

New data: AI chatbots, largest language communities and network APIs

Three industry reports focusing on technology and software developers, including language community sizing, Al chatbots, and network APIs, are available today.

MANCHESTER, UNITED KINGDOM, November 13, 2024 / EINPresswire.com/ -- Quick Trends check-in: 46% of technology professionals use AI chatbots for problem-solving. Go and Rust are the second and third fastest-growing languages.

		Highest proportion of developers in	Lowest proportion of developers in
Javascript*	27.4 M	Web	AR/VR
Python	21.7 M	ML	AR/VR
Java	20.6 M	Cloud	AR/VR
C++	13.0 M	Embedded	Web
C#	10.5 M	AR/VR	ML
PHP	10.3 M	Web	lloT (On Device)
Visual development tools	7.5 M	AR/VR	lloT (On Device)
с	7.1 M	lloT (On Device)	Web
Kotlin	5.9 M	Mobile	ML
Go	4.9 M	Cloud	AR/VR
Rust	4.3 M	lloT (On Device)	Web
Swift	4.2 M	Mobile	Cloud
Dart	3.0 M	Mobile	Web
Ruby	2.7 M	Consumer Electronics (On Device)	ML
Objective C	2.5 M	Consumer Electronics (On Device)	Desktop
Lua	1.6 M	Games	Mobile

Software developer language communities size in Q3 2024

84% of those using network APIs use them for identity-related purposes.

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JavaScript remains the largest programming language community, with more than 27M developers." State of Developer Nation 27th Industry Report Series A series of industry reports that look into the technology and software development space are publicly available today, with more coming next month. SlashData's Developer Nation survey completed its 27th wave. This independent, global survey reached 9,000 respondents from 130+ countries.

Now, everyone can access and explore the latest trends in the software development and technology space through a

6-report series. These reports power strategic and executive decision-making by transforming noise into actionable insights that help shape the future of technology.

Each report focuses on a specific topic. All are accessible under the SlashData Research Space and are free to access, view, and download.

Highlights from the first three reports available today:

- <u>Sizing Programming Language Communities</u>

JavaScript remains the largest programming language community, with more than 27M developers. Go and Rust are the second and third fastest-growing languages.

- <u>The Rise of AI Chatbots For Problem</u> <u>Solving</u>

45% of technology professionals, hobbyists, and students use Al chatbots for problem-solving. This is up from 40% in Q1 2024.

- <u>Network APIs: The New Oil In The 5G</u> <u>Economy</u>

84% of those using network APIs use them for identity-related purposes.

Coming in December:

- How developers build Al-enabled applications

- What developers think about their teams

- Comparing startups to established technology companies

Attached is a selection of key data illustrations to complement your articles.

Journalists have unrestricted access to these findings through the SlashData Research Space.

For additional information, attributions or graphics requests, please contact stathis@slashdata.co

About SlashData

Des of Al chatbots by use case arriver arriv

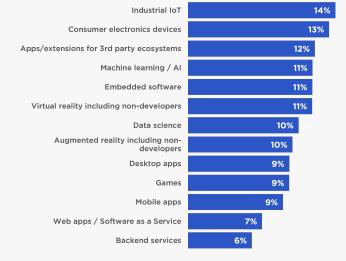
Question wording: What kinds of content do you prefer to consume in each of the following cases?

% *of professionals, hobbyists, and students involved in technology projects by use case (n=4,755 Ql 2024 | n=4,464 Q3 2024)

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Use of AI chatbots by use type by developers in Q3 2024

Adoption of network APIs by type of software development project



Question wording: What categories of third-party APIs do you use in your applications? | Network APIs % of developers by type of software development project (n=8,839)

/ Network APIs: The new oil in the 5G economy | © SlashData | All rights reserved

Adoption of network APIs by software development project in Q3 2024

SlashData is a market research company with more than 18 years of researching the technology space. SlashData delivers insights and data that help industry leaders optimise their business through data-backed strategic decision making. With SlashData's help they have the confidence and information they need to invest in the right audiences and markets, maximising ROI.

SlashData's outstanding sample quality is what differentiates it from the competition. Data quality is powered by a best-in class methodology and in-house proprietary survey technology, using Artificial Intelligence and Machine Learning to cleanse data sets before sharing them with the world.

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