

Open Source

Key for Samsung S/W Innovation

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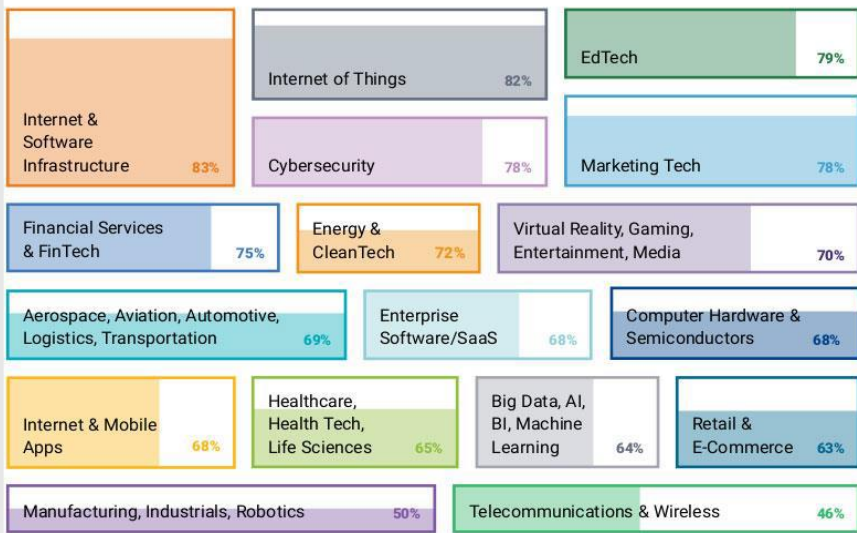
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Open Source is Everywhere

Industries represented in the 2020 OSSRA report

Percentage reflects amount of open source in codebases by industry



Despite the pandemic and economic downturn, skills in open source continue to be in high demand among employers

81%

of hiring managers say **hiring open source talent is a priority** for 2020, and they are more likely than ever to look for open source professionals who hold certifications.

93%

of hiring managers report **difficulty finding sufficient talent with open source skills**, up from 87% in 2018.

56%

of hiring managers **plan to increase their hiring of open source professionals** in the next six months compared to the last six months.

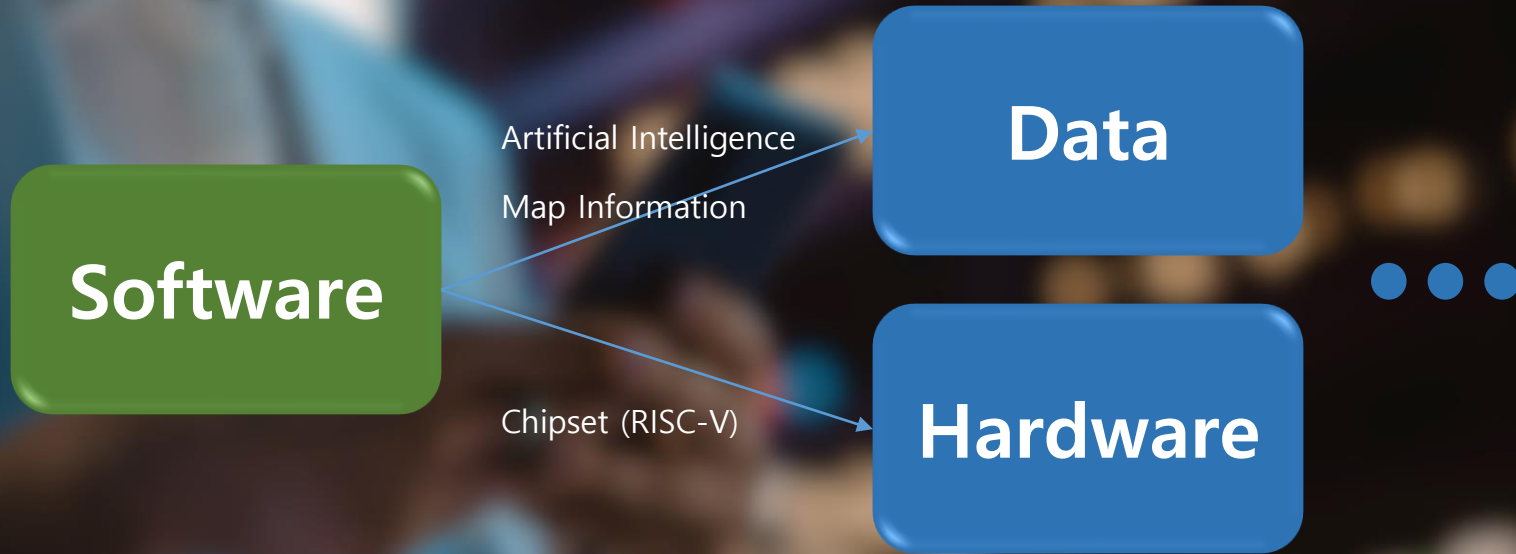
57%

of employers report that **training existing employees to gain the necessary skills** is now the top tactic utilized in 2020.

57%

of hiring managers stated that **hiring certified professionals is a priority**, up significantly from 47% in 2018.

Open Source beyond Software



Open Source == Open + Source



Defining of Open Source “AI”



01. Free Redistribution
02. Source Code
03. Derived Works
04. Integrity of The Author's Source Code
05. No Discrimination Against Persons or Groups
06. No Discrimination Against Fields of Endeavor
07. Distribution of License
08. License Must Not Be Specific to a Product
09. License Must Not Restrict Other Software
10. License Must Be Technology-Neutral



Open Source is Innovation



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Digital Inclusion Benchmark

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Samsung

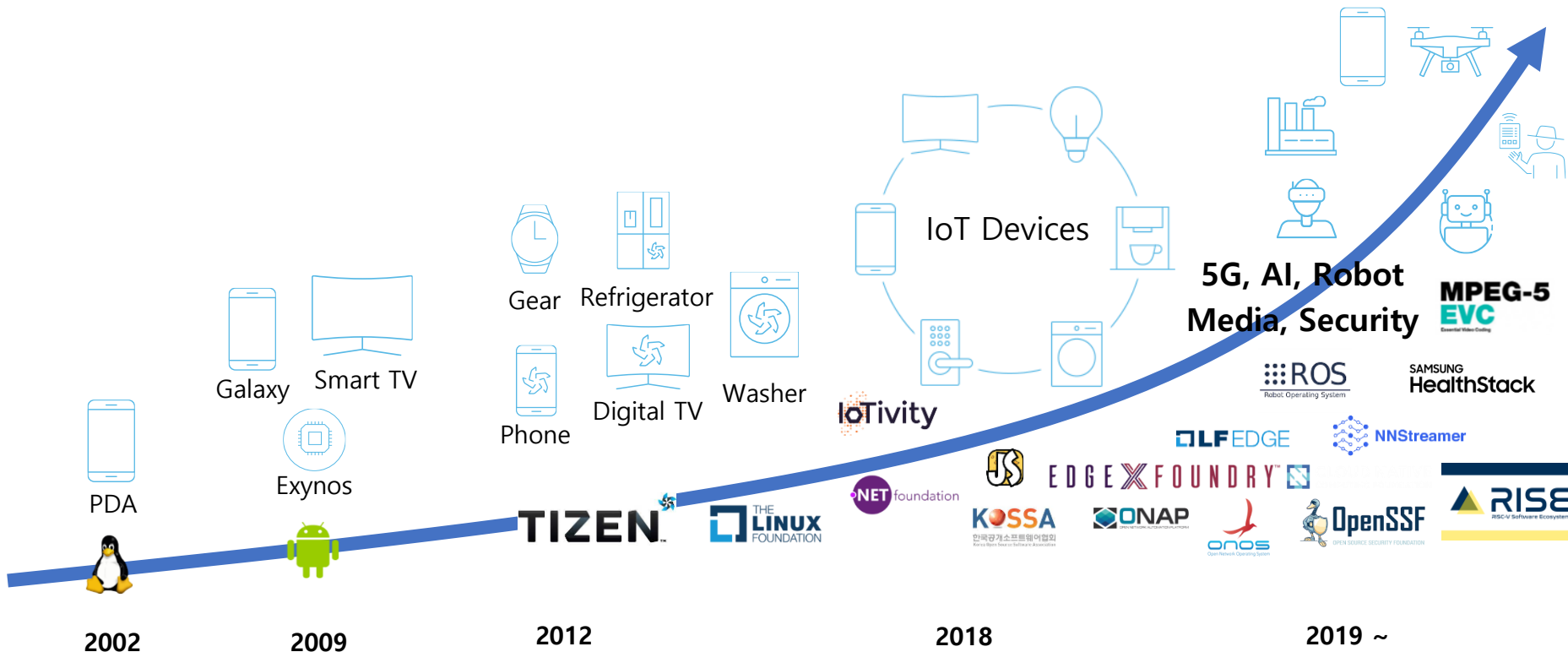
RANKING POSITION
#4_{/150}

TOTAL SCORE
66.0_{/100}

MEASUREMENT AREA	SCORE (0-2)	RANK (0-150)
Access	<div><div></div><div></div></div> ^{#1} 1.3 / 2	#6 >
Skills	<div><div></div><div></div></div> ^{#1} 1.4 / 2	#4 >
Use	<div><div></div><div></div></div> ^{#1} 1.0 / 2	#33 >
Innovation	<div><div></div><div></div></div> ^{#1} 1.6 / 2	#8 >

In the area of innovation, the company shows leadership with strong support for open source initiatives and standards...

Samsung Journey in Open Source



About US (1/2)

Samsung Open Source

Think OPEN, Contribute to the FUTURE

Enter your search parameters



<https://opensource.samsung.com>

Samsung's Key Value for Open Source

Samsung believes that the practice of open source is the key to preparing for future technologies.



Openness

It means having an open mindset and open engagement, and is not simply defined as public disclosure.



Collaboration

Growing together through exchanges and interactions within dynamic processes.



Innovation

Gearing technology towards innovation by taking small but significant steps together



About US (2/2)



[Maintainer/Committer of Samsung Core Projects]

Samsung Open Source Projects

Open Source is beyond the S/W development method. It means a cultural innovation leveraging the openness. Not only are we one of the biggest power users of Open Source, but Samsung also contributes back to it. We partake in this culture in the form of release and contribution at various projects below.

[View More](#)



android



gstreamer



matter

NEPHIO



node



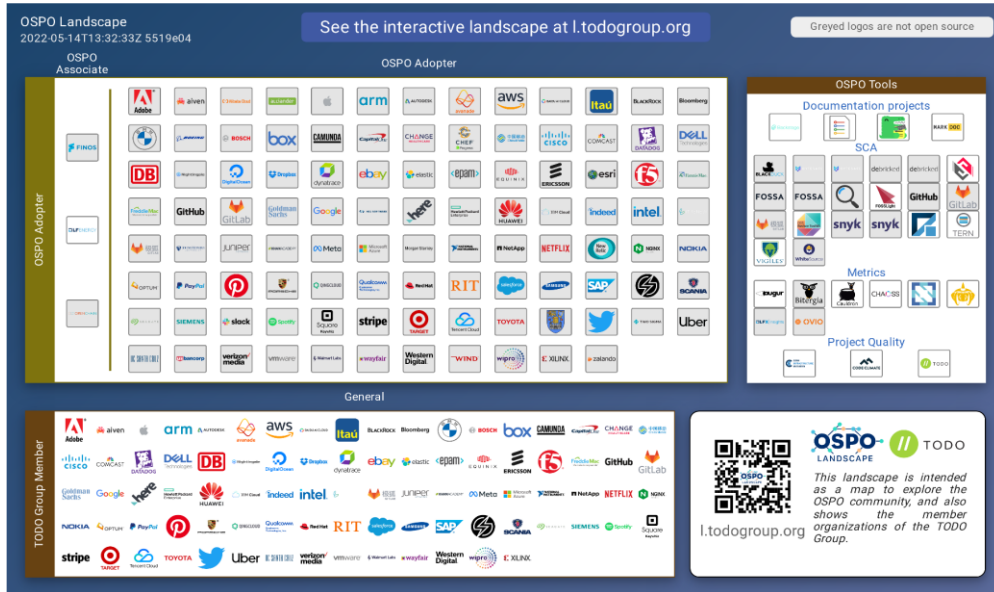
ROS



Developer Community Collaboration



Samsung OSPO (Open Source Program Office)



ISO/IEC 5230:2020
Certified, 2021.7.

Samsung Developer Relations

History of SSDC

SSDC(Samsung Software Developer Conference)는 다양한 분야의 연구 결과를 공유하는 소프트웨어 개발자들의 축제입니다. SSDC는 개발자들과 강하고 지속적인 관계를 형성하기 위하여 2014년부터 오픈소스 중심으로 매년 개최해 오던 SOSCON(Samsung Open Source Conference)을 인공지능, 사물 인터넷, 통신, 보안, 빅데이터 등 소프트웨어 전 분야로 확대하고 개편하였습니다.

SOSCON 2014-2020

The Beginning

2014년, 오픈소스를 주제로 한 국내 유일의 대규모 오픈소스 콘퍼런스 "SOSCON(Samsung Open Source Conference)"이 시작되었습니다.



soscon



SOSCON 2015

SOSCON 2016-2020

SSDC 2021

Renewal by SSDC

삼성전자 개발자 모임 "DevX Day"와 통합하고 주제를 소프트웨어 전반으로 확대하여 SSDC라는 새로운 이름으로 재탄생 했습니다.



SSDC 2022

New BI of SSDC

SOSCON을 시작으로 확대 개편된 SSDC의 이미지를 새롭게 하고 일관성 있게 전달하기 위하여 SOSCON 2016의 후면에 있던 4사선과 SSDC 2021의 라인 디자인과 그래픽 디자인을 모티브로 선에서 면으로 확장하는 개념을 부여하고자 했습니다. 모든 선과 면에는 소프트웨어 분야에 더 많은 개발자들이 다양한 콘텐츠를 공유하고자 하는 SSDC의 의미를 담고 있습니다.



Samsung
Software
Developer
Conference
2022

Blue Rapport

SSDC는 다양한 분야의 소프트웨어 개발자들과 강하고 지속적인 관계를 위한 Blue Rapport를 형성하고자 합니다. 그리고 관계형의 수를 분석하는 의미를 우리나라의 전통어휘에서 차용하였습니다. Blue Rapport는 기술과 사람, 관계, 감정이 매듭처럼 단단히 맺히고 일체 SSDC를 통해 발전해 간다는 의미입니다.



Technology

Human

Relationship

Impression



SDC23 Korea

November 14~15
@Seoul

Openness and Collaboration

The background is a deep blue gradient. It features several vertical streaks of light, some appearing as thin lines and others as thicker, glowing columns. At the bottom, there is a dense field of small, bright blue dots, with some larger, more prominent dots scattered throughout. The overall effect is one of digital connectivity and data flow.

Thank You