

An aerial photograph of a winding asphalt road through a dense green forest. Several cars are visible on the road, driving in both directions. The road curves from the top left towards the bottom right. The overall scene is bathed in a soft, blue-tinted light, suggesting a clear sky or a specific time of day. The text 'FOSSID' is overlaid in the center of the image.

FOSSID

The Road to Open Source Mastery

```
$> whoami
```



Max Gnipping
Director of Services @ FOSSID AB
max.gnipping@fossid.com

What is Open Source Software?

Use
Source Available
Distribute FOSS
Open Source
Free Software
Libre Modify
FSF
Study Shareware
Freeware OSI

Who uses Open Source?

93%

Use Open Source at least internally*

55%

Frequently use Open Source code in commercial products*

<50 -10k+
employees

The range of the company sizes in the survey*



Why should you care?



It is already highly likely
a part of your business

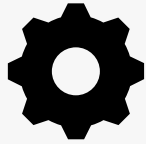


You are already exposed to
both risks and opportunities



Not using Open Source is not
really an option any more

New possibilities



Code less, integrate
more



Is your inhouse
solution more secure?



Make your mark on the
world

Case study: Productivity gain

1.25-125 LoC/day

The range of developer productivity*



Case study: Quality

2000+ issues fixed/59 CVE
CURL development status

Case study: Development

20 000

The amount of Microsoft
developers using &
contributing to Open Source

New problems



Effective license compliance
can be challenging



Vulnerability monitoring and
remediation is continuous



Recursive dependencies
introduces a lot of complexity

Case study: License variation

>1400

The amount of significantly
different Open Source
licenses found by FOSSID

Case study: Vulnerabilities

17 311

Vulnerabilities reported in
NVD in 2019

Case study: Complexity

left-pad

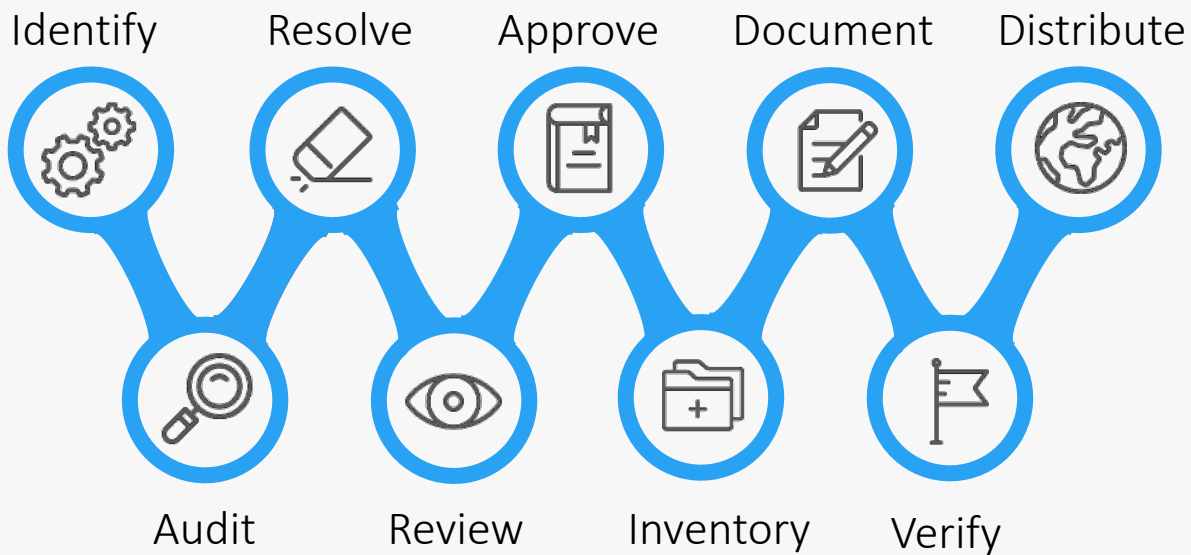
11 LoC broke the internet in
2016 because of Kiks zealous
lawyers

How do others manage their Open Source?

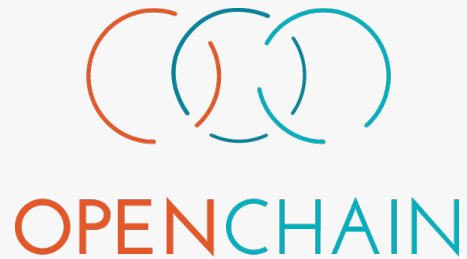
The Open Source Program Office



The nine key steps to end-to-end compliance



Additional resources



<https://www.openchainproject.org/>



<http://todogroup.org/>



<https://www.linuxfoundation.org/resources/open-source-guides>

<https://www.linuxfoundation.org/compliance-and-security/2018/12/open-source-compliance-in-the-enterprise/>

THANK Y^QU

www.fossid.com