From Building the Rails to Delivering Value: 2026 State of Open Source in Financial Services





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FINOS Fintech Open Source Foundation

THE LINUX FOUNDATION


FINOS
Fintech
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Foundation
In partnership with
GitHub
THE LINUX FOUNDATION Research
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The 2026 State of Open Source in Financial Services
Fintech Open Source Foundation (FINOS)
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NOT insider baseball. A representative, industry account.

~60%
Responses outside FINOS

512
Survey starts.

74%
Financial institutions

44%
North America

12
SME interviews

215
Qualified respondents

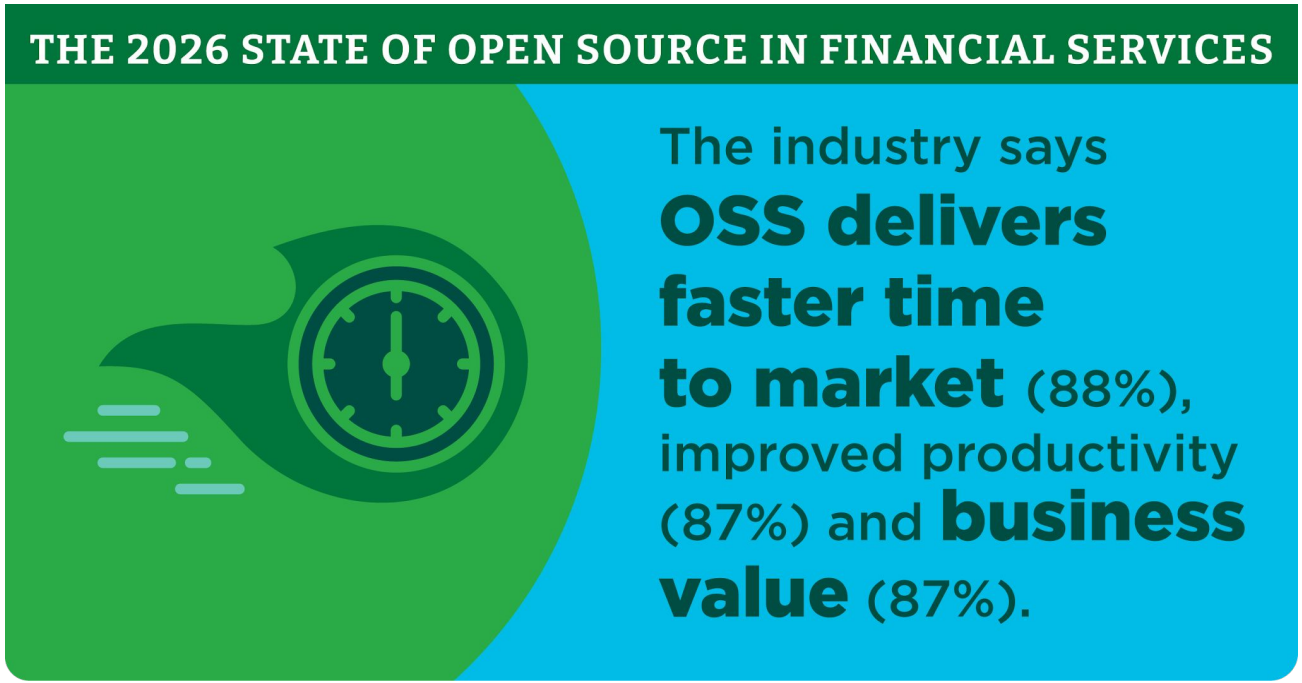
13%
Fintechs, 13% “other”

40%
Europe

Peter Thomas, Deutsche Bank

“Having an established open source vehicle provides an immediate framework for collaboration that enables rapid response to industry events... an open source foundation allows institutions to quickly move from an idea to a production-ready product.”

OPEN SOURCE DELIVERS SPEED AND OUTCOMES FIRST, LOWER COSTS IS HIGH, BUT 5th ON THE LIST



82%

lower costs —

Savings still matter, but they are no longer the main reason firms use open source. Speed and business outcomes lead the way.

Figure 7: How often does using OSS deliver the following benefits in your organization? (Q28, n=215)

Sitija Sarkar, BlackRock

“Open source value rarely gets sufficient exposure or quantified budgeting at the executive leadership level.”

$4.1M

= the average annual savings from using open source, reported by those who know

yet

1 in 5

=DKNS. The value is there, yet many firms still can't measure it — and what isn't measured is hard to fund.

CONTRIBUTION: WHERE THE CHANGE IS MOST VISIBLE

THE 2026 STATE OF OPEN SOURCE IN FINANCIAL SERVICES

GitHub commits
by financial services users
are up 63% YOY.



+87%

Increase in the number of unique repositories with financial services commits.

+12%

Increase in the number of unique contributors.

Sources: Table 1 and Figure 2 (GitHub data provided to FINOS); Table 4, contribution policy over time (Q35, n=208)

CONTRIBUTION DELIVERS RECOGNIZABLE VALUE

PERMISSION TO CONTRIBUTE

93% firms permit contribution in some form

48% manage contribution on an ad hoc or compliance-driven

3x Increase in openly encouraged contribution since 2024 (30% in 2026)

Open Source Readiness remains a valuable resource to enable contribution at scale.

Open Source READINESS

BENEFITS OF CONTRIBUTION

84% Lower technology risk and reduce technical debt

80% Save time otherwise spent maintaining a fork of an OSS project

79% Accelerate software delivery velocity

"We are seeing an increasing number of banks ask how to properly govern and empower developers to securely contribute back to open source projects."

-Philip Holleran, Field CTO - Americas, GitHub

CONTRIBUTION IS HAPPENING ACROSS FIRMS

Public GitHub repositories with the highest number of unique financial services contributors in 2026

2026 GitHub data

Rank	Repository Name	Unique FinServ Contributors	Unique FinServ Domains	FinServ Contributors as a % of Total Contributors	FinServ Commits as a % of Total Commits
#1	oxcaml/oxcaml	45	1	93.75	73.47
#2	man-group/ArcticDB	16	1	76.19	97.90
#3	finos/fluxnova-bpm-platform	15	4	78.95	41.07
#15	finos/fluxnova-modeler	11	4	73.33	17.99
#17	finos/architecture-as-code	10	1	50.00	61.15

STANDARDS REPRESENT A TOP OPPORTUNITY FOR COLLABORATION

47%

rank industry standards as the area where open collaboration delivers the greatest value

KEY OPEN STANDARDS & PROJECTS

FDC³

CDM COMMON DOMAIN MODEL

FINOS COMMON CLOUD CONTROLS

CALM COMMON ARCHITECTURE LANGUAGE MODEL

SDLC Common Controls Catalog

"Having a seat at the table in foundation governance provides a vital voice in shaping common technical standards... conversations on common controls and open standards simply would not happen without a centralized neutral body."

– Elspeth Minty, Managing Director, RBC Capital Markets

OPEN SOURCE CONCERNS TO ADDRESS TOGETHER

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Security vulnerabilities (46%) and supply chain attacks (42%) are the **most concerning OSS issues.**



71%

maintain internal forks

35%

spend >50% of eng. time on maintenance

> *"If we maintain an unmaintained library alone, it's going to cost X; if we chip in with another organization, it's going to cost half X."*
>
> **Senior leader, global investment bank**

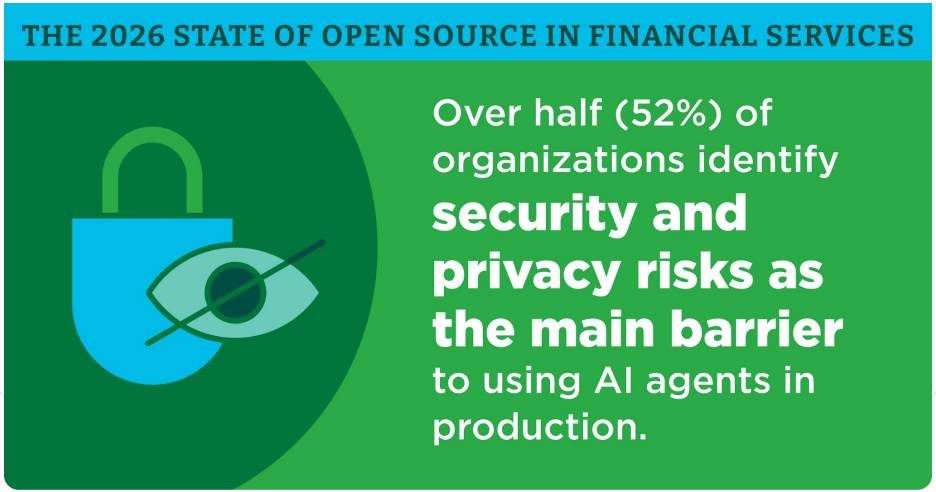
ESTABLISHED AI USE BOTH INTERNALLY & EXTERNALLY

Individual AI Adoption

Individuals are using AI internally for a wide range of activities. Topping the list are **code generation**, **code review**, **debugging**, and **summarization**.

Organizational Deployment

Organizations are deploying AI agents into production both **internally (41%)** and **externally (23%)**.



OPEN SOURCE AI IS CRITICAL TO THE INDUSTRY

Which open source technologies do you feel are the most valuable to the future of the financial services industry?

36%

AI for Business Automation

Focusing on process automation and automated decision-making workflows across business operations.

35%

AI for Software Engineering

Leveraging coding assistants, automated code generation, and developer productivity tools.

33%

AI Agent Orchestration

Interoperability protocols including Model Context Protocol (MCP) and agent-to-agent frameworks.

26%

AI Open-Weights Models

Deploying open models such as Llama and Mistral alongside local model hosting infrastructure.

Figure 24: Most valuable open source technologies for the future of the industry (Q18)

OPEN DATA IS THE NEXT FRONTIER

The Value of Open Data on Global Entities (FINOS & LF Research, June 2026)





Figure 18: Which non-confidential data would be most valuable through an open industry resource? (Q25, n=215) — asked for the first time

Anonymous. Managing Director, Global investment bank

“The use case for sharing data is there because we already do it. We just don't do it easily. Many past attempts failed because they were pioneered by either one agency or one bank.”

51% prefer an industry consortium or neutral foundation to govern shared data

GO DEEPER INTO THE DATA TODAY



Trends, Data and Strategy in Open Source in Finance

Tosha Ellison, FINOS · Hilary Carter, LF Research · Colin Eberhardt, Scott Logic

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