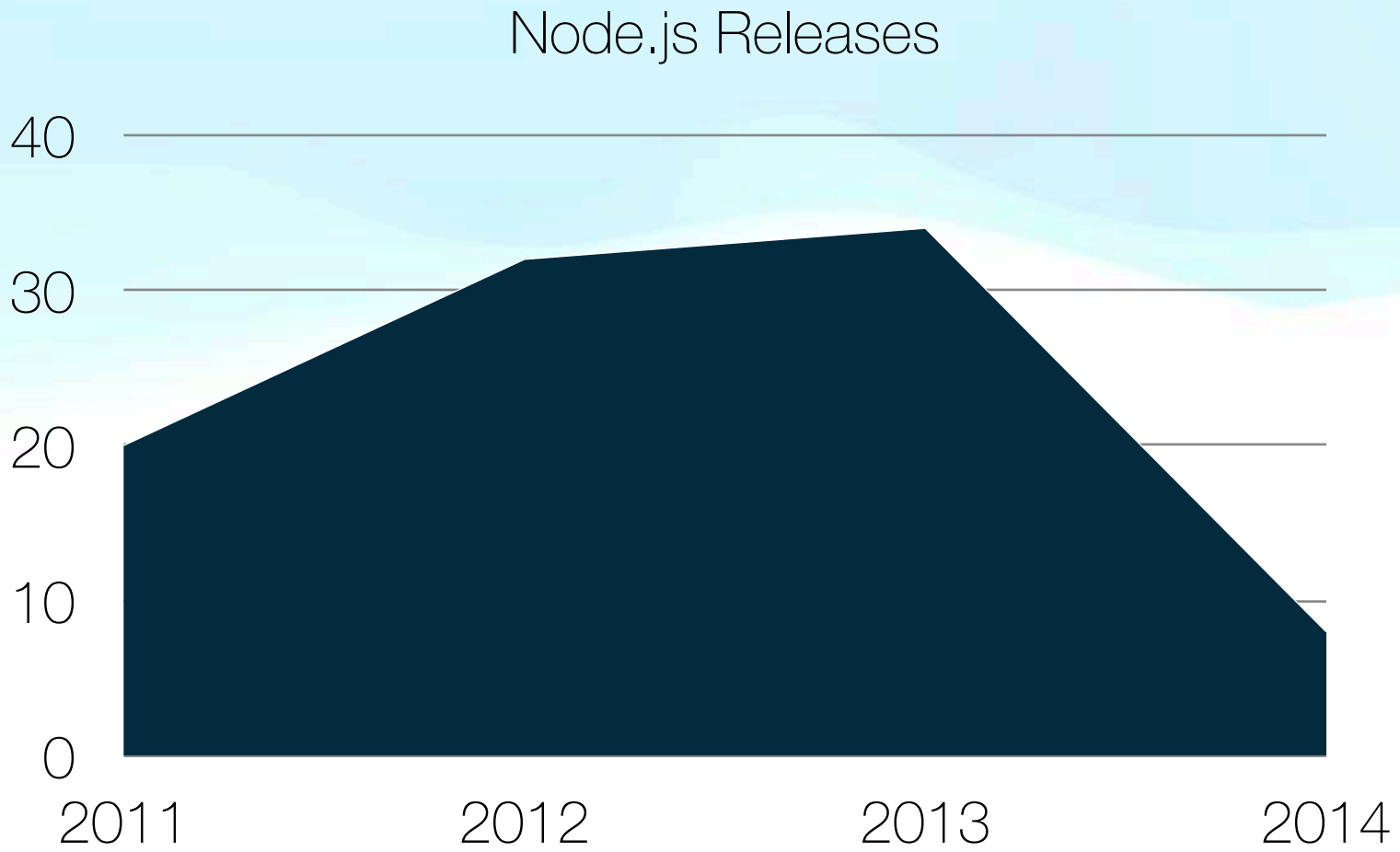
Growth of Node.js (2011 - 2014)



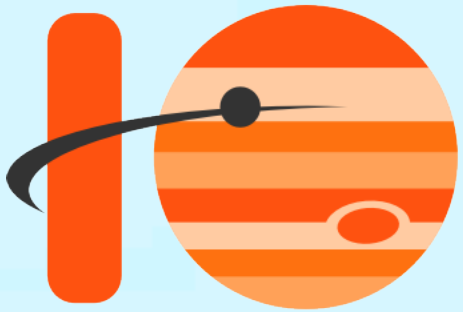


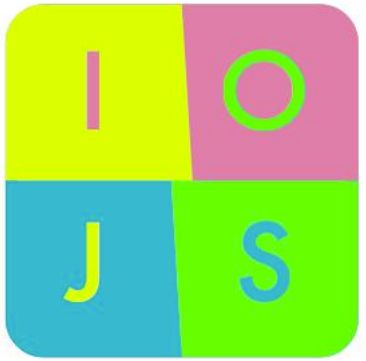
Growth of Node.js (2011 - 2014)





Node Forward





// #boskonf

github.com/nodejs/node/issues/37

io.js

- Fork of Node.js v0.12 (unreleased)
- Open Governance
- Up-to date v8
- SemVer
- Timely releases
- Official ABI – Libuv

io.js

Fedor Indutny

Trevor Norris

Isaac Schlueter

Ben Noordhuis

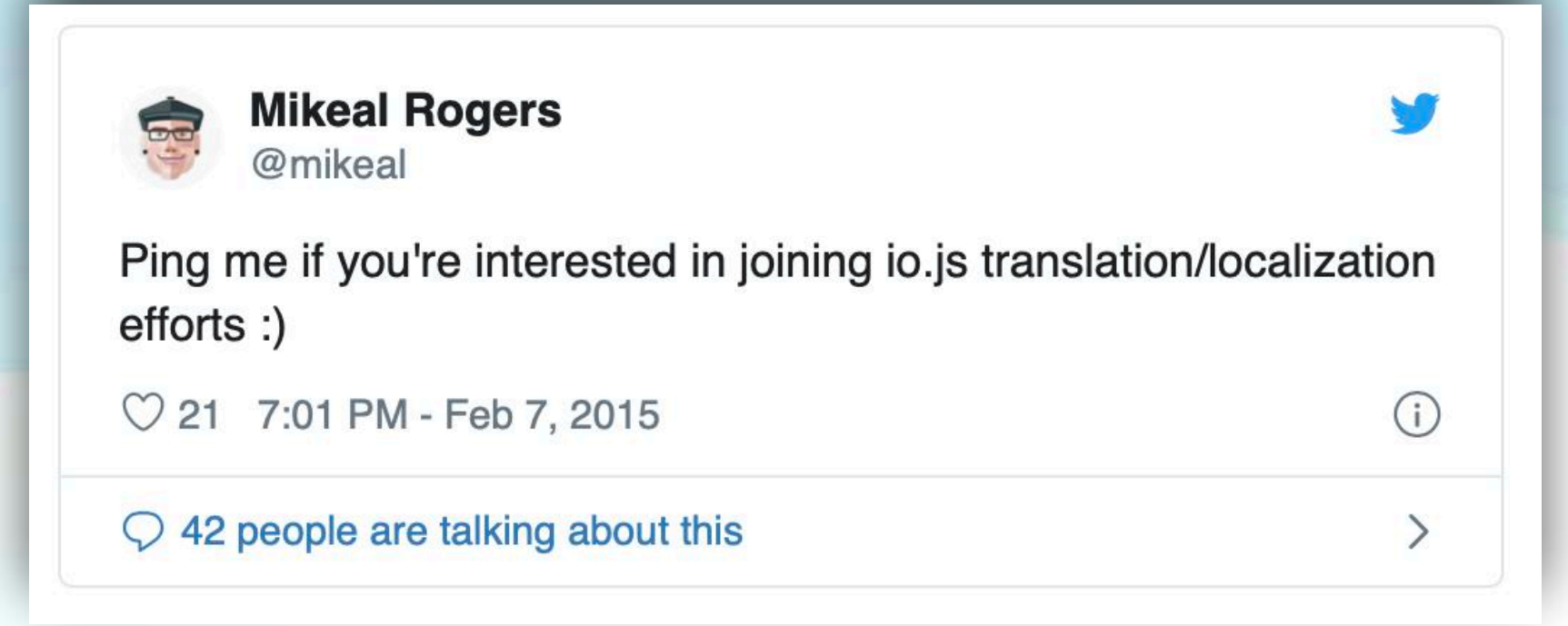
Bert Belder

Rod Vagg

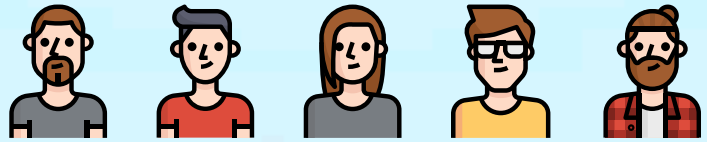
Mikeal Rogers

OPEN
Open
Source

“Individuals making significant and valuable contributions are given commit-access to the project to contribute as they see fit. This project is more like an open wiki than a standard guarded open source project.


Mikeal Rogers
@mikeal
Ping me if you're interested in joining io.js translation/localization efforts :)
21 7:01 PM - Feb 7, 2015
42 people are talking about this

io.js Governance



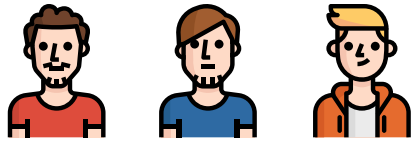
TSC

Docker WG

Website WG

Benchmarking WG

Build WG



Evangelism WG

Core Collaborators

io.js

v1.0.0

2015-01-20

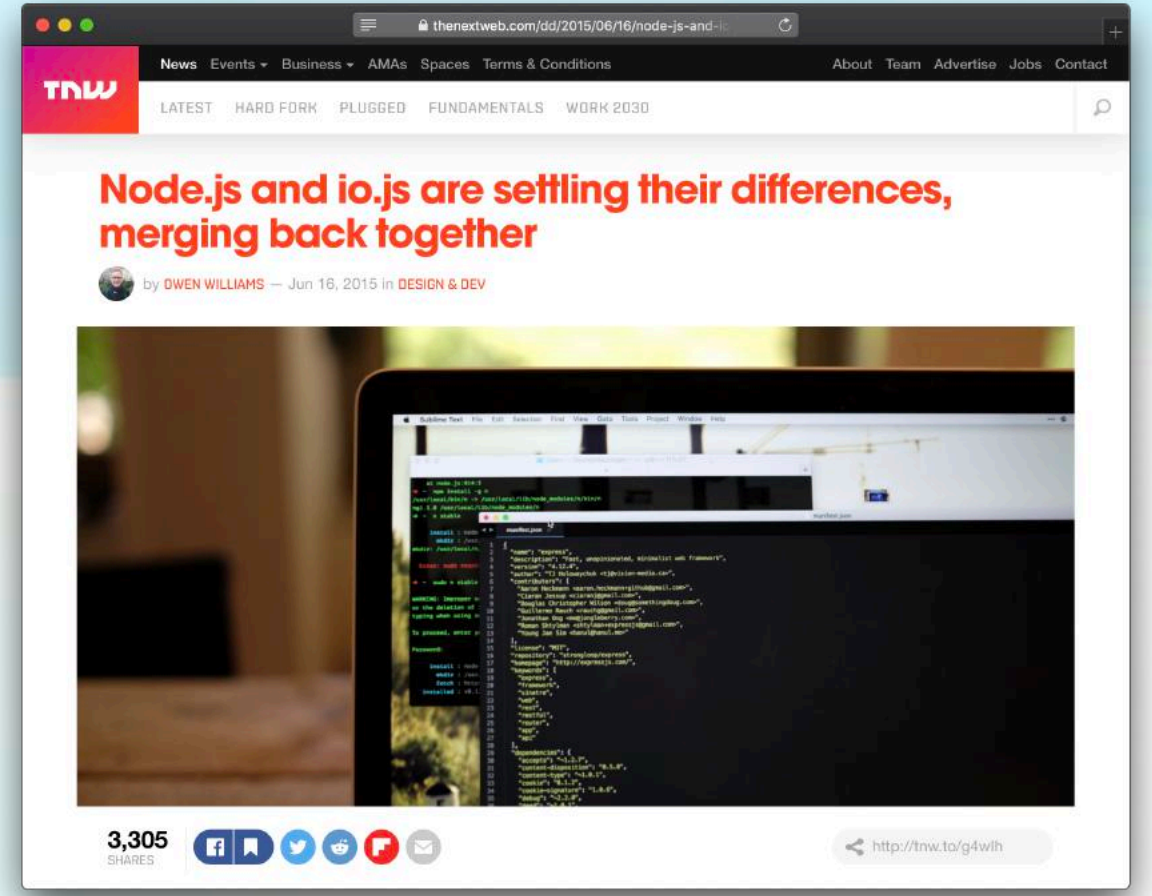
v2.0.0

2015-05-04

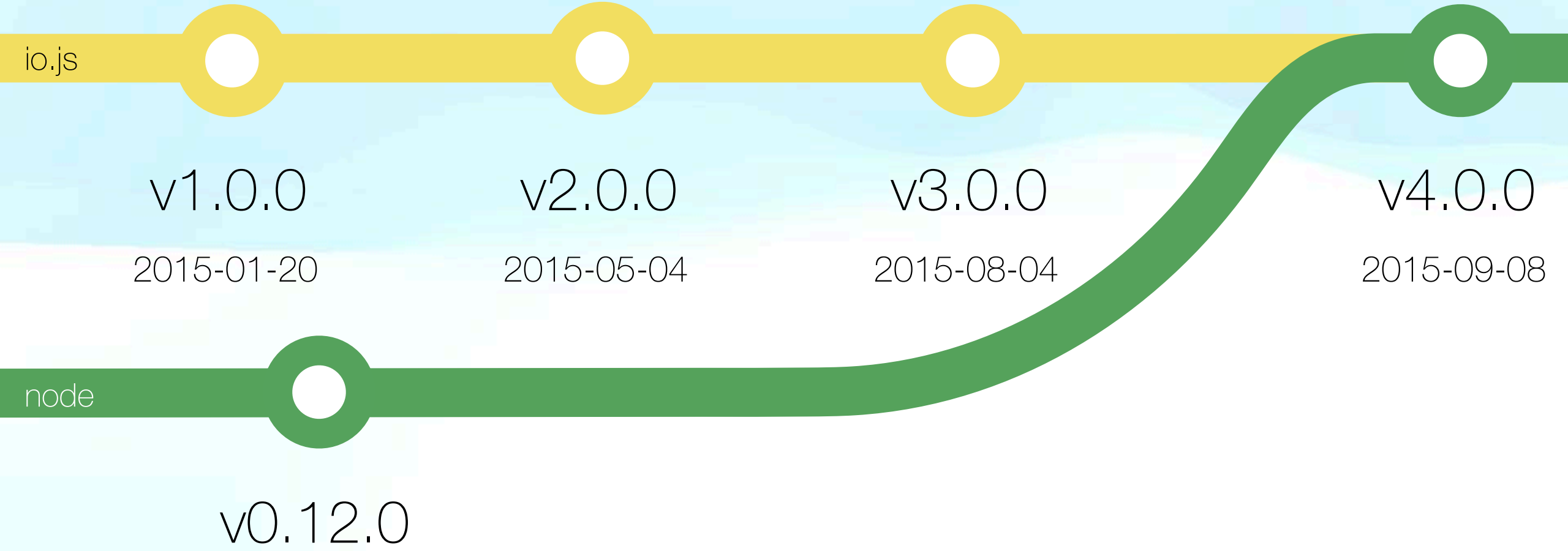
v3.0.0

2015-08-04

A Foundation is Bourn



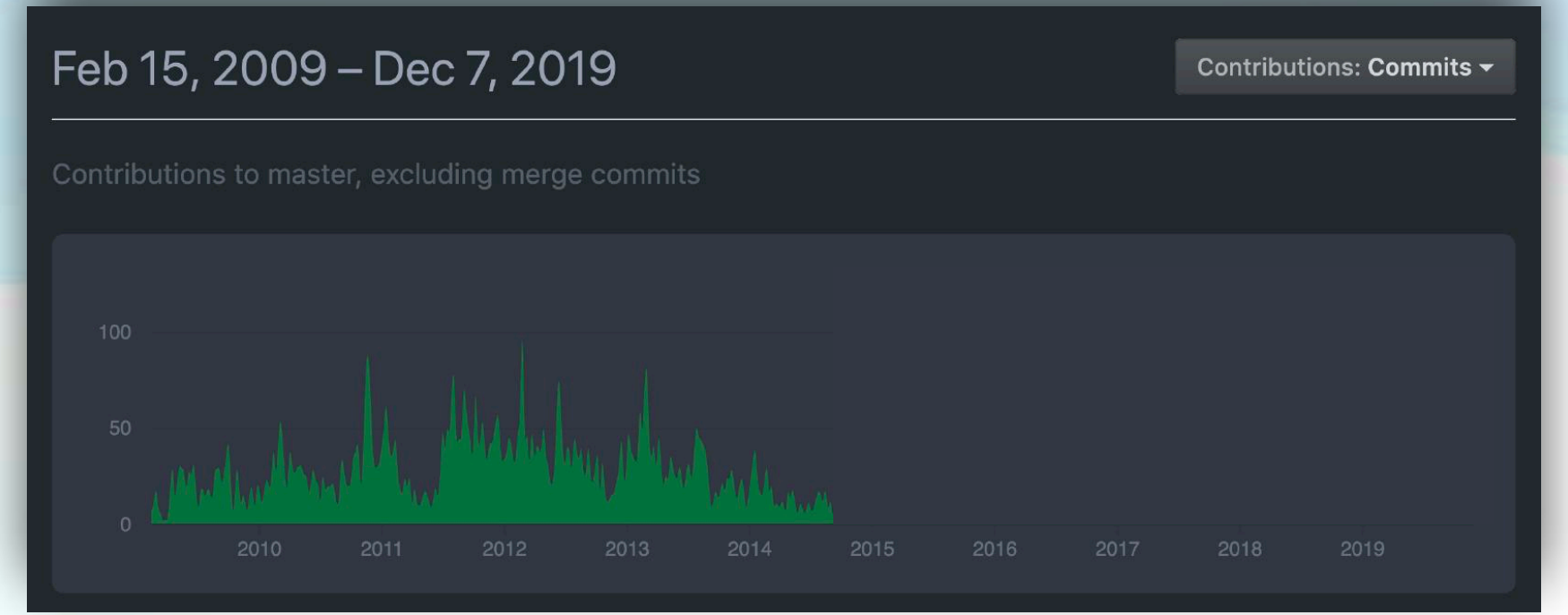

```
$ mv iojs nodejs
$ git push
$ _
```

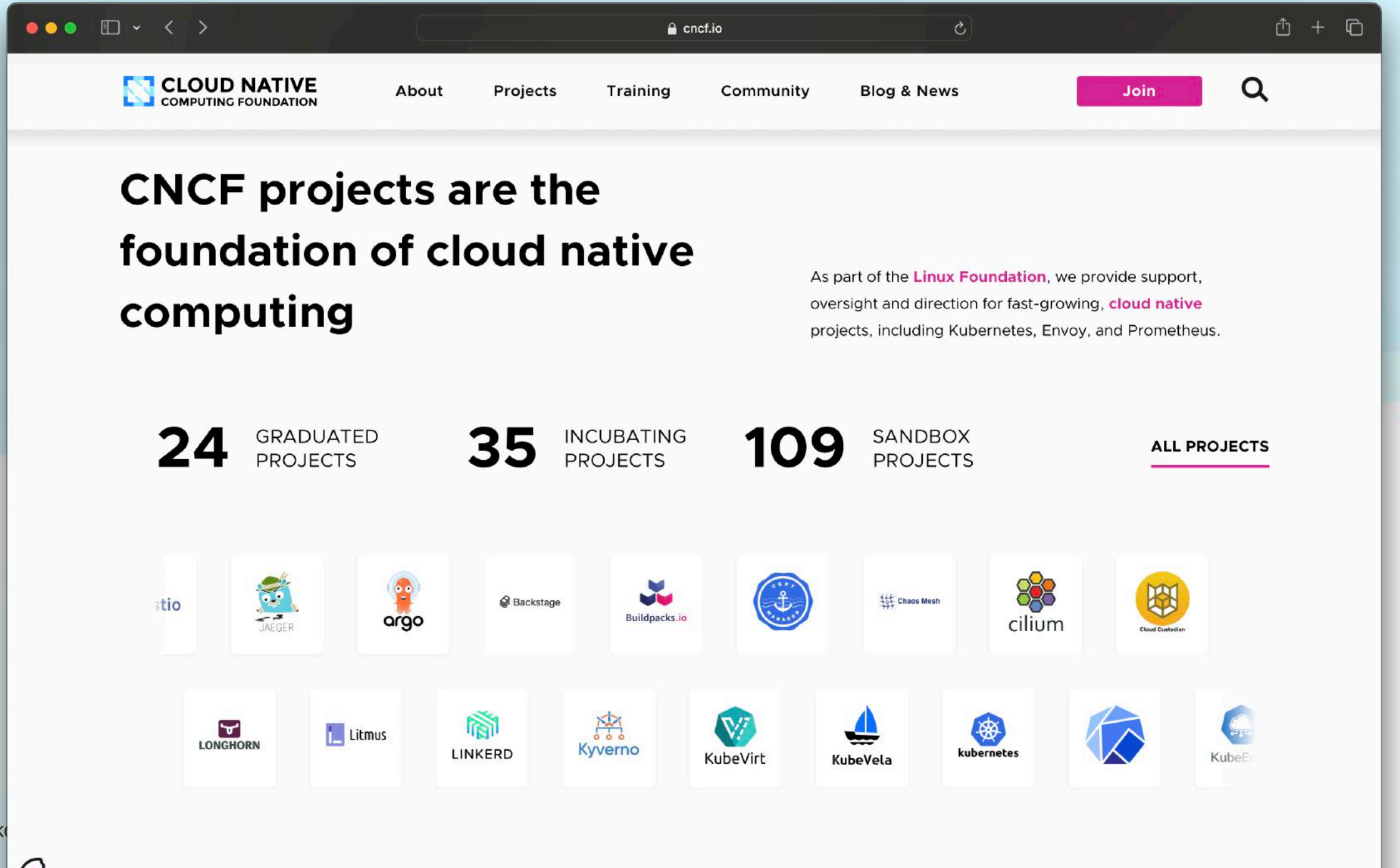

io.js
v1.0.0
2015-01-20
v2.0.0
2015-05-04
v3.0.0
2015-08-04
v4.0.0
2015-09-08
node
v0.12.0

// #boskonf

First Node.js Contributor Summit in San Francisco

Growth of Node.js




cncf.io
CLOUD NATIVE
COMPUTING FOUNDATION
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Projects
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Community
Blog & News
Join
CNCF projects are the foundation of cloud native computing
As part of the Linux Foundation, we provide support, oversight and direction for fast-growing, cloud native projects, including Kubernetes, Envoy, and Prometheus.
24 GRADUATED PROJECTS
35 INCUBATING PROJECTS
109 SANDBOX PROJECTS
ALL PROJECTS
JAEGER
argo
Backstage
Buildpacks.io
Chaos Mesh
cilium
Cloud Custodian
LONGHORN
Litmus
LINKERD
Kyverno
KubeVirt
KubeVela
kubernetes

// #bosk

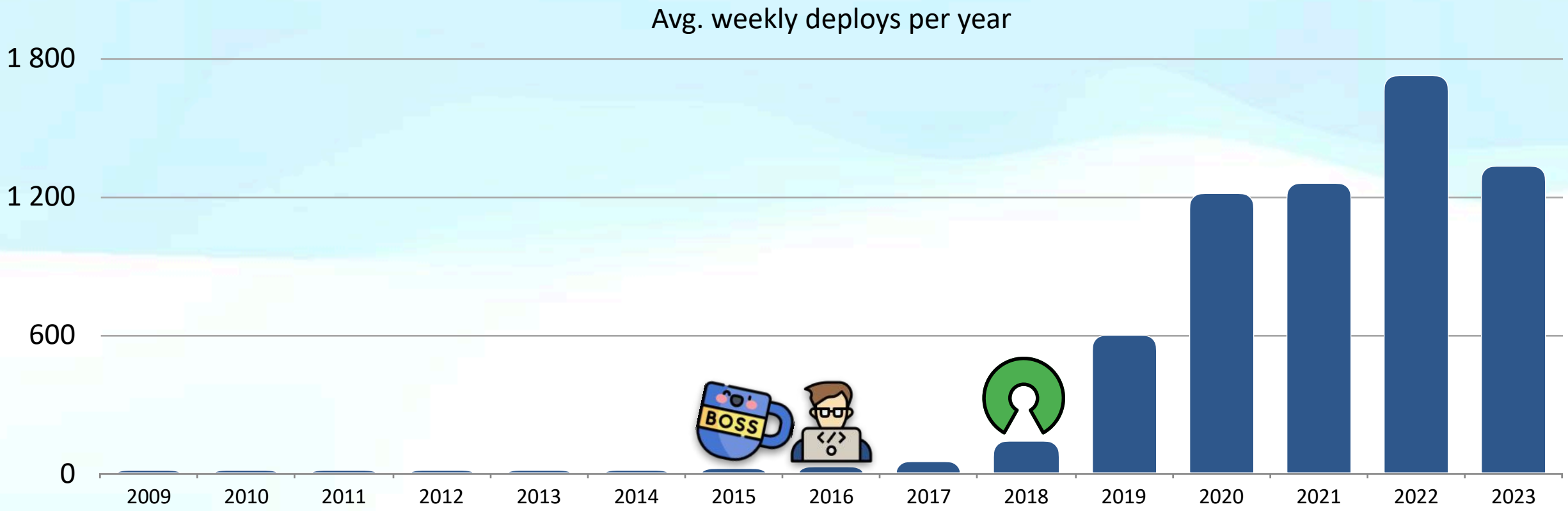
- Code from 1970 in prod
- 1/3 of the national budget
- 20.000 employees
- ~800 developers*
- 2.000 public repositories

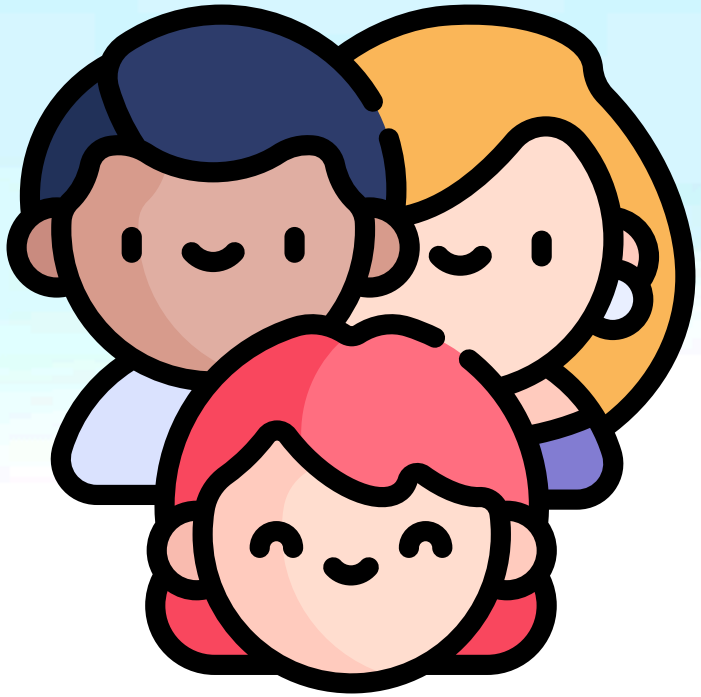
*employees and consultants with GitHub account from NAV

Enterprise IT

Source: The Phoenix Project

...then something changed!





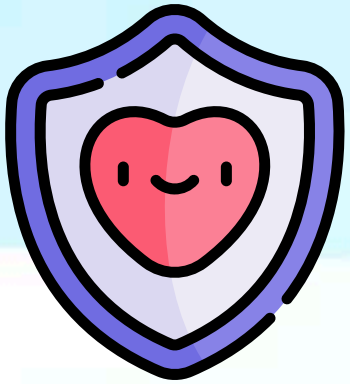
The Product Team

Gulp
Sass
HTML
JS
JS
TS
GO
CSS
BABEL
OpenJDK
npm

Sass
Gulp
JS
TS
HTML
CSS
BABEL
npm
OpenJDK

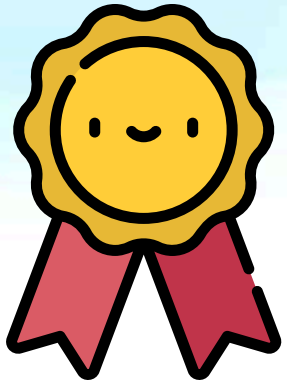
OPEN
ALL THE REPOS
imgflip.com

Why Open Code?



Trust

Sustainability

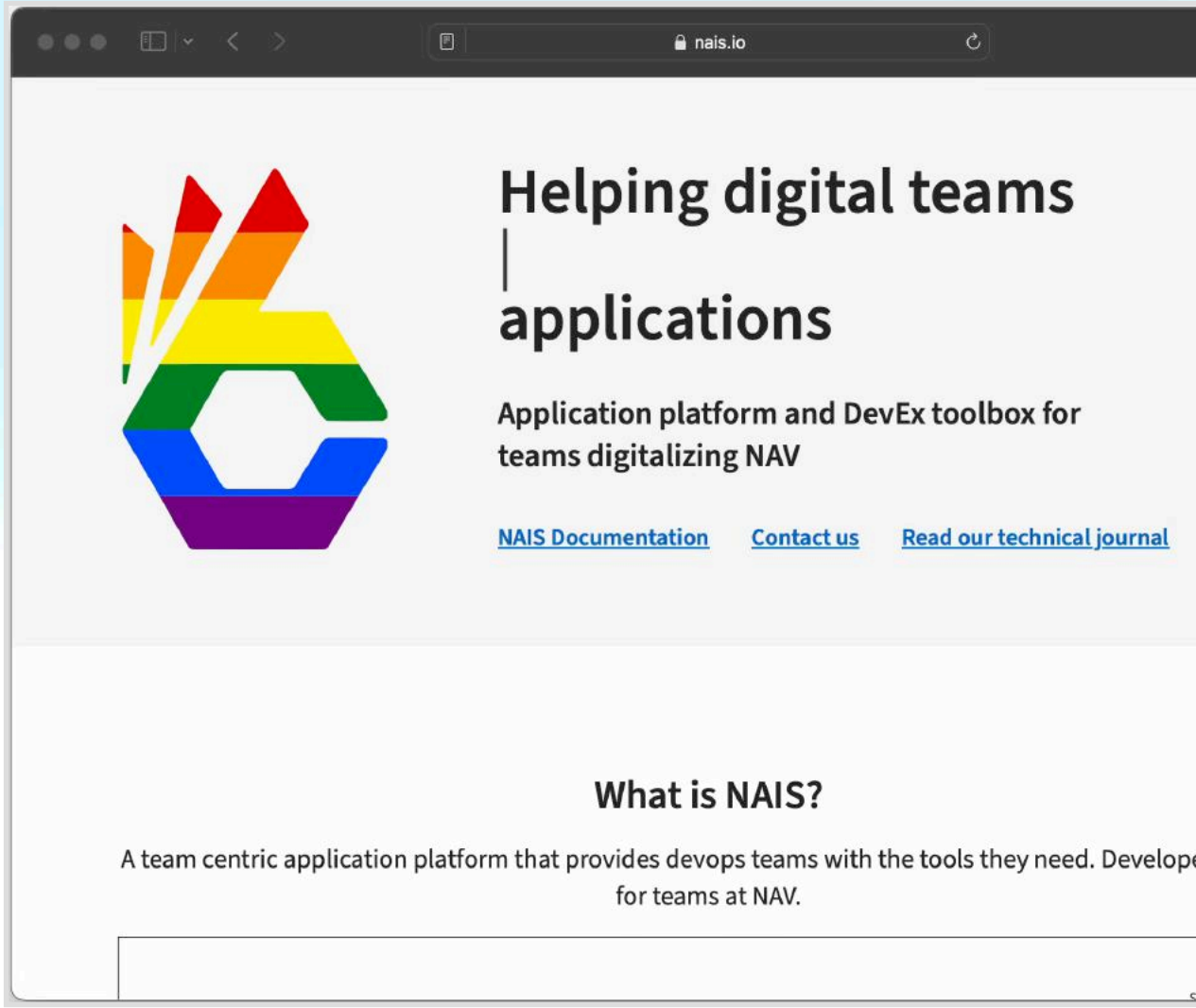


Quality

Talent

Success Story: NAIS

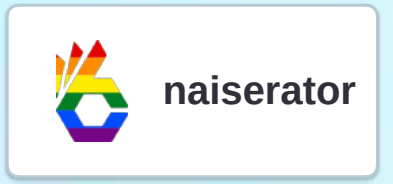
- Internal Developer Platform
- For autonomous teams
- Based on Kubernetes
- On-prem and Cloud
- ~2000 applications

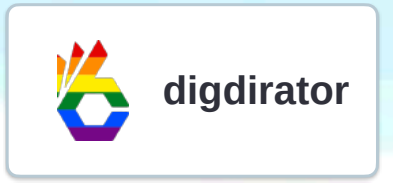


https://nais.io

Success Story: NAIS

```yaml
apiVersion: "nais.io/v1alpha1"
kind: "Application"
metadata:
  name: "my-app"
  namespace: "my-team"
  labels:
    team: "my-team"
spec:
  image: "ghcr.io/navikt/my-app:my-tag"
  ...
```





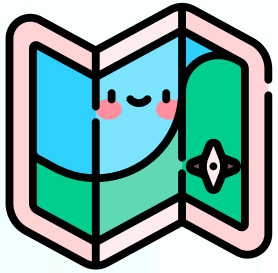
And more...

Collaboration outside NAV

Tax Authority

Norwegian Police

Statistics Norway



Mapping Authority

Food Safety Authority

Public PaaS Norway

https://offentlig-paas.no

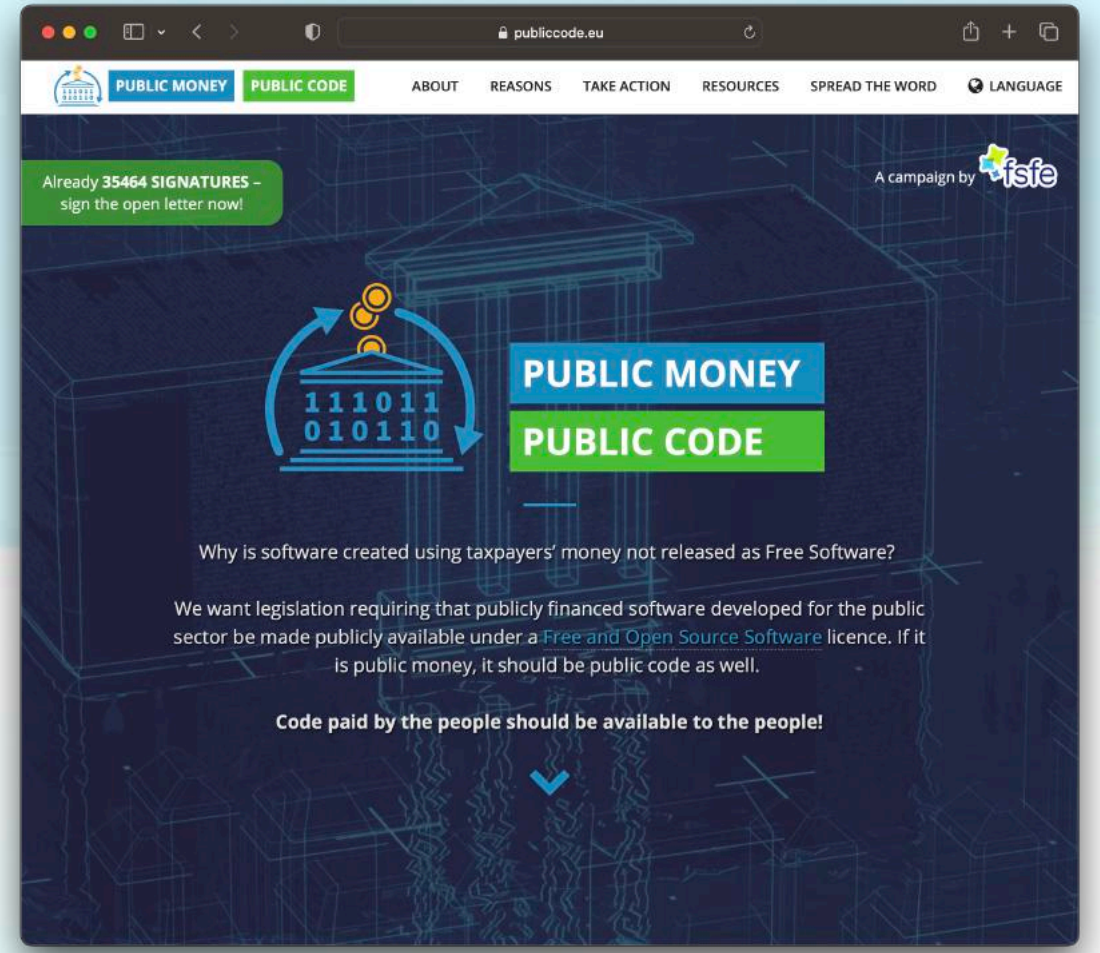
få andre perspektiver
overview of platform aas
utvikling
vår egen konferanse
drøfte standarder
networking
vurderinger
nettverksbygging
delingsarena
utvikleropplevelse
dele erfaring
new ideas
standardisere i off sek
kompetansedeling
kunnskapsdeling
fellesskap
alternativer
war stories
share insights
erfaringsutveksling
leverandører i sjakk
perspektiv
samfunnsnyttig
workshop
lære
deling
slack channel
discussions
erfaringer av andre
hands on workshop
ψ feil
sosialisering
tools
samarbeid
workshops
tech alignment
nettverking
åpen kode
inspiration
inspirasjon
læring
erfaring
diskusjoner
architecture
run the code
grassrota
faglig input
ideer
erfaringer
fagdag
postmortem
paneldebatter
flere samlinger
erfaringsdeling
fagdager
lunsj
møte folk
høre erfaringer
mingling
gratis
andre perspektiv
sharing experience
disasterstories
show code
kunnskap
uformelt
share real use cases
se hva andre firma gjør

Open Source in Norwegian Government

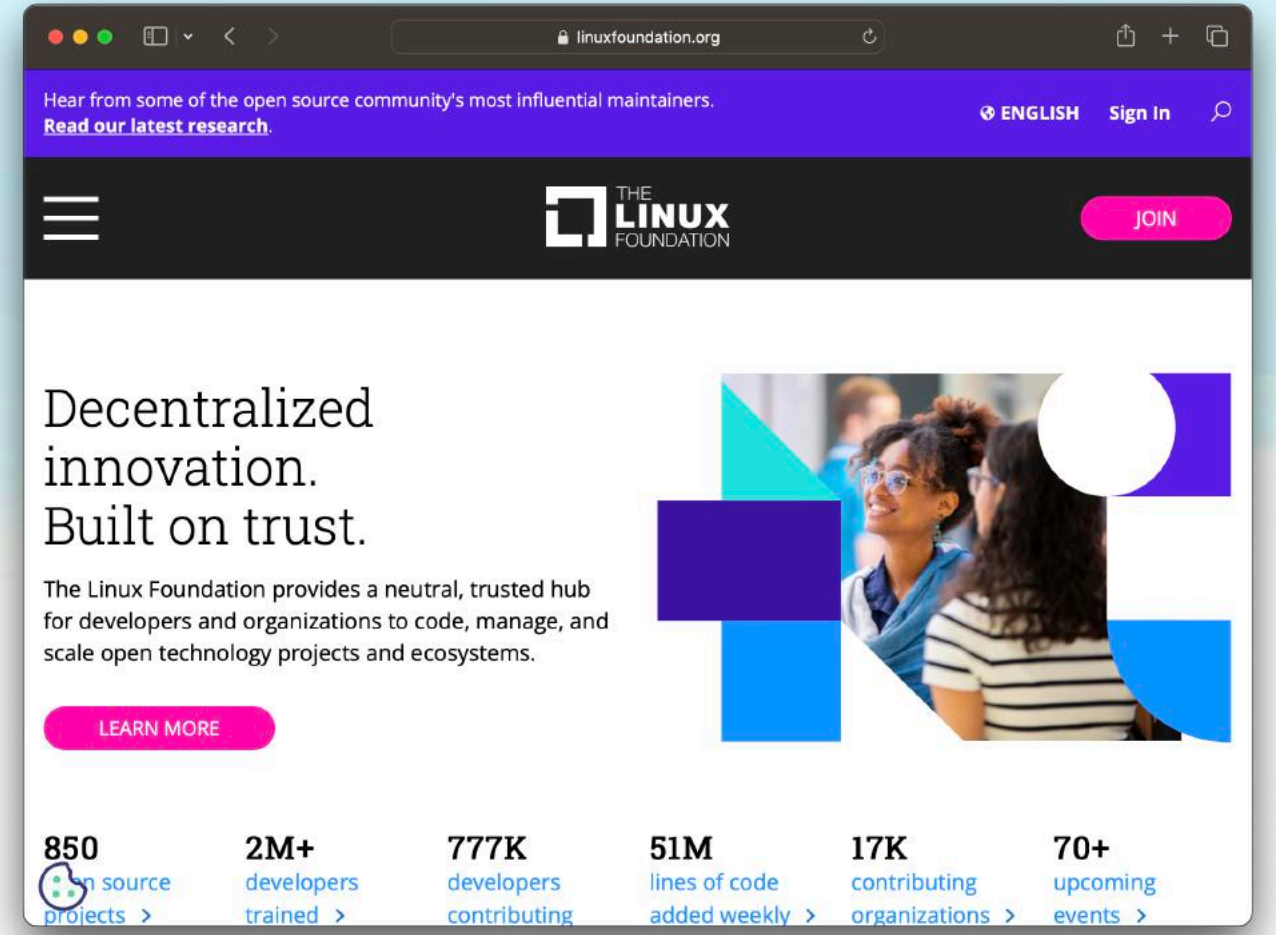
- Statistics Norway
- Avinor
- Norsk-Tipping
- Digipost
- Norwegian Postal Services
- State Pension Found
- Altinn
- Entur
- Equinor
- Broadcast Corporation (NRK)
- Mapping authority
- Trondheim municipality
- NIVA Environmental Data Science & Informatics
- Tax Authority
- Labor and Welfare Administration (NAV)
- Oslo municipality
- Directorate for Civil Protection and Emergency
- Bergen municipality
- Road Administration
- Norwegian Public Roads Administration
- Norwegian Coastal Administration
- Brønnøysundregistrene
- Digitalisation Agency
- Food Safety Authority
- Environment Agency
- Office of the Auditor General
- Customs Administration
- Directorate for Education and Training
- Consumer Council
- Biodiversity Information Centre
- Directorate for Administration and Financial Management
- National Library of Norway
- Sikt
- Vy

35

github.com/MikAoJk/norwegian-public-organizations



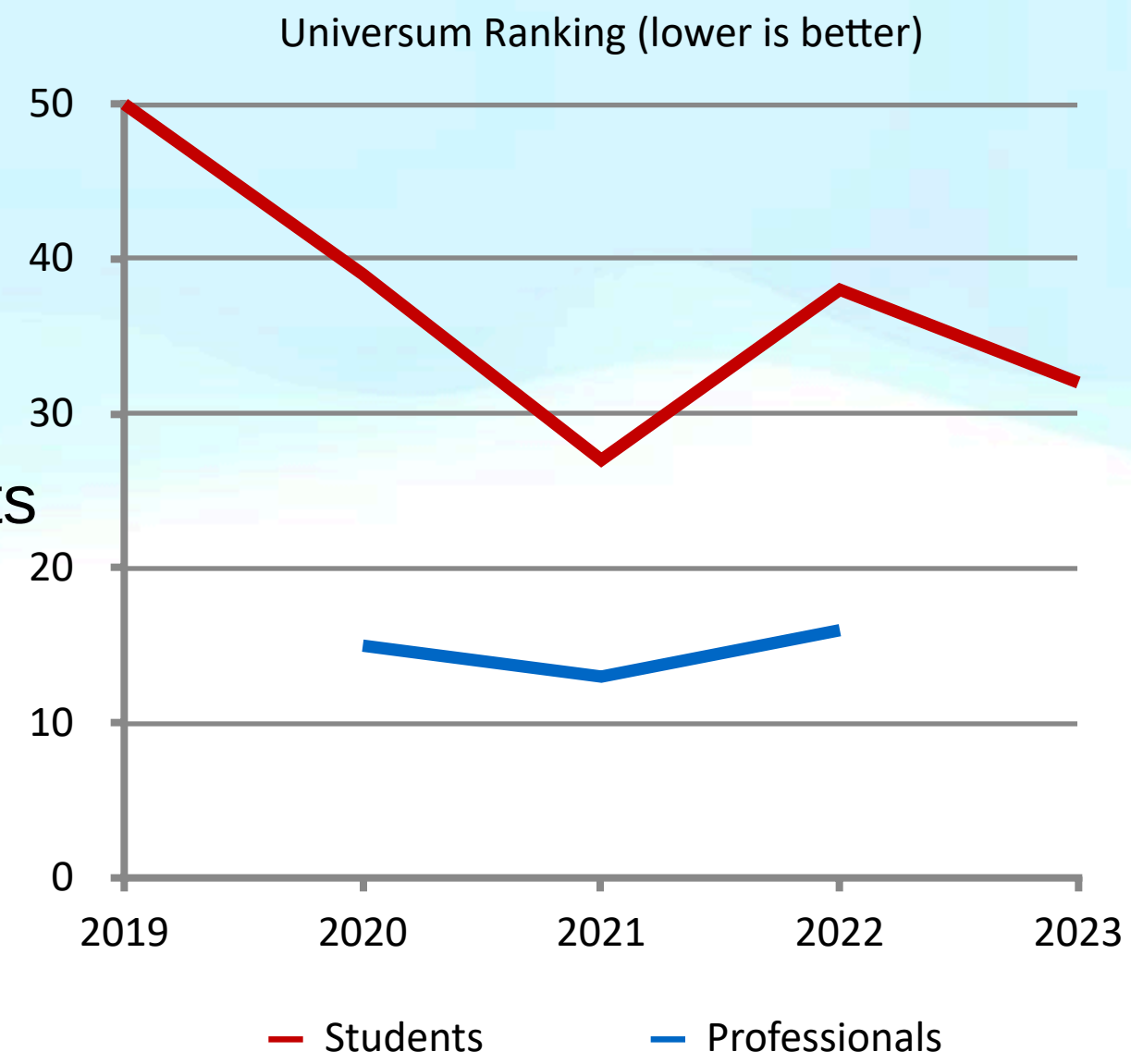
publiccode.eu



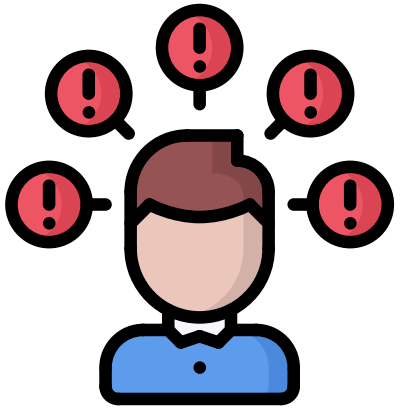
linuxfoundation.org/about/members

Attracting talent

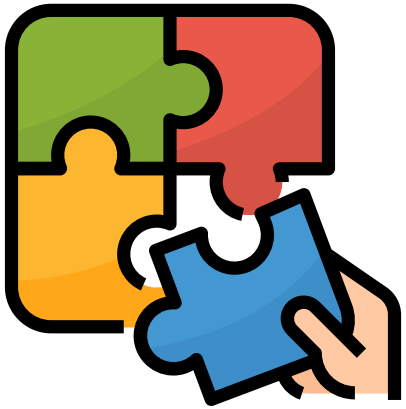
- Competitive market
- Makes us visible
  - 2x increase in applicants
  - 600 applicants in 2023
- Employee satisfaction



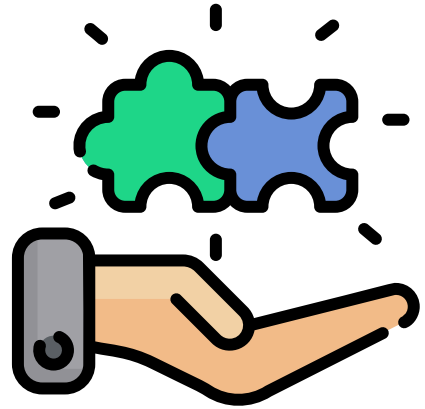
How to Open Source



1. Have a need



2. Solve the problem



3. Share the solution

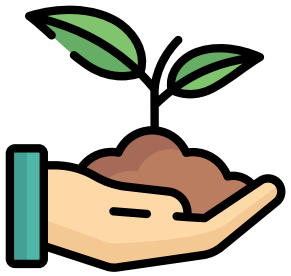
How To Start Contributing

Docs

Support

Website

Fix Bugs



Build Trust

nav

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