

FINOS

Fintech
Open Source
Foundation

2022Q1 - All Community Call

FINOS Team
FINOS Project / SIG Leads
FINOS Community

Virtually held on February 2nd 2022 at 4pm GMT / 11am EST
<https://www.finos.org/hosted-events/2022-02-02-finos-all-community-call-q1-2022>

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Today's Agenda

10:05 State of the Foundation (10mins)

- **Gab:** State of the Community
- **Gab/James:** Community Recognition

10:15 Getting FINOS to the next level in 2022 (15 mins)

- **Gab:** Everyone's role in Open Source supply chain security
- **Gab/Aitana:** 2022 OKRs & strategic initiatives
- **James:** Get involved and help us scale our Community in 2022

10:30 FINOS Project and SIG Updates (25 mins)

- **Compliant Financial Infrastructure** - Abdullah Garcia, JPMorgan Chase
- **FDC3** - Kris West, Cosaic
- **Financial Objects SIG** - Ffion Wiggins, Goldman Sachs
- **InnerSource SIG** - Arthur Maltson, Capital One & Clare Dillon, InnerSource Commons
- **KDB and KDB Studio** - Alvin Shih, Morgan Stanley
- **Symphony BDK / WDK** - Olivier Poupeney, Symphony

10:55 Save the dates / Q&A (5 mins)

11:00 FINOS All Community Call - Close

Calls to Action

Browse the [FINOS Landscape](#) and join a [FINOS Project or SIG](#).

Star and join the [FINOS Community Repo](#).

Write to the [Community Mailing List](#) or join [FINOS Office Hours](#) if you don't know where to start!

Sign up for the [FINOS Newsletter](#) if you haven't already.

State of the Community

Gabriele Columbro,
Executive Director, FINOS

FINOS Community in Numbers

PLATINUM

 **accenture**

BMO 

citi 

Goldman Sachs

GitHub

J.P.Morgan

Morgan Stanley

NOMURA



GOLD

 **Capital One**

 **Fannie Mae**

HSBC 

 **IHS Markit**

intel.

 **NatWest**

 **redhat.**

REFINITIV 

 **SUSE**

 **SYMPHONY**

 **Tradeweb**



 **WhiteSource**

SILVER

 **Adaptive**

 **armory**

 **BNY MELLON**

CANONICAL

 **CloudBees.**

 **CloudLinux**

 **CodeThink**

 **Cosaic**

 **databricks**

Digital Asset

 **diffblue**
AI for Code

 **<epam>**

 **EGAR**
No Code

 **genesis**
Code Less, Do More™

 **GitLab**

 **GLUE42**

 **Itaú**

SCOTT LOGIC
ALTOGETHER SMARTER

 **SMBC**

Synechron
Real. Smart. Connected. Technology.

ASSOCIATE

 **air** alliance for innovative regulation

 **AlmaLinux**

CRTA | ACTR
COMMODITY REGULATORY TECHNICAL ASSOCIATION
ASSOCIATION CANADIENNE DE LA TECHNOLOGIE REGLEMENTAIRE

 **EDM Council**

 **InterWork Alliance**



ISDA Safe, Efficient Markets

ISLA INTERNATIONAL SECURITIES LENDING ASSOCIATION

majaloop
foundation

OpenUK 

15
Active Open Source Projects
and SIGs

32
Incubating Open Source
Projects and SIGs

1000+
Contributors

53
**Corporate and Associate
Members**

FINOS 2021 Highlights

MEMBERS

19 new members joined FINOS in 2021:

PLATINUM



GOLD



SILVER



ASSOCIATE



PROJECTS

OSS projects: one new project contributed every month in 2021:



Open Standards projects: Community Specification License (FDC3, Currency Reference Data, Open RegTech)

COMMUNITY

New code contributions up 72% YoY

Contributor strength up 162% YoY

State of Open Source in Financial Services Survey (partnership with LF Research, GitHub, Wipro and Scott Logic)

Over 600 attendees at Open Source Strategy Forum (OSSF) London and New York, Fall 2021

Open Source in Finance Podcast (Top #11 Open Source Podcast by Feedspot)

FDC3 Training launched on Nov 9th (in partnership with LF Training)

Community growth and value in our first full year as part of the LF!

LFX Platform

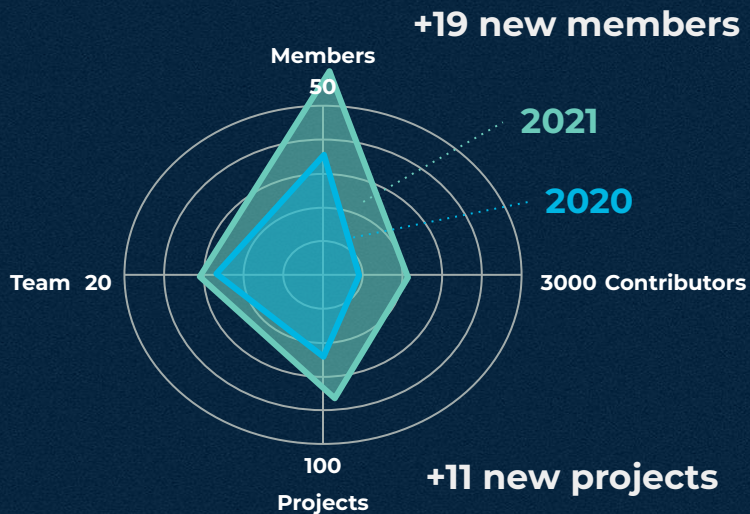
- Scalable [new Member enrollment](#)
- [LFX Insights Metrics](#) & Org dashboard (beta)
- Rolled out [EasyCLA](#)
- [LFX Crowdfunding](#) to fund projects/interns

Synergies

- Pandemic resiliency
- Complementary & Independent
- LF brand & global tech reach
- FSI experience and network (e.g. [OpenSSF](#))

World class teams

- LF Events hosts [OSSF](#)
- LF Research produced [State of OSS report](#)
- LF Training built [FDC3](#) training



Fintech
Open Source
Foundation



FDC3

Training: Interoperability for the Financial Desktop

Take the training for FREE at <https://training.linuxfoundation.org>

Email help@finos.org if you'd like to produce a training or certification for your project!


Training is FREE & now live in the Linux Foundation Edx platform!

- Understand FDC3 and what problems it addresses
- Discuss the challenges of integration and the need for a shared language
- Understand the specification and key components that make up FDC3
- Discuss workflow-driven design as a method of adopting FDC3
- Engage with the FDC3 community

 **Adaptive**

 **FDC3**

By Riko Eksteen, Sebastian Moser, and Ivan Falanga from Adaptive Consulting






\$0
Course only

Enroll Today

Includes

- ✓ Online, Self Paced
- ⌚ 8 Hours of Course Material
- 🔧 Hands-on Labs & Assignments
- 📺 No Video Content
- 💬 Discussion Forums
- 📅 6 Weeks of Free Access to Online Course (Audit Mode)
- 📄 Optional Paid Certificate of Completion

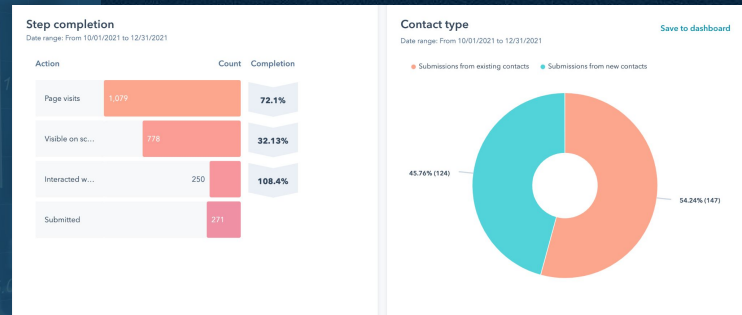
Experience Level: Beginner

 Who Is It For	 What You'll Learn	 What It Prepares You For
<p>This course is aimed at financial professionals working in business roles, program management, or technical architecture, who would like to understand how FDC3 can help them collaborate.</p> <p>read more</p>	<p>This course discusses the FDC3 standard for application interoperability. You will learn about FDC3 and what problems it addresses. Additionally, you will gain an understanding of the challenges of integration.</p> <p>read more</p>	<p>The course prepares business professionals to make informed decisions in the planning or procurement process for new software and helps to ensure that workflows are joined up effectively.</p> <p>read more</p>

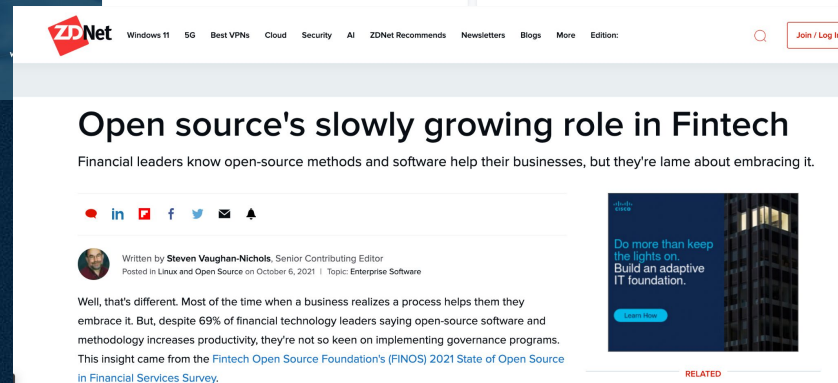
And in other news...



<https://www.finos.org/state-of-open-source-in-financial-services-2021>



<https://podcasts.apple.com/us/podcast/finos-open-source-in-finance-podcast/>



The state of the Community

Increased
activity
volume &
holiday dip

2021 Top 10 Contributors	
Source: LFX Community Leaderboard	
Name	Organization
An Phi	Goldman Sachs & Co. LLC
Pierre De Belen	Goldman Sachs & Co. LLC
Mauricio Uyaguari	Goldman Sachs & Co. LLC
David Watkins	Deutsche Bank AG
Attila Mihaly	Morgan Stanley
Andrew Stein	JPMorgan Chase
David Harte	Goldman Sachs & Co. LLC
Youri Bonnaffé	Symphony Communication Services LLC
Kevin Knight	Goldman Sachs & Co. LLC

2x LF-wide
contributor
strength
growth

The FINOS Community is back (in person)!

Open Source Strategy Forum London 2021

PRESENTED BY
FINOS THE LINUX FOUNDATION

Post-Event Report
October 4-5, 2021 | London, United Kingdom

Open Source Strategy Forum Demographics

Total Registration:

226

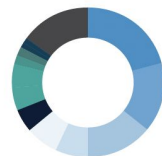
Attendees from

18
Countries

65%
of attendees came from the
United Kingdom

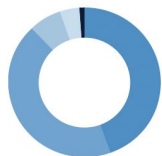
91 Organizations
Participated

24%
of event participants
identified as women



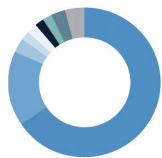
Job Function

- * Executive Leader **21%**
- * Application Developer (Front-end/Back-end/Mobile/Full Stack) **15%**
- * Architect **14%**
- * Manager - Technical Teams **7%**
- * Product/Biz Dev **7%**
- * Manager - OSPO **5%**
- * Manager - Other **5%**
- * Marketing **5%**
- * DevOps/SRE/Sysadmin **2%**
- * Media / Analyst **2%**
- * Systems/Embedded Developer **1%**
- * Legal / Compliance **1%**
- * Other **15%**



Industry

- * Financials **45%**
- * Information Technology **43%**
- * Non Profit Organization **7%**
- * Professional Services **4%**
- * Automotive **1%**



Country

- * UK **65%**
- * USA **16%**
- * India **3%**
- * Canada **2%**
- * Brazil **2%**
- * Ireland **2%**
- * Spain **2%**
- * Germany **1%**
- * Czech Republic **1%**
- * Poland **1%**
- * Bulgaria **1%**
- * Switzerland **1%**
- * Other **3%**



Job Level

- * Director **25%**
- * Manager **19%**
- * VP / SVP / GM **17%**
- * CXO / ED **14%**
- * Individual Contributor **12%**
- * Other **13%**

UK OSSF Event Report

2021 OPEN SOURCE STRATEGY FORUM

PRESENTED BY
FINOS THE LINUX FOUNDATION

NOVEMBER 9-10, 2021 | NEW YORK, NEW YORK

2021 EVENT REPORT

Open Source Strategy Forum Demographics

Total
Registration:
462

Attendees from
13
Countries

136
Organizations
Participated

27%
of event participants
identified as women
or other gender identity

55%
of attendees were
from the financial
services industry

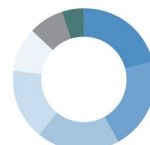
35%
of attendees were from the
information
technology industry

US OSSF Event Report



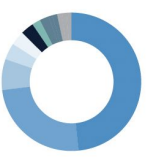
Job Function

- * Executive Leader **17%**
- * Other **15%**
- * Application Developer (Front-end/Back-end/Mobile/Full Stack) **14%**
- * Manager - Technical Teams **13%**
- * Architect **8%**
- * Student - OSPO **6%**
- * Product Manager/Product/Biz Dev **6%**
- * Manager - Other **5%**
- * DevOps/SRE/Sysadmin **4%**
- * Sales/Marketing/Business Development/Marketing **3%**
- * Media / Analyst **3%**
- * Manager - OSPO **2%**
- * Developer/Systems/Embedded Developer **2%**
- * Legal / Compliance **1%**
- * Professor / Academic **1%**



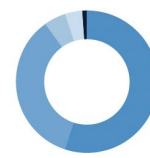
Job Level

- * VP / SVP / GM **21%**
- * Director **21%**
- * Other **19%**
- * Individual Contributor **16%**
- * CXO / ED **10%**
- * Manager **8%**
- * Academic **5%**



Country

- * United States **78.10%**
- * India **10.61%**
- * United Kingdom **5.42%**
- * Spain **0.90%**
- * Brazil **0.68%**
- * Poland **0.68%**
- * France **0.45%**
- * Singapore **0.45%**
- * Colombia **0.23%**
- * Japan **0.23%**
- * Russian Federation **0.23%**
- * United States Minor Outlying Islands **0.23%**
- * Vietnam **0.23%**



Industry

- * Financials **55%**
- * Information Technology **35%**
- * Non Profit Organization **5%**
- * Professional Services **4%**
- * Other **1%**

We recognized our Members and contributors in 2021!

	AWARD	EMEA	AMERICAS
MEMBER AWARDS	Most Active Member	Deutsche Bank	Goldman Sachs
	Leading the Pack	CodeThink	Cosaic
	Breaking the Status Quo	UBS	Itau
	Spread the Word,	Adaptive	Cosaic
	Going "All In"	Deutsche Bank	RBC
COMMUNITY AWARDS	Shining Star (Project)	Legend , Goldman Sachs	Perspective , JPMorgan Chase
	Most Active Individual	David Watkins, Deutsche Bank	Pierre De Belen, Goldman Sachs
	Outstanding leadership	Vijayesh Chandel, Goldman Sachs	Stephen Goldbaum, Morgan Stanley
	Coaching Award	Abdullah Garcia, JP Morgan Chase	Eddie Knight, CitiHub / Synechron
	Individual newcomer	Mauricio Uyaguari, Goldman Sachs	Ephrim Stanley, Goldman Sachs

Looking forward to an
exciting 2022

Gabriele Columbro,
Executive Director, FINOS

This is only the beginning...

<https://future.a16z.com/open-source-financial-services/>

Future

INFRASTRUCTURE IS EVERYTHING

Open Source Is Finally Coming to Financial Services

Angela Strange

Share

Open source will catalyze the financial services industry's biggest evolution to date. This evolution will shift the power in this \$25 trillion industry from business executives to developers, not just in fintech companies, but in centuries-old incumbents, as well.

Until very recently, financial services were notoriously hard and expensive to build. Incumbents and startups alike grappled with extensive regulation, inflexible core systems, complex payment architectures, compliance hurdles, fraud, and more.

The Impact of Harnessing Open Source

- Drive Standards & Increase Reliability
- Spont Connectivity
- Tap Global Networks
- Increase Access/Reduce Costs

The Evolution of Financial Services Building Blocks

Hardware → Software → Platform

https://www.theregister.com/2021/10/29/china_encourages_foss_in_fintech/

The Register

Ransomware Recovery Warranty

Get FOSS-happy, China tells its financial institutions

Simon Sharwood, APAC Editor

Use it, contribute to it, respect its licences – and plan for security emergencies it creates

China has told its finance sector to embrace free and open source software (FOSS).

An opinion from the People's Bank of China and the nation's Central Cyberspace Administration essentially boils down to "go for it".

The document instructs China's financial sector players to use FOSS whenever they feel it is apposite, to contribute to FOSS projects, and to respect the licences under which such software is published. Financial institutions are also encouraged to collaborate with tech companies, universities and other institutions on FOSS efforts.

<https://openssf.org/about/members/>

OpenSSF

OpenSSF Members - Premier

aws cisco DELL Technologies facebook ERICSSON

Fidelity GitHub Google intel IBM

JPMorgan Chase & Co. Microsoft Morgan Stanley ORACLE Red Hat

2022 Community-facing OKRs

Area	Objective	2022 Key Results
GROWTH	Grow an ecosystem of mission-critical implementations based on FINOS projects	2+ FINOS projects are supported, adopted or participated in by regulators
		2+ Buy side or CSPs are announced as FINOS Members or Maintainers
SUSTAINABILITY	Remove internal and external frictions in corporate and individual engagement on ramp	Measure FSI Members baseline on OSMM (H1) & set growth target in H2
		Marketing and Project Success operations are automated on LFX
MEMBER VALUE	Open Source and FINOS value is top of mind across Member organizations	Attendance up by 50%+ at OSSFs and Member meetings
		Contributor strength up by 60% YoY
CORPORATE KPIs	Support the growth of members, projects and open source movement in financial services	Measure Community DEI baseline (in H1) and set growth target in H2
		Security scanning and OpenSSF badge rolled out for all FINOS Projects

Growth Engagement focus

1. **Audiences:** Buy-side, Regulators, Fintech/Regtech, Sell-side, CSPs/Big Tech
2. **Geographies:** Europe, LatAM, APAC (opportunistic)

Strategic Initiatives Overview

An **overarching** set of projects, SIGs and **FINOS led cross-functional** tactics (marketing, hosting, training, certification) requiring **creative ideation and overall orchestration** to drive **tangible progress against FINOS corporate objectives** and business development goals.

Open RegTech

Reg SIG
(Bank-focused)

**Awareness &
Cross-Regulator
Collaboration**
(Regulator-focused)

FDC3 ecosystem

FDC3 Project:
contribution and sustainable
leadership model

FDC3 Ecosystem:
Conformance program, App
Directory, Agent reference
implementation

Open Source Readiness

OSR SIG & related projects

**Open Source Maturity
Model ([OSMM](#))**

Asks for the Community

Open Regtech

- Participate and propose use cases:
 - github.com/finos/open-regtech-sig
 - open-regtech-sig@finos.org
 - Next meeting: March 1st

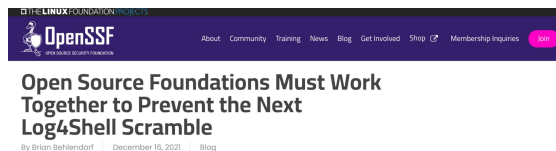
FDC3

- Participate
- Become a maintainer
- FDC3 Use cases
- Next meeting: on the [FINOS Community Calendar](#)

Open Source Readiness

- Participate and propose use cases
 - OS Security
- Take the OSMM survey when available
- Next meeting: March 2nd

The LF critical role in OSS Supply chain security



The OpenSSF and the Linux Foundation Address Software Supply Chain Security Challenges at White House Summit

WASHINGTON (January 13, 2022) Today marks an important moment in the Linux Foundation's history of engagement with public sector organizations. The White House convened an important cross-section of the Open Source developer and commercial ecosystem along with leaders and experts of many U.S. federal agencies to identify the challenges present in the open source software supply chain and share ideas on ways to mitigate risk and enhance resilience.

At the meeting, the Linux Foundation and the Open Source Security Foundation (OpenSSF) represented their hundreds of communities and projects by highlighting collective cybersecurity efforts and sharing their intent to work with the administration across public and private sectors.

Breaking down the issue - 3 pronged approach

LF + OpenSSF

*Identify & Improve
Sustainability and
security posture of
critical Open Source
projects*



OLFX Insights



OpenSSF

OPEN SOURCE SECURITY FOUNDATION

<https://openssf.org/community/alpha-omega/>

FINOS

*Securing FINOS and
OSS projects critical to
financial services*

OLFX Security



THE LINUX FOUNDATION Training & Certification

Consumers

*Continue to improve
professional open
source consumption as
part of open source
readiness*



Open Source
READINESS



COMPLIANT FINANCIAL
INFRASTRUCTURE

What will FINOS do for its projects?

Committed (via OKRs):

1. **Include (and roll out) [OpenSSF Best Practices Badge](#)** in [Project Lifecycle](#) requirements for *incubating* and *active* projects
2. **Accelerate roll out of existing [mandatory security scanning](#)** (currently using Whitesource, looking at [LFX Security](#)) to all projects

Opportunistic (but very possible with your help)

1. **Goal for 2022 of publishing [SPDX SBOMs](#)** and consuming them from dependencies
2. **Maintainers training:**
 - a. Maintainers, as part of their responsibilities, **to take the [free EdX courses on secure software development](#)**. This is just like asking speakers at our events to take DEI training - an ounce of prevention, etc.
 - b. Promote [multi-factor auth tokens](#) at every stage of the development lifecycle
3. Ensure focus on **open source consumption as part of the Open Source Readiness Initiative**

Scaling the FINOS Global Team

We're excited to announce the following changes within the FINOS team!



+
Marketing
Manager

- Aaron 'Grizz' Griswold (Columbia, SC) takes the lead of FINOS Marketing as Sr. Manager, Marketing
 - We're Hiring - [Marketing Manager](#) - referrals welcome!



- Aitana Myohl (NYC) is now Sr. Mgr, Strategic Initiatives
 - Aitana will lead strategic initiatives like Open Source Readiness and [Open Regtech](#)

Senior
Technical
Architect

- We're hiring a [Senior Technical Architect](#) in NYC/remote
 - To support the evolution of our project landscape where it matters the most in the industry - referrals welcome!

Get engaged & help our Community scale

Stuff you should know, consider
engaging with and where your
participation is required

Updates You Need to Know

The FINOS team is happy to announce some awesome updates & new initiatives.

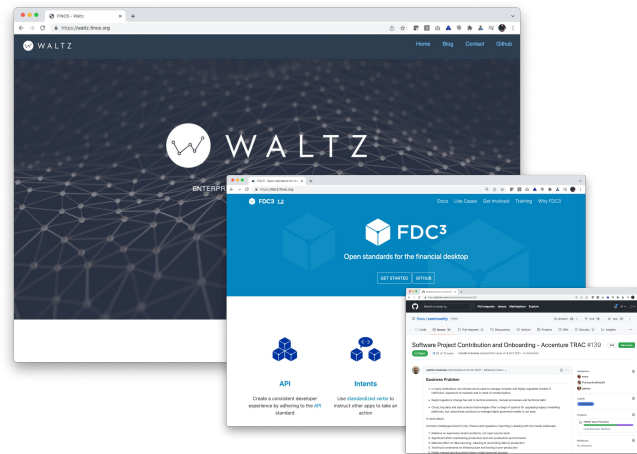


- **FINOS welcomes (back) Kim Prado**, CIO, US Capital Markets, I&CB and Office of the COO at BMO, back to the FINOS Governing Board as Vice Chair replacing Russell Green. Welcome back, Kim!
- **A proposal for the FINOS Technical Steering Committee #153** has been socialised to compliment the FINOS Governing Board and support FINOS SIGS in the 'Problem' space and FINOS Projects in the 'Solution' space. Keep an eye on [FINOS Issue #153](#).
- **The FINOS Diversity and Inclusion Committee** was approved to become FINOS DEI SIG and be chaired by Melinda Aulie from Cosaic and co-chaired by Alejandra Villagra from Citi. Keep an eye on the [FINOS GitHub Landscape](#) for the creation of a D&I SIG repo!
- **FINOS Projects and SIGs needing access to FINOS discretionary funding** should email help@finos.org prior to creating a Linux Foundation [Crowdfunding](#) / [Mentorship](#) Initiative.

Opportunities you don't want to miss

FINOS welcomes you to get involved with current and future FINOS Contributions, Projects and SIGs. Watch the [FINOS Community Repo](#) for new up and coming opportunities!

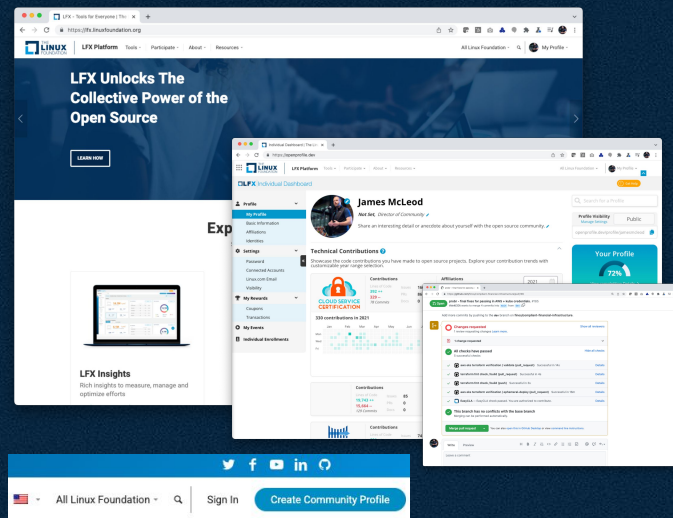
- **[TRAC](#) being contributed to FINOS by Accenture.** TRAC manages complex, highly governed models by providing an immutable time-indexed version history of a platform's models and data. FINOS welcomes [your comments](#) on the [TRAC contribution](#).
- **[FDC3](#) is actively recruiting FSI maintainers** to steer the future direction of the standard. FDC3 welcomes Citi, NatWest and UBS as participants. [Join an FDC3 meeting](#) to get involved.
- **[Waltz](#) now meets on the [2nd Thursday of each month](#)** with participants including NatWest, RBC, Citi, UBS and Deutsche Bank. Hot topics include Legend, Waltz APIs & containerization w/ Docker & Juju Charms.



Your role in helping us scaling our Community

As FINOS Projects, SIGs and the wider FINOS Community grows and scales, **we need your help!**

- **help@finos.org is the recommend way to communicate** with FINOS on requests and support actions you may need. Whether you need legal or infrastructure support, or have ideas for marketing content, meetups help@finos.org is the way to go
- FINOS team will be working with the community to roll out more [LFX features](#) (for Security, DEI, etc). **This only works if:**
 - **You have an LF Profile** at openprofile.dev
 - **You manage your affiliations** to ensure association with our firm at openprofile.dev/code/affiliations
- Help us **enforce security of our projects** by:
 - **Enable [security scanning](#)** on your project
 - Familiarize yourself with the [Security Disclosure policy](#)
 - Take the [secure coding practices FREE trainings](#)
- Create a **easy-to-contribute to backlog**:
 - Create issues with “**good first issue**” or “**security**” labels which FINOS can use interns and new contributors
 - See the current [FINOS wide list of issues](#)



FINOS Project and SIG Updates

FINOS Team and the FINOS Community

KDB+ and KDB Studio



<https://github.com/finos/qPython> (Hard Fork)

- Large payload support added for kdb+ 3.4 and above.
- Version released as <https://pypi.org/project/qPython3>

<https://github.com/finos/kdb-studio> (hard fork)

- Deutsche Bank recently joined FINOS KDB+ project.
- Unification with <https://github.com/dzmipt/kdbStudio>

<https://github.com/ScottLogic/kdb-boothroyd>

- KDB+ collaboration with Scott Logic on TypeScript alternative to KDB Studio.
- FINOS Community collaboration welcome!

Highlights:

-  Join KDB+ We need Business Analysts and Technical Writers.
- Hard forks of Open Source projects interesting given recent log4j & faker.js.
- KDB and KDB Studio `main` branch renamed in line with industry standards.
- Kdb Boothroyd shows how FINOS provides environment for ground-up projects.

Compliant Financial Infrastructure



COMPLIANT FINANCIAL
INFRASTRUCTURE

<https://github.com/finos/compliant-financial-infrastructure>

Compliant Financial Infrastructure provides contributed and curated service designs for GCP, AWS and Azure that meets external and internal regulatory and security controls.

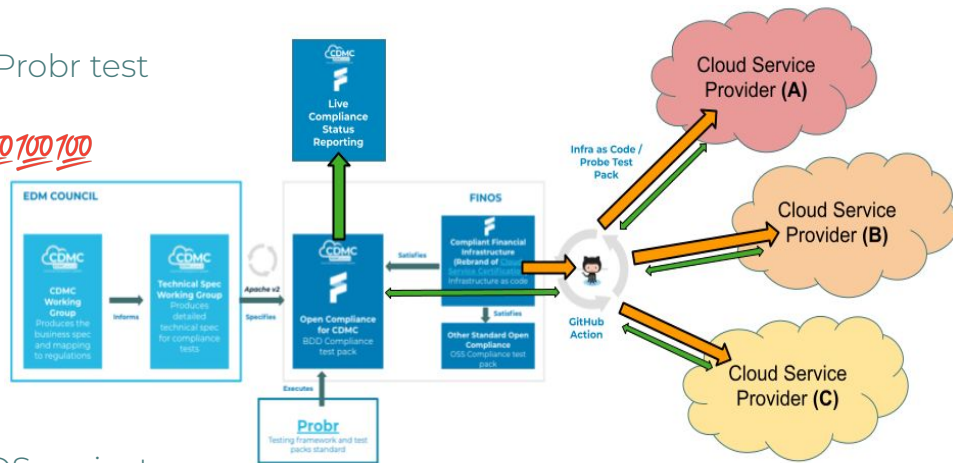
Latest Achievements

- CDMC joined CFI and OC-CDMC. FINOS maintainers joining CDMC Core Team to push tech decisions.
- Integration of AWS EKS Terraform with CFI GitHub Actions and AWS Credentials execute the end-to-end creation of infrastructure as code.
- First integration of Open Compliance for CDMC Probr test pack to execute AWS EKS and Kubernetes CIS Benchmarks tests prior to AWS EKS release 🙌 *100 100 100*
- Packaging first production release to pitch to FINOS Public Legend instance.

CFI needs the FINOS Community

- We're recruiting [CFI Project Maintainers](#).
- We're need cloud engineers and contributors.

Join [CFI fortnightly meetings](#) to participate in the FINOS project.



InnerSource Special Interest Group



Recent Achievements / News :

- Welcomed our new SIG Co-lead: Elspeth Minty, Morgan Stanley.
- Compiled the [Awesome InnerSource Resource](#) list.
- Publishing the first version of the [InnerSource Maturity Matrix](#).

SIG Next Steps:

- Use resources; Expand through pull requests; Add example assets.
- Plan to create InnerSource case studies from the FINOS community.

Thanks to the fantastic contributors:

- Danese Cooper; Clare Dillon; Cristina Coffey; Arthur Maltson; James McGovern; James McLeod; Elspeth Minty; Jorge Nerea; Ludmila Nitishinskaya; Graham Odds; Robert Underwood; Daniela Zheleva
- And to [InnerSource Commons](#) for the original model this was based on.

Our asks of the community:

- Use the [InnerSource Maturity Matrix](#) & contribute your own experience.
- Join the SIG & help spread the word!

InnerSource SIG Goals:

1. Create a safe space to identify and share challenges and solutions that accelerate regulated enterprises' efforts to implement InnerSource within their organisations.

2. Collaborate with the broader FINOS community to share outputs.

3. Work with InnerSource Commons by sharing relevant outputs upstream to the broader ISC community.

<https://github.com/finos/InnerSource/>

Financial Objects



FINANCIAL
OBJECTS

Explore Financial Objects GitHub - <https://github.com/finos/financial-objects> to collaborate and engage in current and future Projects

Latest News

Last year the Financial Objects SIG made 1 contribution to the Common Domain Model (CDM) expanding the Commodities Option Payout.

Early this year, the licensing for continued contribution to the Common Domain Model has been agreed allowing us to launch new working groups.

Current Projects

- Product Control Template: Templates and Mappings have been built and the group are in the process of testing. Two participants have tested so far with a number of others on the journey.
- Positive feedback on the use of Legend to access the templates and execute the testing

Coming Up

- CDM Structured Products: we will be launching a new working group in the coming weeks to expand the CDM into supporting exotic products
- Exploring other data models and opportunities the industry are keen to focus on. Please find open discussion topics: <https://github.com/finos/financial-objects/issues>

FDC3 is an open standard for interoperability on the financial desktop.

Find out more at <https://fdc3.finos.org>, or at <https://github.com/finos/FDC3>.

Multiple discussion groups formed to work on proposals

- **channels feeds & transactions** Enabling new use-cases (proposals approved, group no longer meets)
- **Context Data & Intents** Proposing new content types and intents
- **Desktop Agent Bridging** Enabling interop between different desktop agents
- **app-directory** Proposing improvements to AppD (group just kicking off)

FDC3 2.0 is on the way

- **formal specification** numerous [improvements to the Standard's documentation](#)
- [API additions from](#) **channels feeds & transactions** under review/soon to be merged
- **app-directory** [refinements under discussion](#)

Symphony BDK for Java



Bot Developer Kit: Develop Bots in Seconds!

<https://github.com/finos/symphony-bdk-java>

Version 2.5.0 (Release)

- Support of arguments in command handler
- Security update

Version 2.6.0 (Pre-Release)

- Support of the Common JWT
- Extension Model (<https://symphony-bdk-java.finos.org/extension.html>)

```
@Slash("/hello {arg1} {@arg2} {#arg3} {$arg4}")  
public void onHello(  
    CommandContext commandContext,  
    String arg1,  
    Mention arg2,  
    Hashtag arg3,  
    Cashtag arg4) {  
    log.info("On /hello command");  
}
```

New Contribution: Symphony Generator

<https://github.com/finos/generator-symphony>



```
> yo symphony
```

Save the dates!

OPEN SOURCE STRATEGY IN FINANCE FORUM

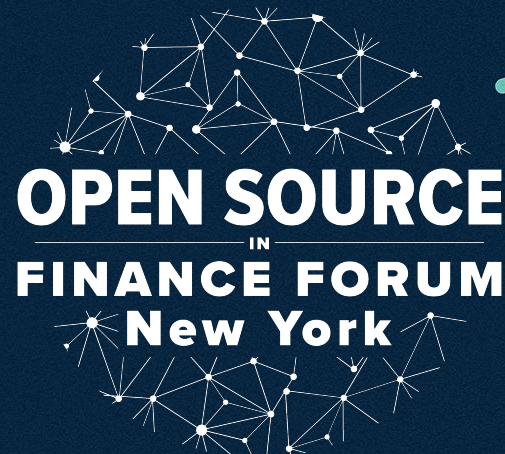


13 July



THE **LINUX** FOUNDATION
MEMBER SUMMIT

**+FINOS Member
Meeting
8-10 November**



8 December

Q&A and AOB

Finally ...

- Watch the [FINOS Community Repository](#)
- Raise a [FINOS Community Recognition](#)
- Find a Project / SIG on the [FINOS Landscape](#)
- Join a [FINOS Project or SIG Meeting](#)
- Meet James and Julia at [FINOS Office Hours](#)