Meeting of the LF AI & Data Technical Advisory Council (TAC)

February 8th, 2024

LF AI & DATA

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Recording of Calls

Reminder:

TAC calls are recorded and available for viewing on the TAC Wiki

Reminder: LF AI & Data Useful Links

- Web site: lfaidata.foundation
- Wiki: wiki.lfaidata.foundation
- GitHub: github.com/lfaidata
- Landscape: https://landscape.lfaidata.foundation or https://l.lfaidata.foundation
- Mail Lists: https://lists.lfaidata.foundation
- Slack: https://slack.lfaidata.foundation
- Youtube: https://www.youtube.com/channel/UCfasaeqXJBCAJMNO9HcHfbA
- LF AI Logos: https://github.com/lfaidata/artwork/tree/master/lfaidata
- LF AI Presentation Template: https://drive.google.com/file/d/1eiDNJvXCqSZHT4Zk_-czASlz2GTBRZk2/view?usp=sharing

- Events Page on LF AI Website: https://lfaidata.foundation/events/
- Events Calendar on LF AI Wiki (subscribe available): https://wiki.lfaidata.foundation/pages/viewpage.action?pageId=12091544
- Event Wiki Pages: https://wiki.lfaidata.foundation/display/DL/LF+AI+Data+Foundation+Events

Agenda

- Roll Call (1 mins)
- Approval of Minutes from previous meeting (2 mins)
- Kedro Project review - Juan Luis Cano Rodriguez (30 minutes)
- Open Discussion

TAC Voting Members - Please note

Please ensure that you do the following to facilitate smooth procedural quorum and voting processes:

- Change your Zoom display name to include your First/Last Name, Company/Project Represented
  - example: Nancy Rausch, SAS
- State your First/Last Name and Company/Project when submitting a motion
  - example: First motion, Nancy Rausch/SAS

TAC Voting Members

Note: we still need a few designated backups specified on wiki

Member Company or Graduated Project	Membership Level or Project Level	Voting Eligibility	Country	TAC Representative	Designated TAC Representative Alternates
4paradigm	Premier	Voting Member	China	Zhongyi Tan	
Microsoft	Premier	Voting Member	USA	Ali Dalloul	
Amazon Web Services	Premier	Voting Member	USA	Brian Granger	Mark Atwood
Ericsson	Premier	Voting Member	Sweden	Rani Yadav-Ranjan	
Huawei	Premier	Voting Member	China	Howard (Huang Zhipeng)	Charlotte (Xiaoman Hu), Leon (Hui Wang)
IBM	Premier	Voting Member	USA	Susan Malaika	Beat Buesser, Alexandre Eichenberger
OPPO	Premier	Voting Member	China	Jimmy (Hongmin Xu)	
SAS	Premier	Voting Member	USA	*Nancy Rausch	Liz McIntosh
ZTE	Premier	Voting Member	China	Wei Meng	Liya Yuan
Adversarial Robustness Toolbox Project	Graduated Technical Project	Voting Member	USA	Beat Buesser	Kevin Eykholt
Angel Project	Graduated Technical Project	Voting Member	China	Jun Yao	
Egeria Project	Graduated Technical Project	Voting Member	UK	Mandy Chessell	Nigel Jones, David Radley, Maryna Strelchuk, Ljupcho Palashevski, Chris Grote
Flyte Project	Graduated Technical Project	Voting Member	USA	Ketan Umare	
Horovod Project	Graduated Technical Project	Voting Member	USA	Travis Addair	
Milvus Project	Graduated Technical Project	Voting Member	China	Xiaofan Luan	Jun Gu
ONNX Project	Graduated Technical Project	Voting Member	USA	Alexandre Eichenberger	Andreas Fehlner, Prasanth Pulavarthi, Jim Spohrer
Pyro Project	Graduated Technical Project	Voting Member	USA	Fritz Obermeyer	
Open Lineage Project	Graduated Technical Project	Voting Member	USA	Julien Le Dem	Michael Robinson, Mandy Chessell
Marquez Project	Graduated Technical Project	Voting Member	USA	Willy Lulciuc	TBD

Minutes approval

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Approval of January 25, 2024 Minutes

Draft minutes from the January 25 TAC call were previously distributed to the TAC members via the mailing list

Proposed Resolution:

- That the minutes of the January 25 meeting of the Technical Advisory Council of the LF AI & Data Foundation are hereby approved.

Annual Review for KEDRO

February/08/2024

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Kedro

Brief Description:

Kedro is an open-source Python toolbox for production-ready data science. It uses software engineering best practices to help you create data engineering and data science pipelines that are reproducible, maintainable, and modular.

TSC Chairperson: Yetunde Dada

Contributed by:
Initially contributed by McKinsey and QuantumBlack in August 2021.

Key Links:

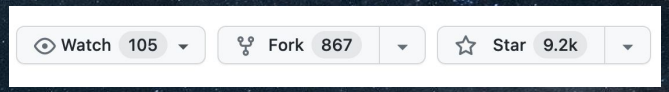
Github: https://github.com/kedro-org/kedro/

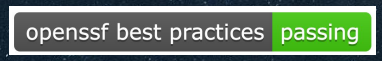
Website: https://kedro.org/

Artwork: https://artwork.lfaidata.foundation/projects/kedro/

Mailing lists:

- kedro-announce
- kedro-technical-discuss
- kedro-tsc





Organizations contributing

McKinsey & Company

getindata[1]
Part of Xebia

SOCIETE GENERALE[1]

VOLTRON DATA[2]

[1]New in 2023
[2]Voltron Data acquired Claypot AI

Contributions

2022

The mission of the Project is to design and implement an open source framework for creating reproducible, maintainable and modular data science code.

AI, ML, D...

View Trends

Technical Contributions

TOTAL LOC 662.40K	COMMITS 4.37K
CONTRIBUTORS 74	PULL REQUESTS 682
PULL REQUESTS MERGED 571	MERGED LEAD TIME 7 Days
ISSUES 492	ISSUES RES. TIME 79.95 Days

Key Achievements in the past year

- Released new major versions: kedro 0.19, kedro-datasets 2.0, kedro-viz 6.x and 7.x
- Decoupled kedro and kedro-datasets
- Replaced legacy configuration loaders with OmegaConf-based one
- Shipped shareable URLs in Kedro-Viz
- Surpassed 1500+ members in public Slack
- Surpassed 9k+ GitHub stars
- Established social media presence on LinkedIn, YouTube, and the Fediverse (Mastodon)
- Published 3-hour video course
- Kedro docs were announced as the overall winner of the UK Technical Communication Awards 2023
- Added 2 new organisations to TSC (GetInData and Société Générale)

Areas the project could use help on

- Organic growth: Lots of GitHub stars, but few mentions on Reddit, Medium, and the like?
- “Champions” program: Engaging power users regularly to build a stronger sense of community
- TSC involvement: Majority of non-McK coding activity happens in satellite repositories (plugins)
- Data-driven decision making: Telemetry collection that respects user privacy and supports evolution (in progress)

Feedback on working with LF AI & Data

- Jacqueline and now Lucy are always helpful and responsive, as well as the IT team (frequent DNS change requests)
- Great to have LF 1Password, mailing lists
- Unclear status of various insights portals, security dashboards (in progress)
- Potential closer cross-collaboration between adjacent projects (Kedro + OpenLineage, Amundsen, Feast)

Open Discussion

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Upcoming TAC Meetings

- February 22 – Graduation of DocArray
- March 7 – OpenKedro

Please note we are always open to special topics as well.

If you have a topic idea or agenda item, please send agenda topic requests to tac-general@lists.lfaidata.foundation

TAC Meeting Details

TAC Biweekly Meeting LF AI & Data

Ways to join meeting:

1. Join from PC, Mac, iPad, or Android

https://zoom-lfx.platform.linuxfoundation.org/meeting/95332329356?password=c708f2ee-fb78-4a12-91a3-47daa19b708f

2. Join via audio

One tap mobile:

US: +12532158782,,95332329356# or +13462487799,,95332329356

Or dial:

US: +1 253 215 8782 or +1 346 248 7799 or +1 669 900 6833 or +1 301 715 8592 or +1 312 626 6799 or +1 646 374 8656 or 877 369 0926 (Toll Free) or 855 880 1246 (Toll Free)

Canada: +1 647 374 4685 or +1 647 558 0588 or +1 778 907 2071 or +1 204 272 7920 or +1 438 809 7799 or +1 587 328 1099 or 855 703 8985 (Toll Free)

Meeting ID: 95332329356

Meeting Passcode: 040721

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