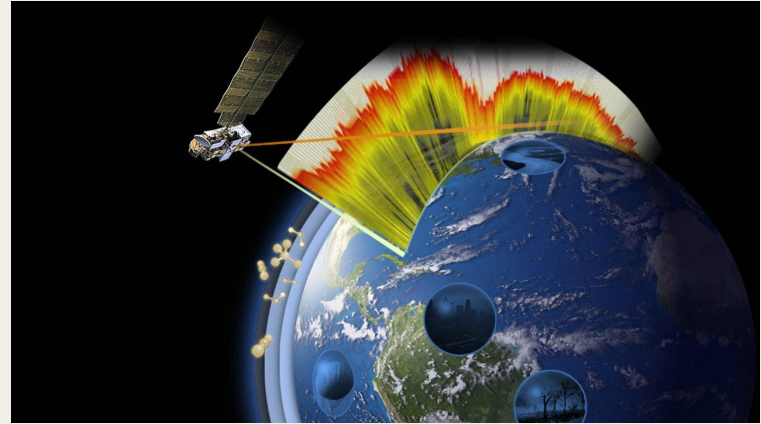


State of the OpenSSL Community

3.6

Jon Ericson
Communities Manager
OpenSSL Foundation
October 7, 2025
Prague

My first dream job



$\} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$

The dream of processing data!

JPL D-41884

**Earth Observing System (EOS)
Aura Spacecraft**

Tropospheric Emission Spectrometer (TES)



Level 3 (L3) Data/Plot User's Guide

Version 1.0

December 17, 2007





A cultural history

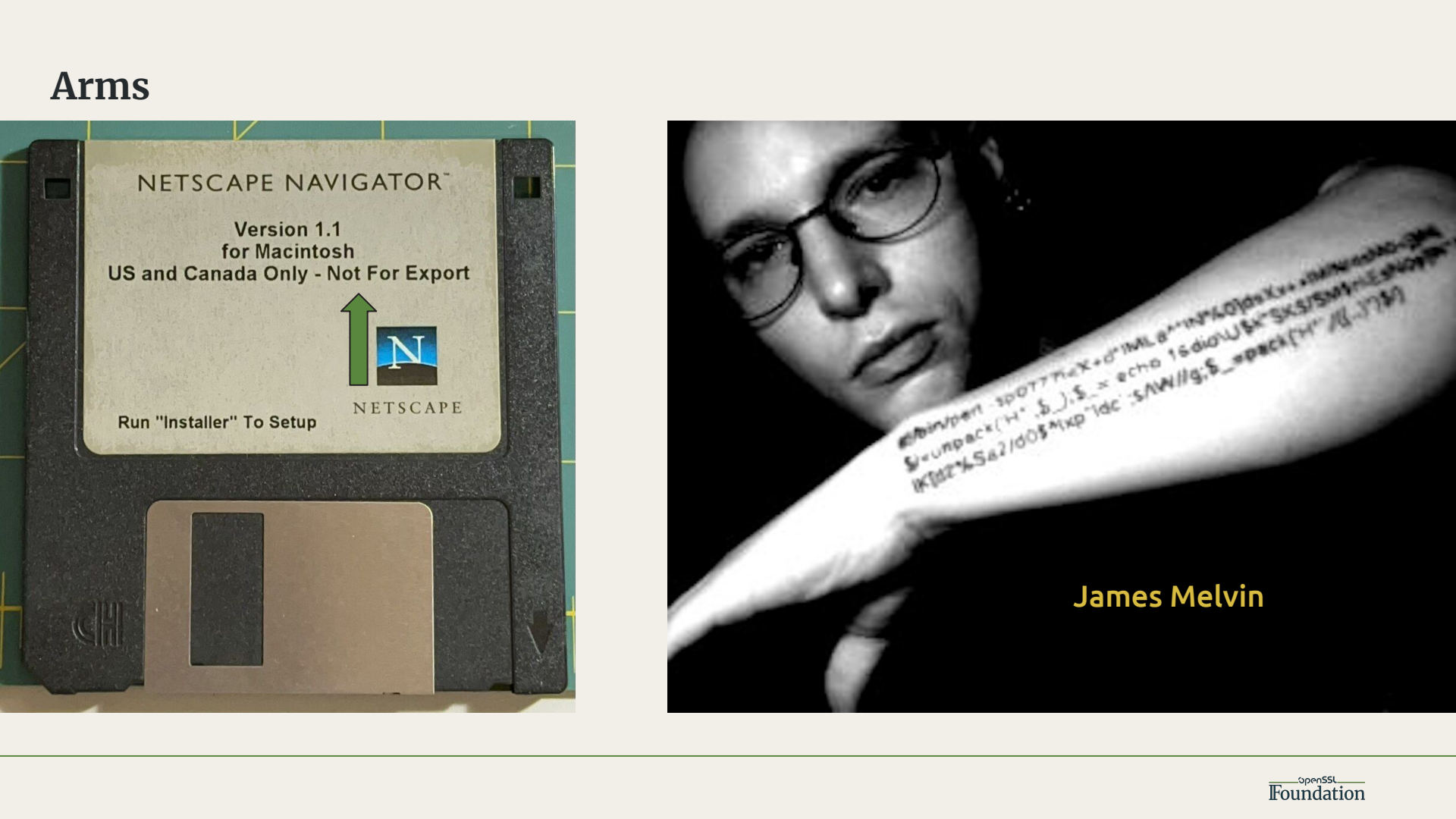
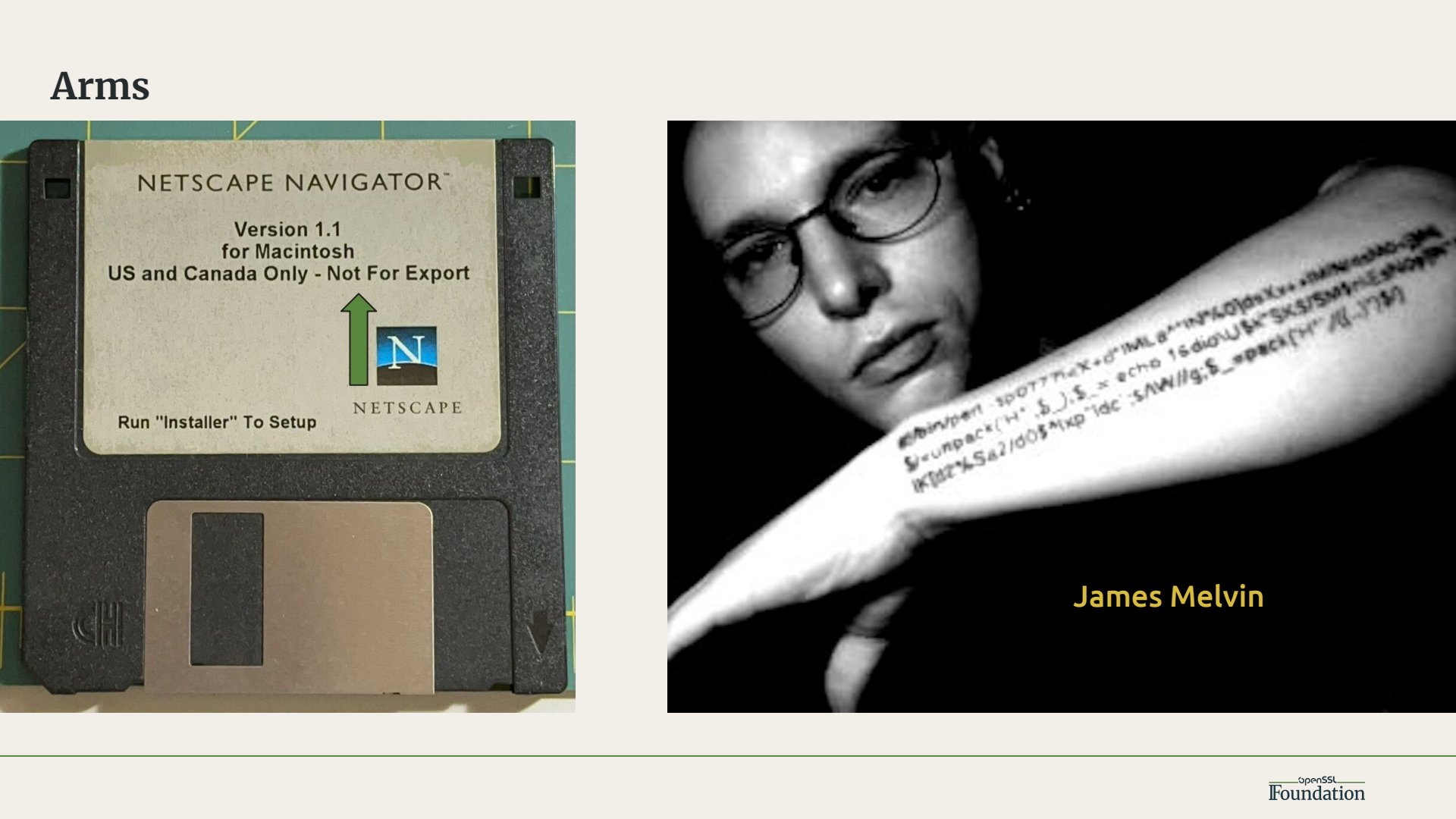
$\} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$

The OpenSSL Mission

We believe **everyone** should have access to
security and **privacy** tools, whoever they are,
wherever they are or whatever their personal
beliefs are, as a **fundamental human right**.

Arms

James Melvin



Arms

James Melvin

openSSL
Foundation

SSLeay 0.9.1a 06-Jul-1998

 SSLeay  

[Go to file](#) [+](#) [Code](#)

This branch is [38028 commits behind](#) [master](#).

[Contribute](#)

 **Ralf S. Engelschall**

Import of old SSLeay release: SSLeay 0.9.1... dfeab06 · 27 years ago 

 apps	Import of old SSLeay release: SSLe...	27 years ago
 bugs	Import of old SSLeay release: SSLe...	27 years ago
 certs	Import of old SSLeay release: SSLe...	27 years ago
 crypto	Import of old SSLeay release: SSLe...	27 years ago

List: ssl-users
Subject: [ssl-users] ANNOUNCE: OpenSSL (Take 2)
From: Ben Laurie <ben () algroup ! co ! uk>
Date: 1999-01-06 22:03:02

```

      / _ \  _ _ _ _ _ / _ _ / _ _ || |
| | | | ' _ \ / _ \ ' _ \ \ _ _ \ _ _ \ |
| | | | |_) | _ / | | |_) |_) | | _ _
 \ _ _ / | . _ / \ _ _ | | | _ _ / _ _ / | _ _ _ |
----- | | -----
```

OpenSSL
The Open Source toolkit for SSL/TLS
<http://www.openssl.org/>

The OpenSSL Project is a collaborative effort to develop a robust, commercial-grade, fully featured, and Open Source toolkit implementing the Secure Sockets Layer (SSL v2/v3) and Transport Layer Security (TLS v1) protocols with full-strength cryptography world-wide. The project is managed by a worldwide community of volunteers that use the Internet to communicate, plan, and develop the OpenSSL toolkit and its related documentation.

OpenSSL is based on the excellent SSLeay library developed by Eric A. Young and Tim J. Hudson. The OpenSSL toolkit is licensed under an Apache-style licence, which basically means that you are free to get and use it for commercial and non-commercial purposes subject to some simple license conditions.

Open culture won

) { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$
{ $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$
) { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$ { $\circ \mathbb{F} / \circ \} \wedge (< = n)$



Reality check



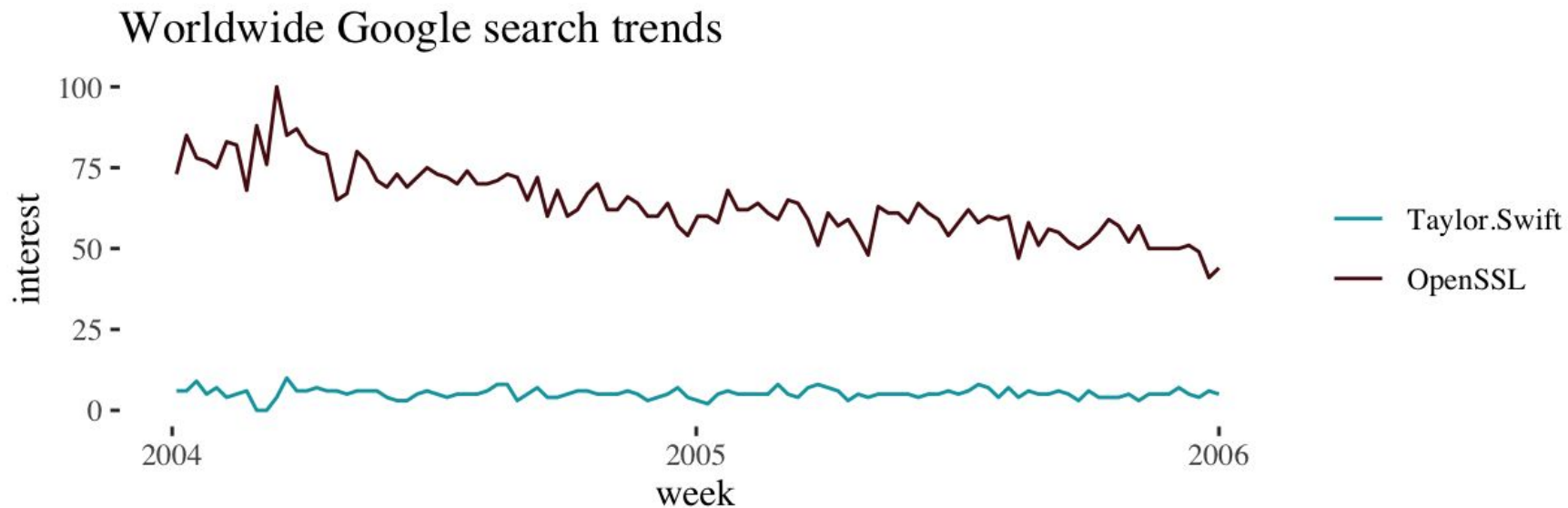
$\{ \circ \} \wedge (< = n) \{ \circ \} \mathbb{F} / \{ \circ \}$

$\{ \circ \} \mathbb{F} / \{ \circ \} \wedge (< = n) \{ \circ \} \mathbb{F} / \{ \circ \} \wedge (< = n) \{ \circ \} \mathbb{F} / \{ \circ \} \wedge (< = n) \{ \circ \} \mathbb{F} / \{ \circ \} \wedge (< = n)$

$\{ \circ \} \wedge (< = n) \{ \circ \} \mathbb{F} / \{ \circ \} \wedge (< = n) \{ \circ \} \mathbb{F} / \{ \circ \} \wedge (< = n) \{ \circ \} \mathbb{F} / \{ \circ \} \wedge (< = n) \{ \circ \} \mathbb{F} / \{ \circ \}$

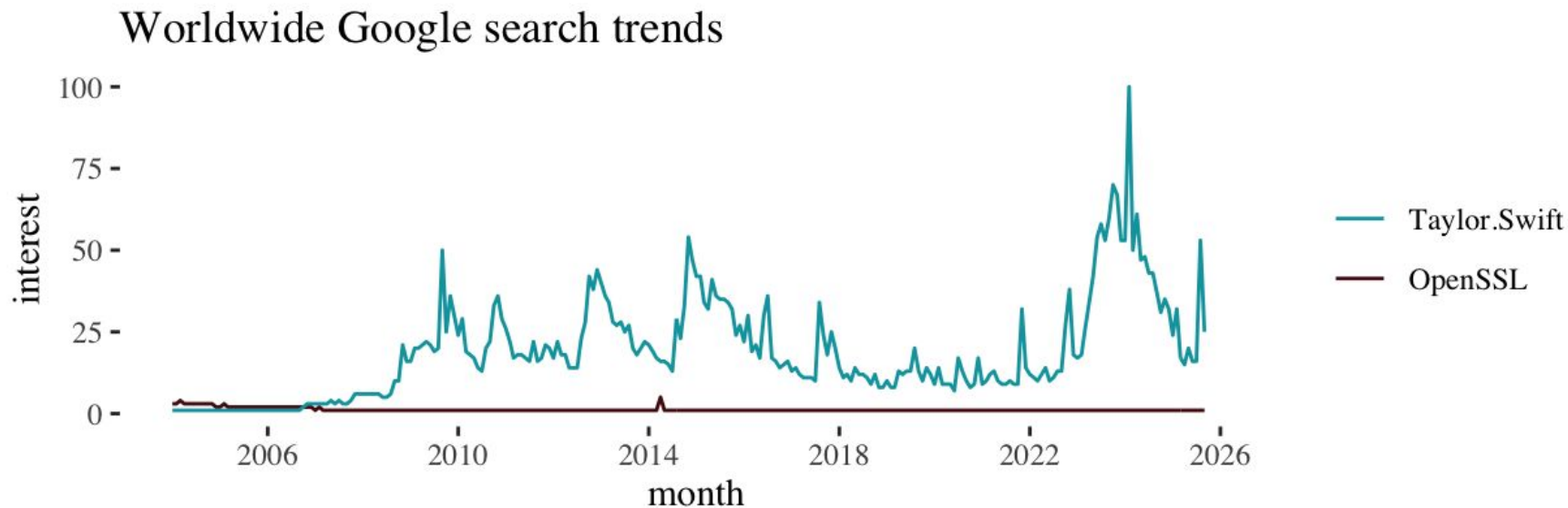
$\{ \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$

More popular than Taylor Swift!



$\{ \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$

... before her first album





**This conference is the rare
place where we don't need to
explain what OpenSSL is**

Developers *do* think about OpenSSL . . . if they need it for some reason



Homebrew Formulae

Formula Install Events (365 days)

/api/analytics/install/365d.json (JSON API)

Start Date: 2024-09-13

Total Events: 245192687

	Formula	Events	%
#1	openssl@3	5,147,389	2.10%
#2	ca-certificates	4,421,571	1.80%
#3	xz	3,303,843	1.35%
#4	python@3.13	3,160,099	1.29%
#5	glib	3,061,131	1.25%

```
$ /usr/bin/openssl version  
LibreSSL 3.3.6
```

```
$ brew install openssl  
$ openssl version  
OpenSSL 3.5.2 5 Aug 2025  
(Library: OpenSSL 3.5.2 5 Aug 2025)
```

2150 of 7898 Homebrew Formulae depend on OpenSSL

Formula Install On Request Events (365 days)

/api/analytics/install-on-request/365d.json (JSON API)

Start Date: 2024-09-16

Total Events: 97179963

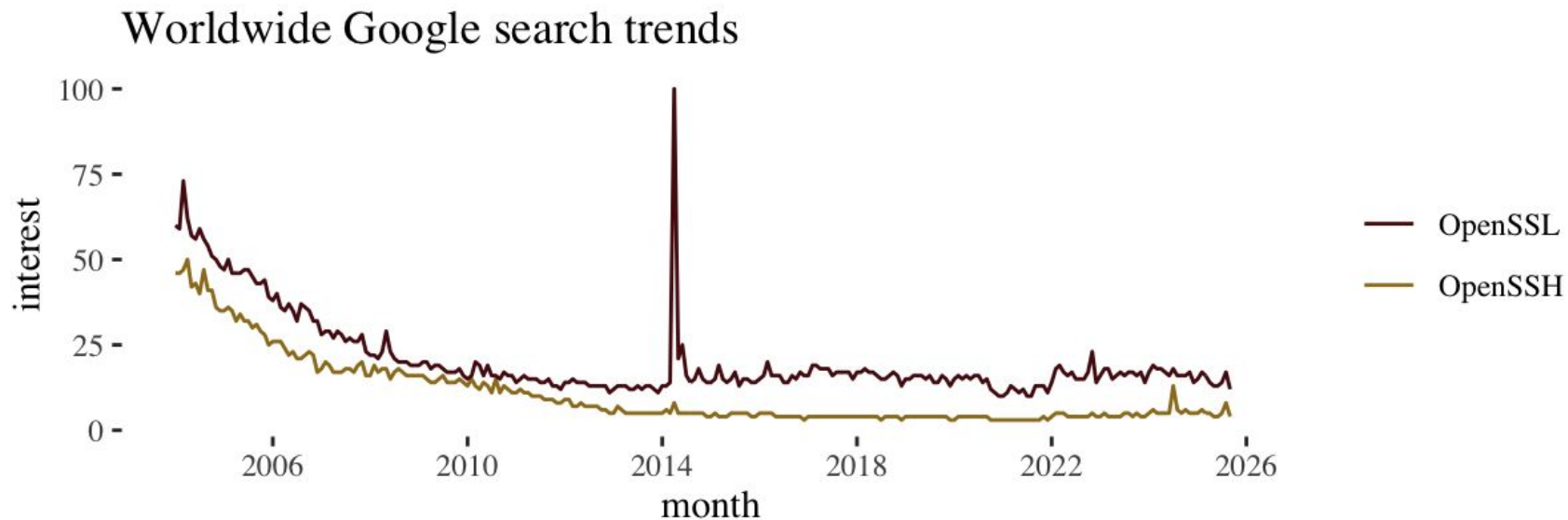
	Formula	Events	%
#1	node	2,324,716	2.39%
#2	awscli	2,048,067	2.11%
#3	gh	1,707,848	1.76%
#4	git	1,568,636	1.61%
#5	pyenv	1,429,823	1.47%
#6	ffmpeg	1,385,819	1.43%
#7	cmake	1,199,468	1.23%
#8	python@3.13		
#9	harfbuzz	983,758	1.01%
#10	glib	927,601	0.95%
#11	wget	870,251	0.90%
#12	go	859,670	0.88%
#13	python@3.12	804,758	0.83%
#14	imagemagick	788,918	0.81%
#15	openssl@3	776,877	0.80%

Depends on:

mpdecimal	4.0.1	Library for decimal floating point arithmetic
openssl@3	3.5.2	Cryptography and SSL/TLS Toolkit
sqlite	3.50.4	Command-line interface for SQLite
xz	5.8.1	General-purpose data compression with high compression ratio

$\{ \wedge (<= n) \} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$

A closer comparison



} ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n)

Heartbleed

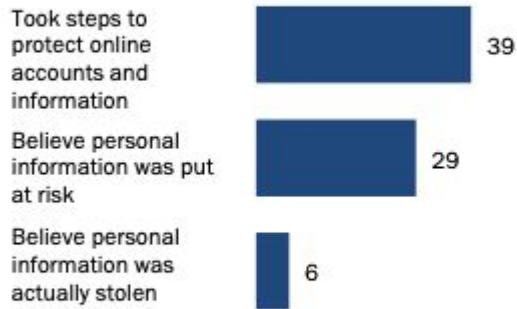
“Heartbleed - the first buffer overflow bug with a website, a logo, and a marketing department.”

– [Stack Overflow Podcast](#)
[recorded Friday April 11, 2014](#)

```
if (1 + 2 + payload + 16 > s->s3->rrec.length)
    return 0;
```

Responses to Heartbleed

*% of internet users who took the following steps in response to the widely reported security bug...**



* These questions were asked of the 64% of internet users who say they had heard of the Heartbleed bug

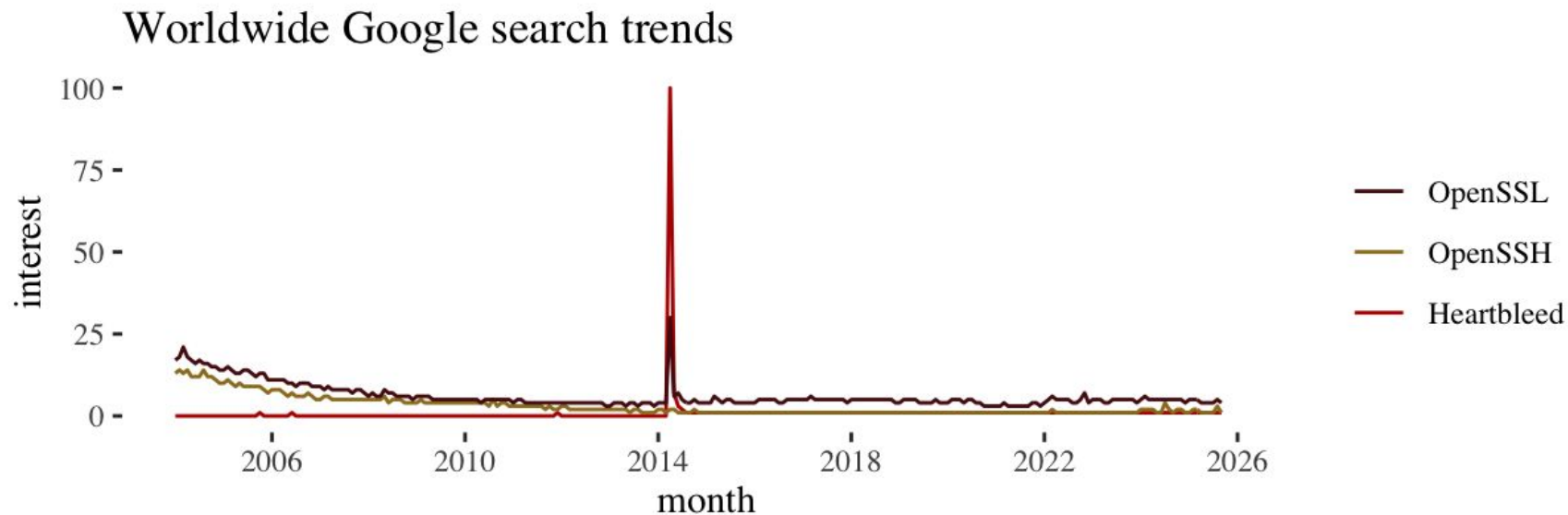
Pew Research Center survey, April 2014.

PEW RESEARCH CENTER

$\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$

$\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$

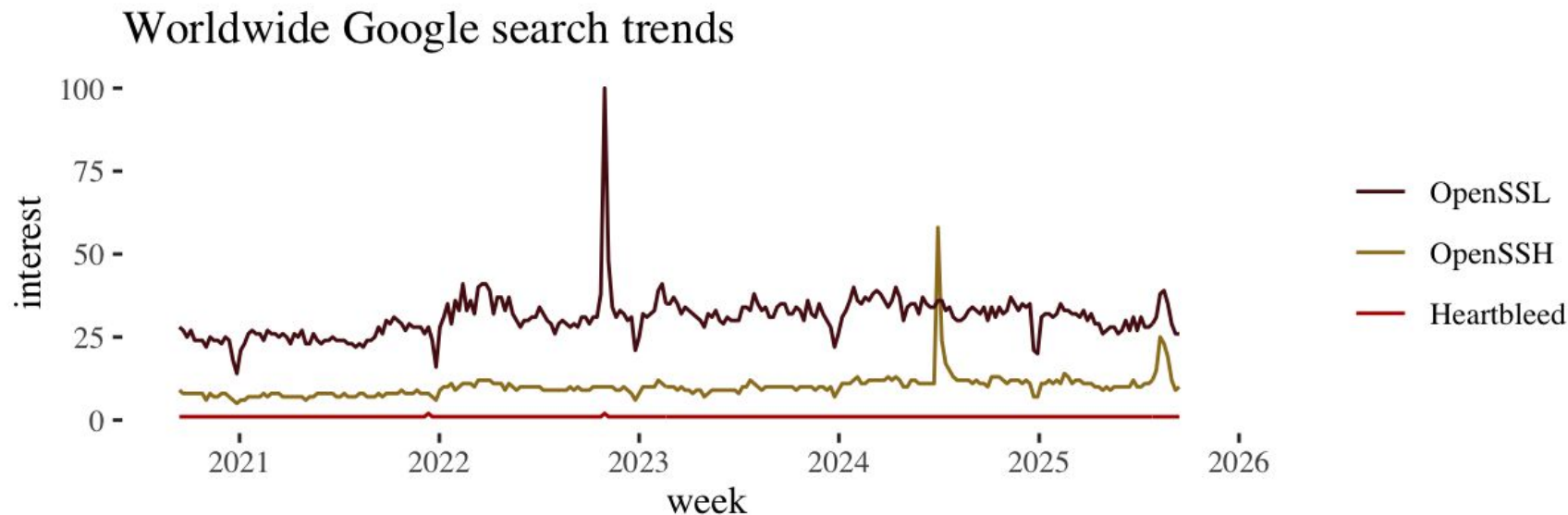
Heartbleed was a huge, but momentary blip



$\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$

$\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$

What happened in November, 2022?



Vulnerabilities put OpenSSL in the news

 Search Hacker News

 openssl

Search by  algolia 

Search Stories ▾ by Popularity ▾ for Oct 29th 2022 ▾ Nov 4th 2022 ▾ 31 results (0.009 seconds) 

OpenSSL 3.0.7 fixes X.509 email address buffer overflows (<https://www.openssl.org/blog/blog/2022/11/01/email-address-overflows/>)
586 points | petecooper | 3 years ago | 226 comments

Why did the **OpenSSL** punycode vulnerability happen? (<https://words.filippo.io/dispatches/openssl-punycode/>)
197 points | stargrave | 3 years ago | 98 comments

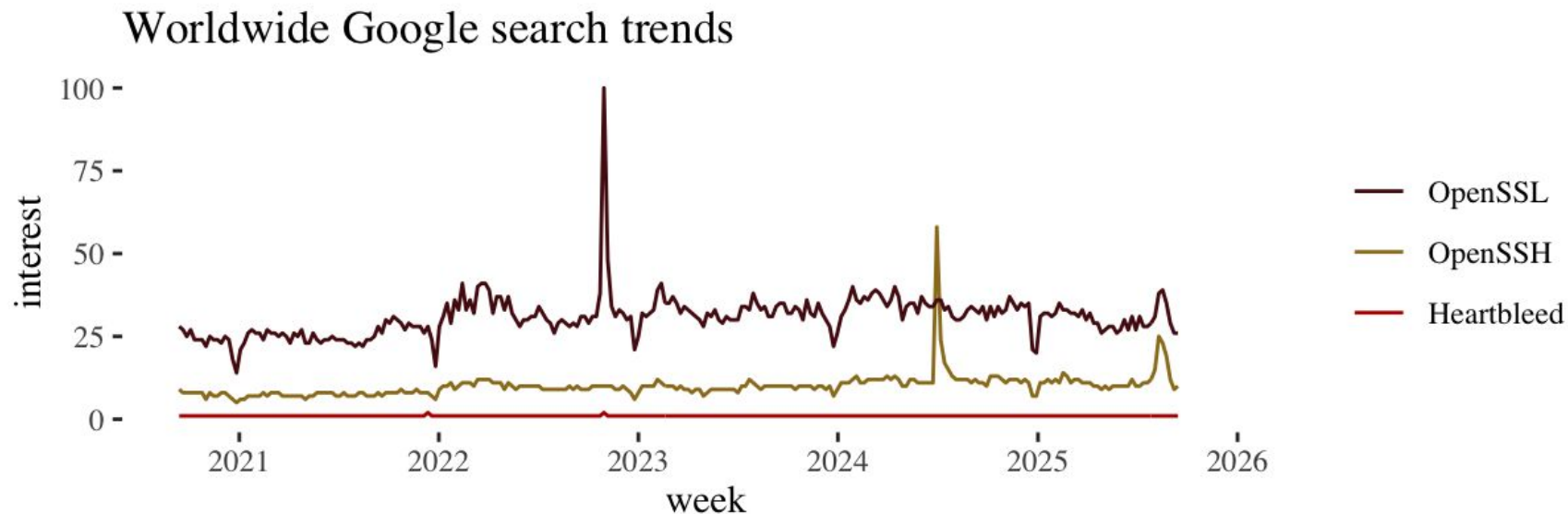
The latest **OpenSSL** vulns were added fairly recently (<https://twitter.com/hanno/status/1587775675397726209>)
179 points | pentestercrab | 3 years ago | 73 comments

OpenSSL downgrades horror bug after week of panic, hype (https://www.theregister.com/2022/11/01/openssl_downgrades_bugs/)
13 points | LinuxBender | 3 years ago | 0 comments

OpenSSL Overview of software (un)affected by vulnerability (<https://github.com/NCSC-NL/OpenSSL-2022/blob/main/software/README.md>)
13 points | alexis2b | 3 years ago | 0 comments

$\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)} \{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)} \{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)} \{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)} \{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$
 $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)} \{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)} \{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)} \{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)} \{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$

OpenSSH had its own moment in the sun



} ^(<= n) { ∅ F / ∅ } ^(<= n) { ∅ F / ∅ } ^(<= n) { ∅ F / ∅ } ^(<= n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^(<= n) { ∅ F / ∅ } ^(<= n) { ∅ F / ∅ } ^(<= n) { ∅ F / ∅ } ^(<= n) { ∅ F / ∅ } ^(<= n)

Post-quantum cryptography might be an exception



openSSL
Foundation

The Features of 3.5: Post-quantum cryptography

Apr 22, 2025

This is the third in a series of posts about the features of OpenSSL 3.5. Its target audience is people who are curious about internet security, but who don't recognize the acronyms in that list.

1. QUIC server
2. External QUIC library interface
3. Post-quantum cryptography
4. Hybrid ML-KEM in TLS v1.3
5. EVP_SKEY

 **Shielded**
The last line of cyber defense

Podcast

The next chapter
in securing the
world's internet

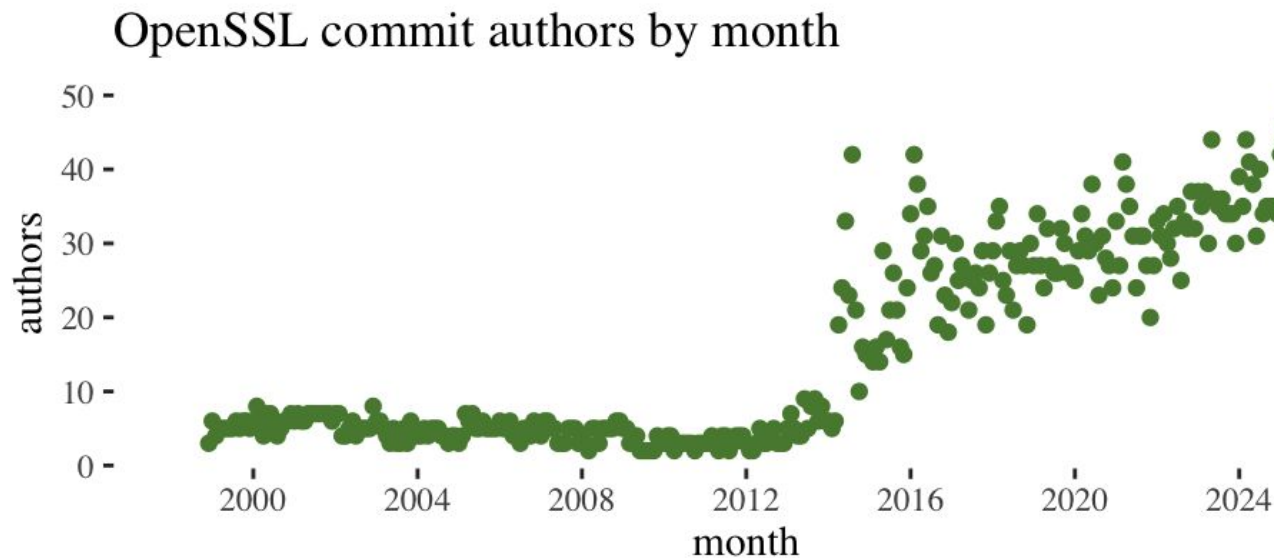




Perspective inside of the community

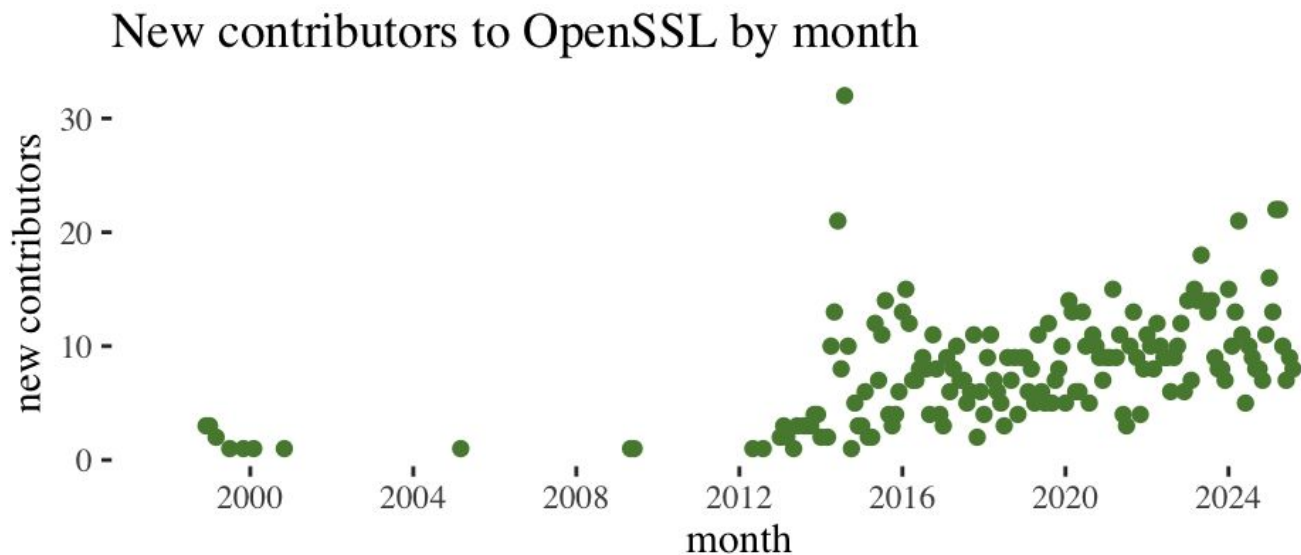
$\{ \wedge (< = n) \} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$

1288 commit authors



$\{ \wedge (< = n) \} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$

New contributors by month



} ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }

A first time pull request

```
#define NAMEMAP_HT_BUCKETS 2048
```

```
#define NAMEMAP_HT_BUCKETS 512
```



} ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n)

Where OpenSSL contributors come from



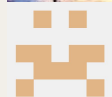
Unknown location
1,161 contributors • 78%

According to the Linux Foundation Open Source Index

19 Committers



Nicola Tuveri **romen**



Sashan



Richard Levitte **levitte**



Paul Yang **InfoHunter**



Neil Horman **nhorman**



Viktor Dukhovni
vdukhovni



Kurt Roeckx **kroeckx**



Hugo Landau **hlandau**



David von Oheimb **DDvO**



Tomáš Mráz **t8m**



Tim Hudson **t-j-h**



Matt Caswell **mattcaswell**



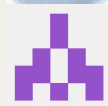
Todd Short **tmshort**



Tom Cosgrove **tom-cosgrove-arm**



Dmitry Belyavskiy **beldmit**



Bernd Edlinger **bernd-edlinger**



Pauli **paulidale**



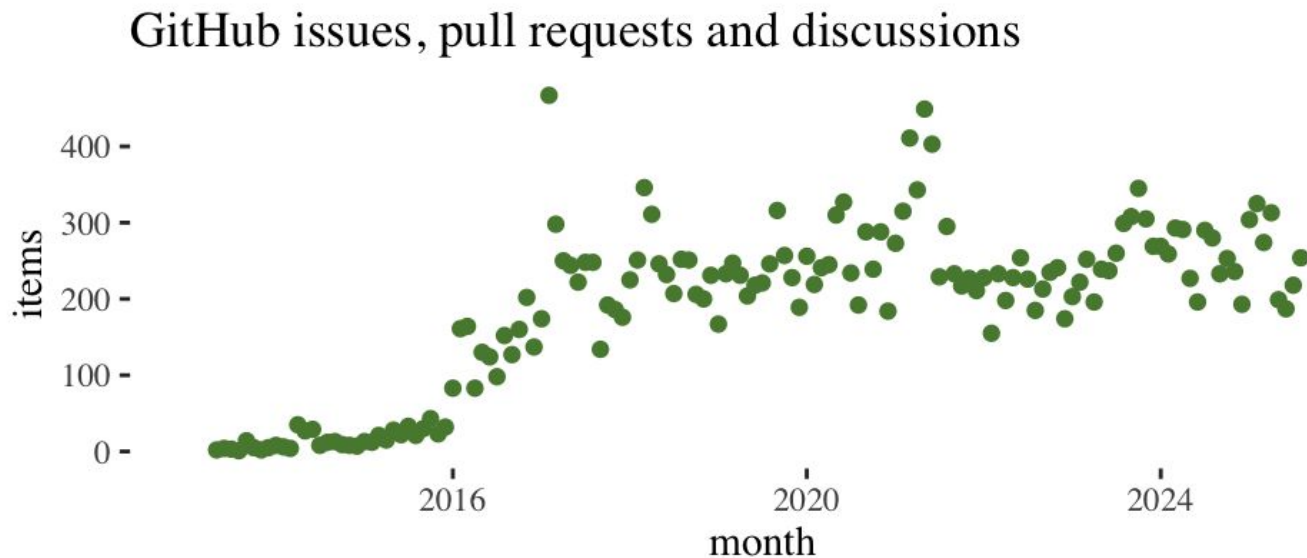
Shane **slontis**



fwh-dc

$\{ \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$

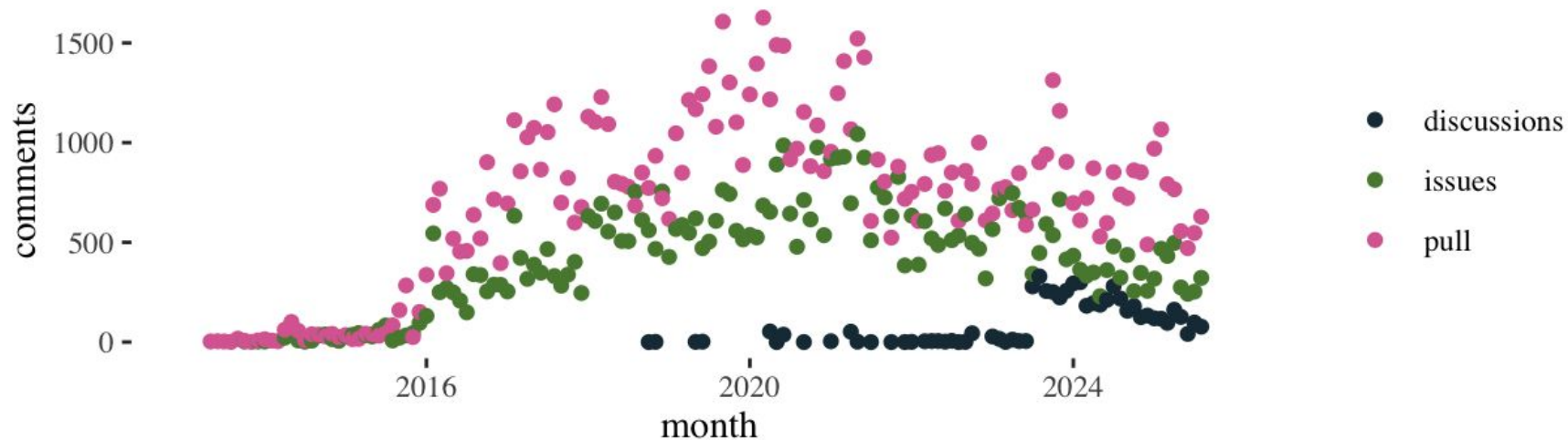
Where community happens

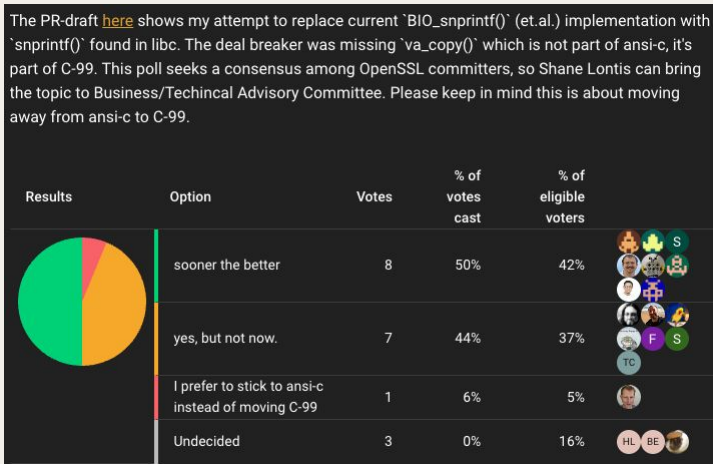


$\{ \wedge (<= n) \} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$

Interacting with each other

GitHub comments





* I invited everyone from all the other groups to General Discussion

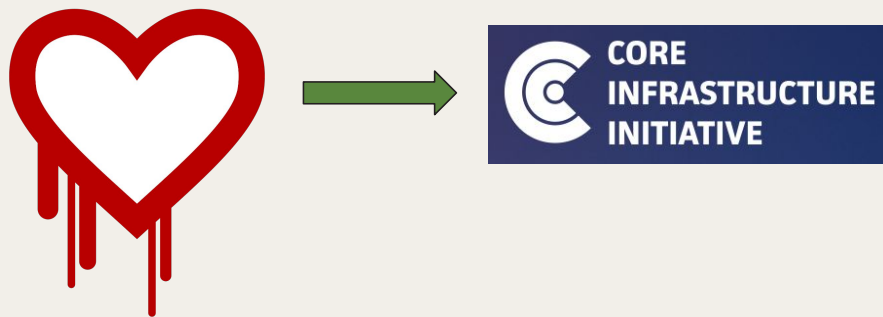
$\} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n)$

Started as a library/open source project



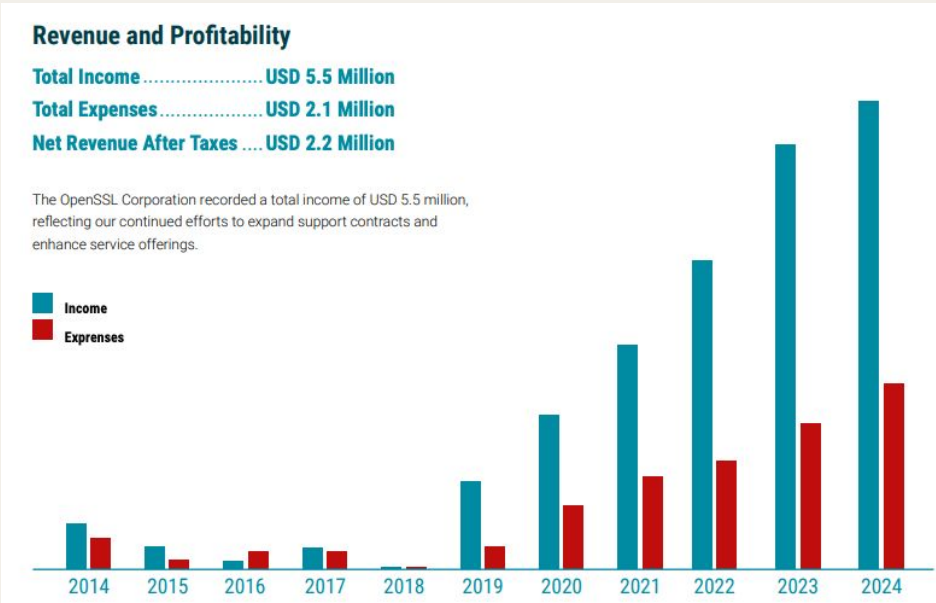
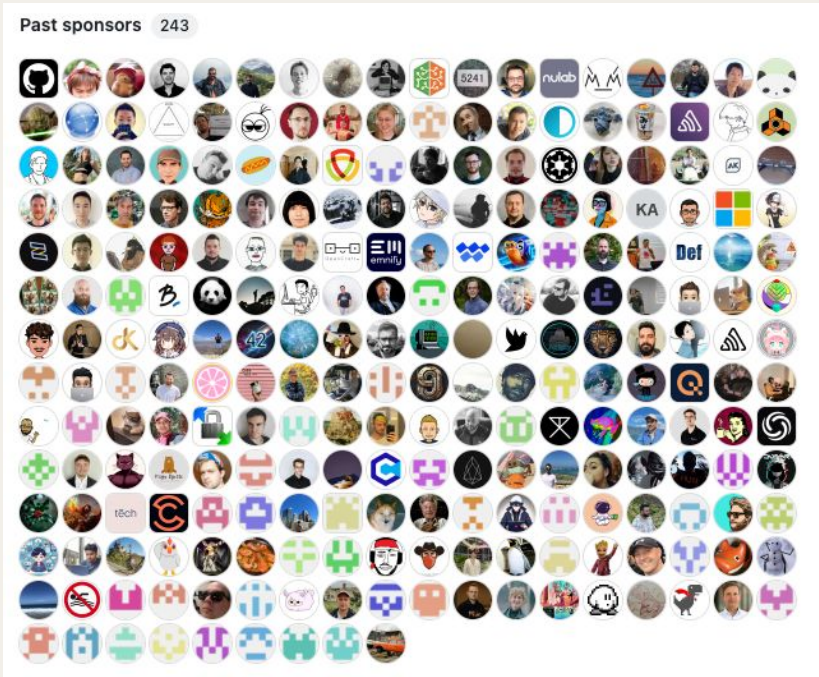
$\} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$

Heartbleed changed the way Open Source projects are funded



} ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n)

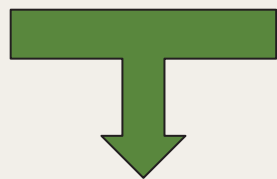
Commercial and non-commercial interests



$\} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$

Two independent organisations that co-manage the library

OpenSSL
Foundation



OpenSSL
CORPORATION

OpenSSL
LIBRARY

Thank you to our leading supporters!

PREMIER SUPPORTERS



Sovereign Tech
Fund



CODE PROTECTORS

Bloomberg

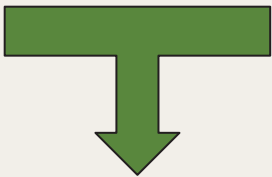


} ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n)

The OpenSSL Foundation Mission

The OpenSSL Foundation works to ensure that everyone, including nonprofits, academics, and independent developers, has access to fundamental data privacy and security tools that are the backbone of internet protection, quietly safeguarding millions of users. We do this to help build a safer internet — one that **serves the public interest** and upholds privacy and security as foundational rights.

Connecting the Community to the Library

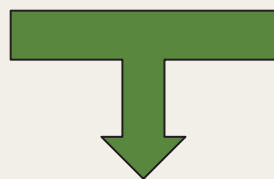


Advisory committees representing subcommunities



Business Advisory Committee (F-BAC)	Technical Advisory Committee (F-TAC)
--	---

Business Advisory Committee (C-BAC)	Technical Advisory Committee (C-TAC)
--	---





Where do we go from here?

Upcoming initiatives

Sovereign Tech Fund

- Constant-time BIGNUM to address potential side-channel attacks
- GitHub issue backlog

Ongoing

- DTLS 1.3
- Additional Post-Quantum Cryptography (PQC) work
- QUIC projects
- Encrypted Client Hello

OpenSSL 4.0

- Remove deprecated features to simplify the code

Increasing code, but lagging tests and documentation



Take with a grain of salt



Survey says!



Get involved!

- Take the survey 
- Contribute
 - Code
 - Documentation
 - Tests
- Join a community
- Run for an advisory committee
- GitHub Sponsorship



Thank you to our leading supporters!

PREMIER SUPPORTERS



Sovereign Tech
Fund



CODE PROTECTORS

Bloomberg





Beyond this slide are random slides I didn't include for some reason. You probably don't need them.

} ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n) { ∅ F / ∅ } ^ (< = n)

Heartbleed changed the way OpenSSL is funded

Amazon Web Services, Cisco, Dell, Facebook, Fujitsu, Google, IBM, Intel, Microsoft, NetApp, Rackspace, VMware and The Linux Foundation Form New Initiative to Support Critical Open Source Projects

By linuxfoundationblank - April 24, 2014 - 4:00am

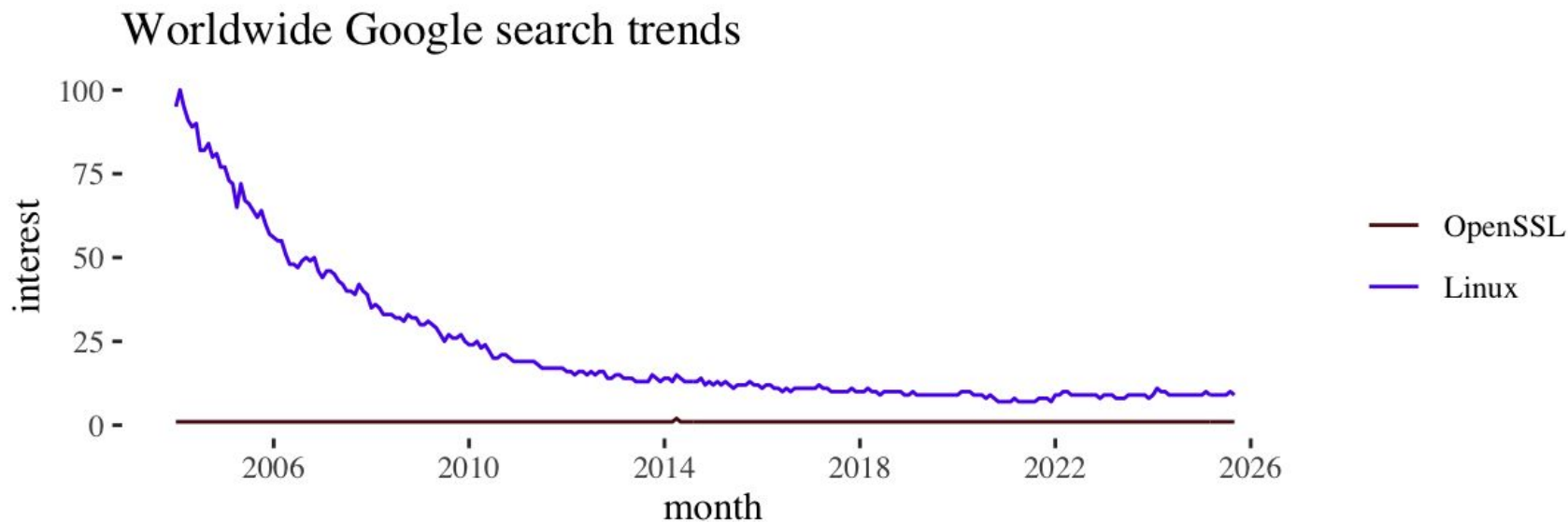
Newly formed Core Infrastructure Initiative is the industry's collective response to the Heartbleed crisis

SAN FRANCISCO, April 24, 2014 – The Linux Foundation today announced it has formed a new project to fund and support critical elements of the global information infrastructure. The Core Infrastructure Initiative enables technology companies to collaboratively identify and fund open source projects that are in need of assistance, while allowing the developers to continue their work under the community norms that have made open source so successful. Founding backers of the Initiative include Amazon Web Services, Cisco, Dell, Facebook, Fujitsu, Google, IBM, Intel, Microsoft, NetApp, Rackspace, VMware and The Linux Foundation.

The first project under consideration to receive funds from the Initiative will be OpenSSL, which could receive fellowship funding for key developers as well as other resources to assist the project in improving its security, enabling outside reviews, and improving responsiveness to patch requests.

$\{ \wedge (< = n) \} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$

Relative, not absolute, interest



} ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n)

The OpenSSL governance community

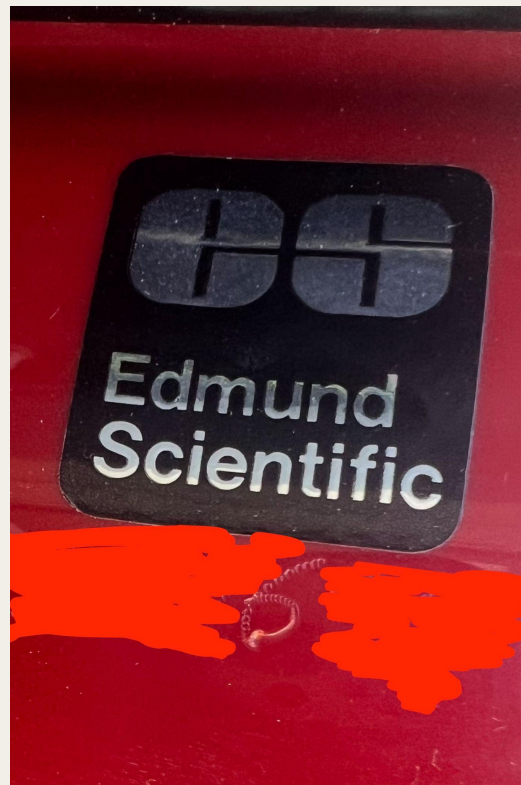
[Academics](#) | [Committers](#) | [Distributions](#) | [Individuals](#) | [Large Businesses](#) | [Small Businesses](#)

OpenSSL Corporation:  [Business Advisory \(BAC\)](#),  [Technical Advisory \(TAC\)](#)

OpenSSL Foundation:  [Business Advisory \(BAC\)](#),  [Technical Advisory \(TAC\)](#)

[General Discussion](#)

Who I am

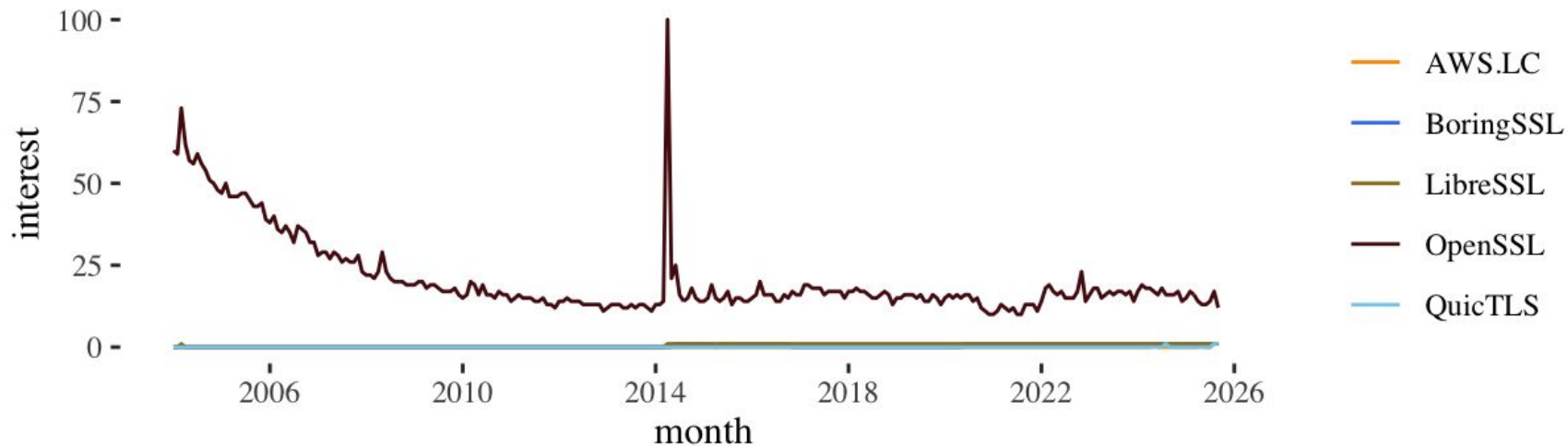


$\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$

$\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$ $\{ \circ \mathbb{F} / \circ \}^{\wedge (<= n)}$

Forks

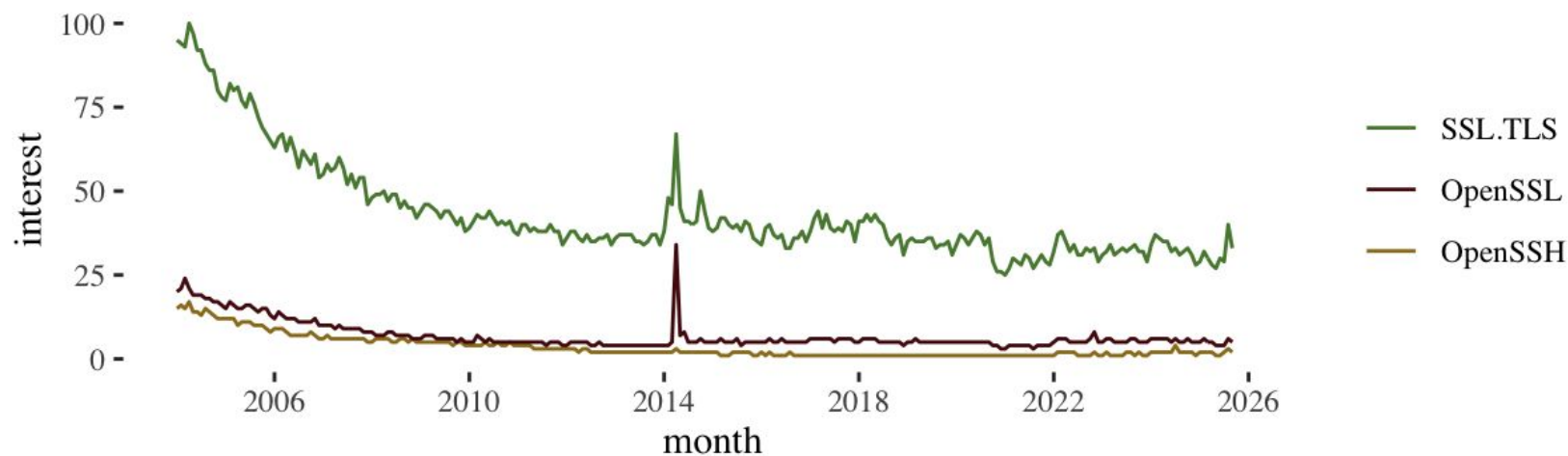
Worldwide Google search trends



$\{ \wedge (<= n) \} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n)$

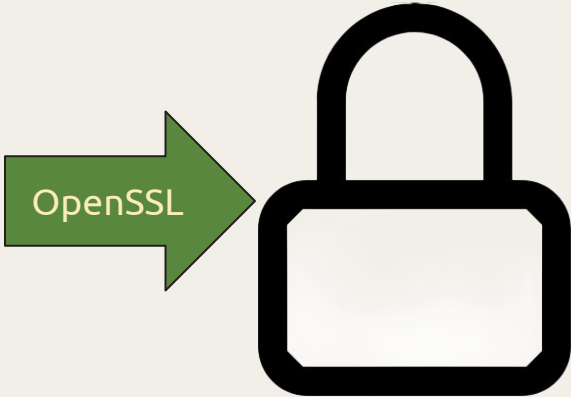
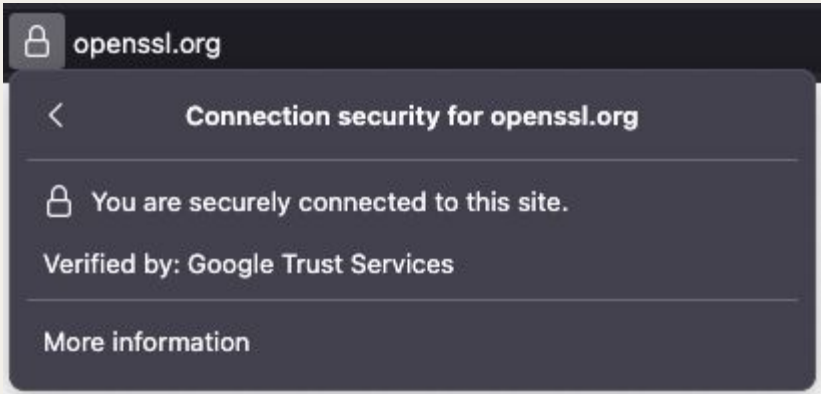
More useful comparisons

Worldwide Google search trends



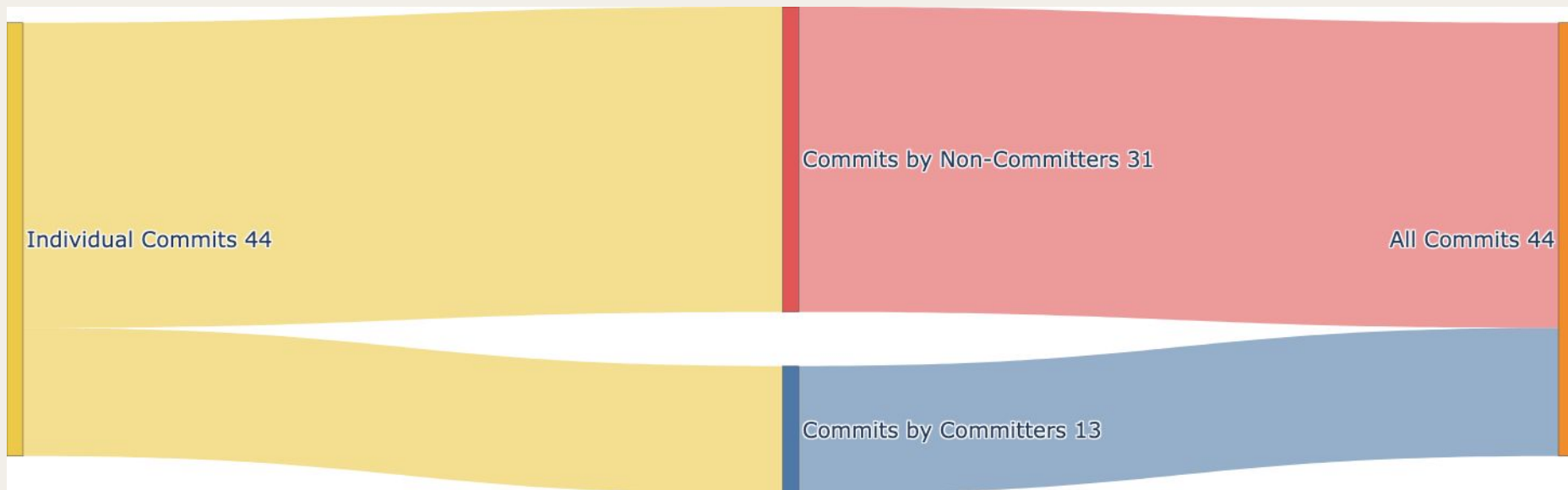
$\} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \} \wedge (< = n) \{ \circ \mathbb{F} / \circ \}$

OpenSSL



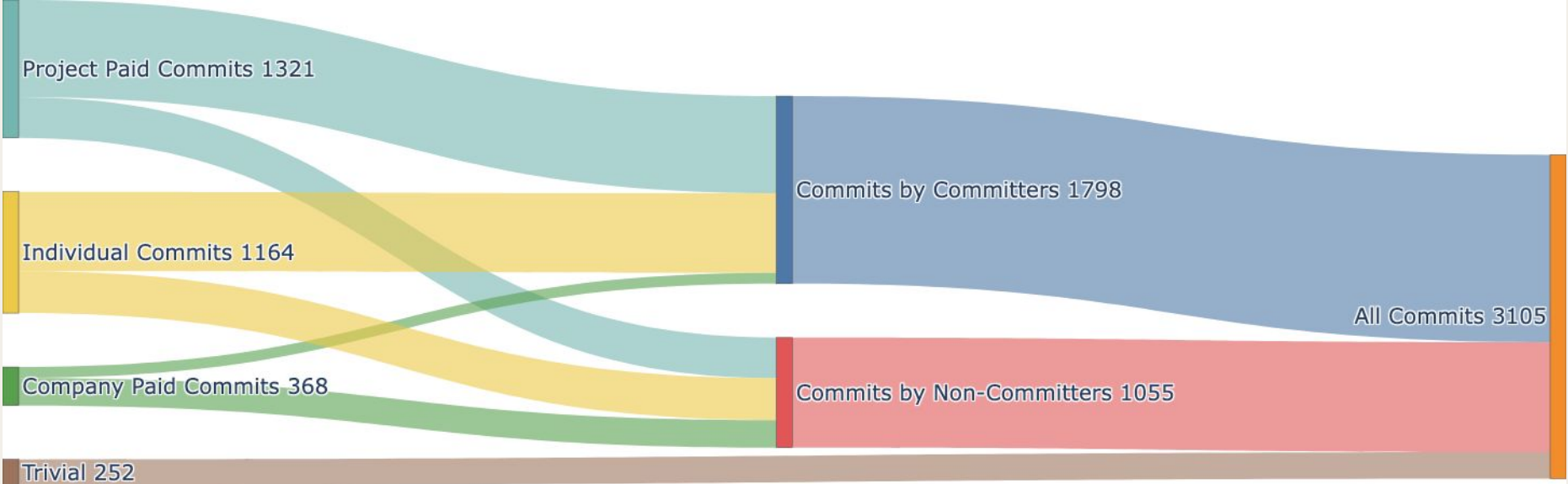
} ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }

Commit summary from 1998



} ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }
) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ } ^(<=n) { ∅ F / ∅ }

Commit summary for 2025



$\{ \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$
 $\} \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \} \wedge (<= n) \{ \circ \mathbb{F} / \circ \}$

Just the forks

