

The World Runs on Open Source — Trends & Statistics

You Use it Every Day | Open Source Technology

Open Source has changed the world and our lives in unimaginable ways. Behind virtually every electronic touchpoint today — yes, nearly everything — lies Open Source code. Streaming. Banking. Gaming. Shopping. Driving. Robots. Quantum Computing. 5G. And more.

Here's a snapshot of the Open Source Revolution.



THE BEGINNING

1911

1ST INSTANCE OF OPEN SOURCE SHARING

Henry Ford started an initiative for major U.S. auto manufacturers to share technology

(Source: RedCrackle)

1998

The term **OPEN SOURCE** was 1st coined

(Source: Open Source Initiative)

THE EVOLUTION

20th Anniversary of Open Source Software

(Source: SD Times)

2018

Nov 2018



Microsoft Becomes the World's **TOP** Open Source Contributor

(Source: Tech Republic)

2019

10.5 million people contributed to Open Source **WORLDWIDE**

(Source: ChinaOrg.com)

3.8m from Asia

31% from China



TWITTER — which relies heavily on Open Source with its interface built on the Ruby on Rails framework — is in 45 countries.

2020

1st time International Standard defines Open Source Compliance & Process Management

(Source: OpenChain Project)



Google Cloud jumped 43% to **\$3.01 billion** in Q2

(Source: Google)

2021

LINUX CELEBRATES 30 Years

(Source: The Bossie Awards)

> 50% of websites globally run on Open Source Software

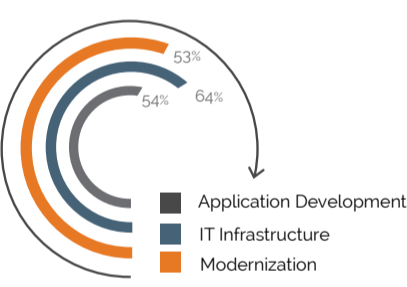
(Source: The Economist)

Open Source makes it to Mars

(Source: OpenSource.com)

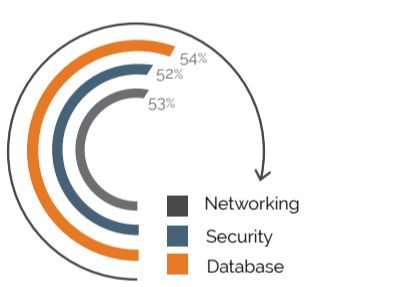
Top 3 Open Source Uses:

(Source: Red Hat)



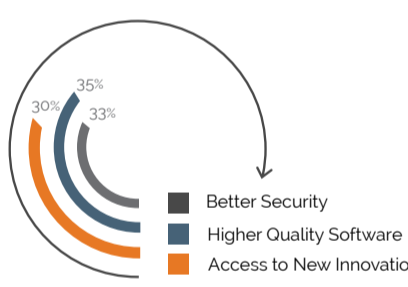
Top 3 Open Source Business Functions:

(Source: Red Hat)



Top 3 Open Source Benefits:

(Source: Red Hat)



81%

Open Source adoption rate in the U.S.

(Source: SUSE)

96.3%

of the world's Top 1 million servers & 90% of all cloud infrastructure operate on Linux

(Source: The Linux Foundation)

>90%

of IT organizations across the globe rely on Open Source

(Source: Gartner)

99%

of Fortune 500 firms currently use Open Source

(Source: SUSE)



Mobile bank transactions — which rely on Open Source — are expected to grow

121% from 2017-2022

(Source: The Financial Brand)

95%

of all commercial programs include Open Source Software

(Source: Synopsys)

>56M

worldwide Open Source contributors

(Source: SUSE)

THE PRESENT

60%

of companies will leverage containers on public cloud platforms by this year

(Source: Gartner)

75%

of all databases will be deployed or migrated to a cloud platform by this year

(Source: Gartner)

80%

of enterprises will shift to cloud-centric infrastructure by this year

(Source: Gartner)

Worldwide public cloud service revenue will grow to

\$331B

(USD) by 2022

(Source: Gartner)

THE FUTURE



2023

The Open Source market will exceed

\$32B

(USD) by 2023

(Source: DigitalOcean)

2025

Economists forecasts Open Source in Telecommunications will be a

\$29B

(USD) industry by 2025

(Source: ABI Research)

2026

The market for selling services & products based on Open Source code will be

\$66.8B

(USD) by 2026

(Source: IDG Connect)

2027

Open Source Intelligence to garner

\$29.19B

(USD) by 2027

(Source: Allied Market Research)

2030

There will be

15.9B

connected devices worldwide by 2030.

(Source: Statista)

Launched in 2005, OIN offers free community membership to any business, or individual, that agrees they will not file any patent claims against the free GNU/Linux Operating System (OS). By signing the agreement, community members commit to share their Linux System patents and Open Source applications with over 3,600 worldwide OIN members without royalties. Patents owned by OIN are also distributed royalty-free within the network.

The latest Linux System definition — effective March 31, 2022 — adds 337 applications, protecting 3,730 packages against patent trolls and other patent attacks as a free member benefit.