



## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

The slide features a purple and red abstract background with circular patterns. At the top left is the Open Source Summit logo. The main title is "LF AI Overview / How to Get Involved / Outreach Committee updates" in large, bold, black font. Below the title is the name "Ibrahim Haddad / The Linux Foundation" in a smaller white box. In the bottom left corner is the hashtag "#ossummit". In the bottom right corner is the Linux Foundation logo. The slide is titled "SLIDES".





VIDEO



SLIDES



**LF AI is an LF umbrella foundation founded in March 2018 to support collaboration and open source innovation in the AI, ML, and DL domains**

<https://lfaifoundation.org>

THE LINUX FOUNDATION

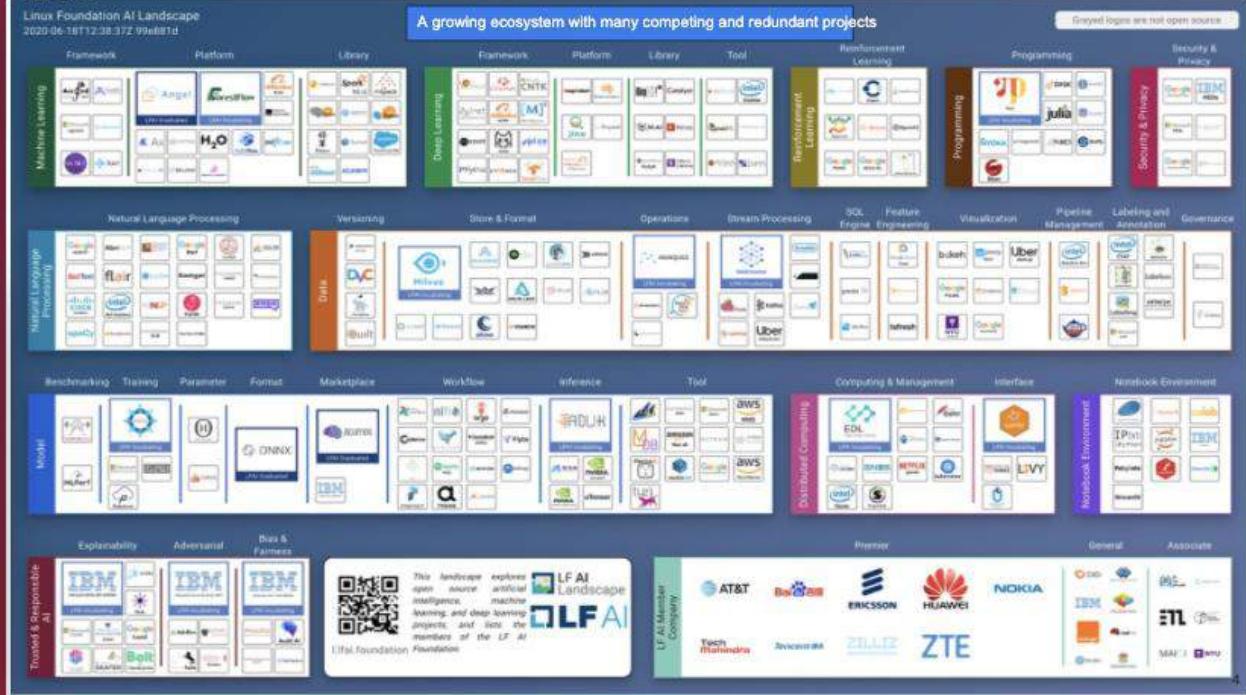
LFAI

3



**VIDEO****ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

**SLIDES**



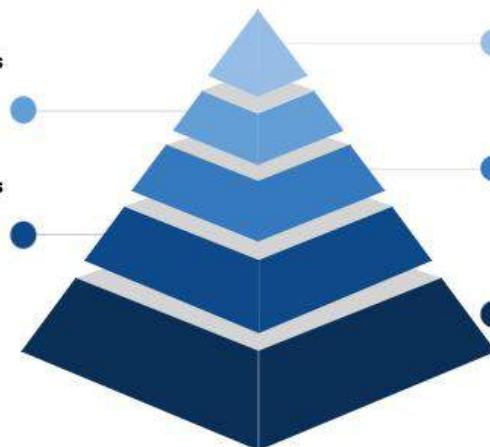
VIDEO

**ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## Open Source AI - Ecosystem Challenges

**Managing projects assets**  
As project grows, it is unclear who should own legal and administrative tasks that are essential to the health of the project**Governance challenges**  
No formal governance, governance favors the creators of the project, project backer dominating dev and governance**Glass ceiling for project investment and adoption**  
in the absence of a fair governance and safe haven for the project's assets**Developed for a specific product needs**  
The open source spinoff is a result of wanting to build an ecosystem and collaborate on building a platform**Fragmentation**  
**Lack of integration**  
**Lack of cross pollination across projects**

THE LINUX FOUNDATION



VIDEO



SLIDES

## Motivations for Harmonization

1. Better integration and interoperability capabilities across projects
2. Greater efficiency for members across various costs spent on supporting and growing the ecosystem
3. Unified guidance for end users on tools, interoperability, integration, standards, and the future of AI, Data and Analytics as its use continues to grow in every industry
4. Hosting projects under a single umbrella enables closer collaboration and integration across projects and is a proven recipe for building a strong open ecosystem

THE LINUX FOUNDATION

6





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

## LF AI Structure

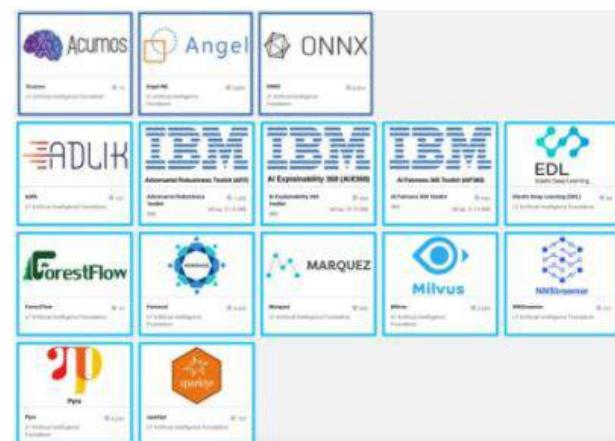
## Funding Governance



## Technical Coordination



## Hosted Projects



THE LINUX FOUNDATION



VIDEO



SLIDES

## Governance

- › Foundation governance: funding effort to support technical projects hosted under the Foundation
- › Technical governance: hosted projects have their own independent technical governance
- › The Foundation's Charter is available from <https://lfaifoundation.org>
- › Dedicated Staff:
  - › [Jacqueline Serafin](#), Lead PM
  - › [Ibrahim Haddad](#), Executive Director

THE LINUX FOUNDATION

LF AI

8





## VIDEO



## SLIDES

## LF AI Major Efforts

## Neutral Environment

Provide an neutral environment and an open governance that fosters collaboration and cross-pollination across projects and communities

## Harmonization, Interoperability

Increase efforts to harmonize AI/ML/DL open source projects and reduce fragmentation; increase interoperability among technical projects

## Trusted and Responsible AI

Become the home of open source trusted and responsible AI, both at the level of technical projects and also at the level of principles and guidelines

## Data, Models, Marketplace

Host open source models and provide supporting tools; publish best practices; offer a marketplace for AI/ML/DL models

## Funding and Awareness

Provide a funding model for key projects  
Increase awareness via a number of marketing and outreach activities  
Training courses published in edX

Vendor neutral  
Not-for-profit  
Open governance  
IP clarity

Technical Advisory Council  
ML Workflow & Interop  
Cross-Foundation Collab  
Integration across projects

Trusted AI Committee

Open source marketplace  
Open source AI models

Funding model  
LF AI Days  
LF AI Summits  
Marketing services  
PM services  
Event services

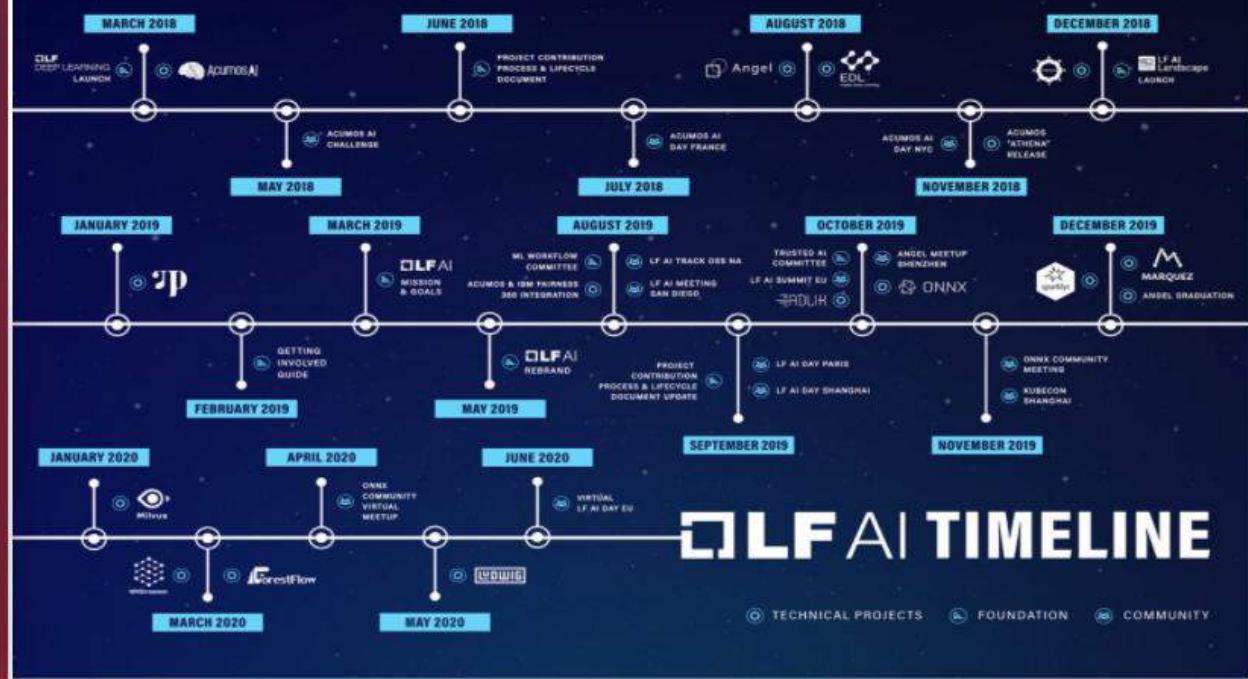
THE LINUX FOUNDATION

9



**VIDEO****ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

**SLIDES**



## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

## Members

## Premier



## General



## Associate





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

## Projects

## Graduation



## Incubation





VIDEO

**ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## Project Resources

Hosted project stages and life cycle: <https://lfai.foundation/project-stages-and-lifecycle/>

Offered services for hosted projects:

<https://lfai.foundation/services-for-projects/>



VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## Companies hosting projects in LF AI



FACEBOOK

*Tencent* 腾讯

Uber

wework

ZILLIZ  
Reinvent Data Science

ZTE

THE LINUX FOUNDATION

LF AI





## VIDEO



## SLIDES

## Universities Contributing Code to LF AI Projects

UNIVERSITY OF  
COPENHAGENUNIVERSITY OF  
OXFORDTHE UNIVERSITY  
OF BRITISH COLUMBIA

NEW YORK UNIVERSITY



Massachusetts Institute of Technology



FLORIDA STATE UNIVERSITY

THE LINUX FOUNDATION

LF AI

16



LF AI Foundation Mini-Summit

onlinexperiences.com/scripts/Server.nxp

THE LINUX FOUNDATION  
OPEN SOURCE SUMMIT  
NORTH AMERICA

Embedded Linux Conference  
North America

VIDEO SLIDES

**Stay Connected with LF AI!**

- › **Social**
  - › Follow [@LFAI\\_Foundation](#) on Twitter
  - › Connect via [LF AI Foundation](#) on LinkedIn
- › **Mail Lists** 
  - › [TAC](#) - Participate in technical governance and hear about LF AI projects
  - › [Events](#) - Learn about upcoming events
  - › [Announce](#) - Stay in the loop on top level Foundation information
- › **Blog**
  - › Check the latest news on our [Blog](#)

THE LINUX FOUNDATION

OLFAI

17



**VIDEO****SLIDES**

## Joining LF AI Foundation is easy!

Please follow up with [Ibrahim Haddad](#)

Web site <https://lfaifoundation.org>

Email [info@lfaifoundation.org](mailto:info@lfaifoundation.org)

Landscape <https://lfaifoundation.org>

Github <https://github.com/lfaif>

Wiki <https://wiki.lfaifoundation.org>

Mailing lists <https://lists.lfaifoundation.org/groups>

**ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

THE LINUX FOUNDATION

LF AI

18





VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## Updates from the LF AI Technical Advisory Council (TAC)

Jim Spohrer, IBM

#ossummit





VIDEO



SLIDES

## Today's Speaker



### Updates from the LF AI TAC

Jim Spohrer (IBM) – Director, Cognitive Opentech Group/CODAIT  
[IBM Developer Community](#)  
[IBM Research - Almaden](#)

[Linux Foundation AI – Technical Advisory Council \(LFAI TAC\) Chairperson](#)  
[ONNX Steering Committee Member](#)  
[IBM Center for Open Data and AI Technologies \(CODAIT\)](#)

<https://www.linkedin.com/in/spohrer/>  
[Blog and Bio: Blog and Bio](#)  
[@JimSpohrer](#)

THE LINUX FOUNDATION

OLFAI

6/26/2020 21





VIDEO



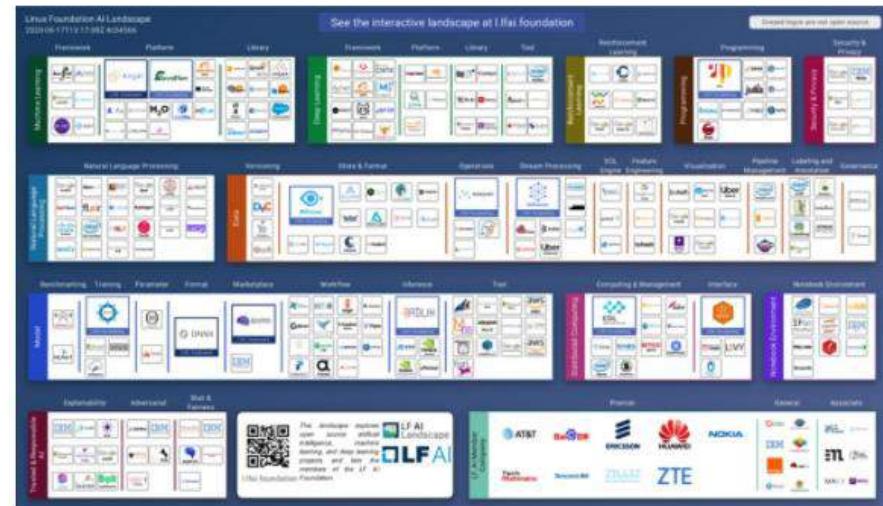
## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## WHO IS WELCOME TO ATTEND BI-WEEKLY TAC meetings?

- › Everyone!
- › with an interest in exploring and evolving the [LF AI Landscape](#)!
- › and agree to abide by our [code of conduct](#)

THE **LINUX** FOUNDATIONURL: <https://landscape.lfai.foundation/>

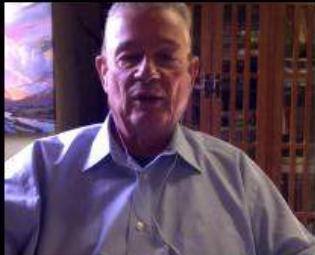
LF AI

6/26/2020 22





VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## Who is welcome to present at bi-weekly TAC calls?

- › People with an interest in the [LF AI Landscape](#) and [LF AI Community](#)
- › Presenting about their AI and Data related Projects, Organizations, or Initiatives
- › See [more examples](#)  
LF AI TAC meeting presentations
- › Some Examples
  - › April 20, 2018 founding members discussing processes, documents, etc.
  - › December 6, 2018 Uber representative presented Horovod
  - › January 3, 2019 Acumos and Angel project updates
  - › April 25, 2019 ML Workflow Committee established
  - › June 20, 2019 Trusted AI Committee established
  - › April 23, 2020 Red Hat Open Data Hub introduction
  - › June 18, 2020 IBM Trusted AI and Montreal AI Ethics Institute



VIDEO

**ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## Who are the current Voting Members of the LFAI TAC?

- › [LF AI Charter](#)
  - › Technical Advisory Council (TAC)
  - › "facilitate communication and collaboration among the Technical Projects"
  - › Representatives of Premiere Members and Graduated projects
- › [Voting](#)
  - › Which open source Technical Projects become part of LF AI (incubation, graduated)
  - › Electing annually a chairperson to preside over meetings
  - › Amending project lifecycle procedures and processes
- › Benefits: Multi-vendor open governance of assets owned in a non-profit foundation.

THE LINUX FOUNDATION

Member	Contact
AT&T	<a href="#">Reuben Klein</a>
Baidu	<a href="#">Daxiang Dong</a>
Ericsson	<a href="#">Rani Yadav-Ranjan</a>
Huawei	<a href="#">Huang Zhipeng</a>
Nokia	<a href="#">Pantelis Monogioudis</a>
Tech Mahindra	<a href="#">Nikunj Nirmal</a>
Tencent	<a href="#">Bruce Tao</a>
Zilliz	<a href="#">Jun Gu</a>
ZTE	<a href="#">Wei Meng</a>
Acumos AI Project	<a href="#">Nat Subramanian</a>
Angel Project	<a href="#">Bruce Tao</a>
ONNX Project	<a href="#">Jim Spohrer</a>

LF AI

6/26/2020 24





VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## Call to action

- › Study the [LF AI Landscape](#)
  - › Suggest additional projects
- › Study the [LF AI Technical Projects](#)
  - › Use projects
  - › Contribute to projects
- › Review the [recordings of previous TAC meeting](#)
  - › Suggest future topics
- › Join a [weekly TAC call \(Thur 9am ET\)](#)
  - › Introduce yourself in the chat
  - › Join [LF AI Slack workspace](#)
- › Request that [your organization join LF AI!](#)

THE LINUX FOUNDATION



OLFAI

6/26/2020 25





VIDEO



SLIDES

## Legal Notices

- The Linux Foundation, The Linux Foundation logos, and other marks that may be used herein are owned by The Linux Foundation or its affiliated entities, and are subject to The Linux Foundation's Trademark Usage Policy at <https://www.linuxfoundation.org/trademark-usage>, as may be modified from time to time.
- Linux is a registered trademark of Linus Torvalds. Please see the Linux Mark Institute's trademark usage page at <https://imi.linuxfoundation.org> for details regarding use of this trademark.
- Some marks that may be used herein are owned by projects operating as separately incorporated entities managed by The Linux Foundation, and have their own trademarks, policies and usage guidelines.
- TWITTER, TWEET, RETWEET and the Twitter logo are trademarks of Twitter, Inc. or its affiliates.
- Facebook and the "f" logo are trademarks of Facebook or its affiliates.
- LinkedIn, the LinkedIn logo, the IN logo and InMail are registered trademarks or trademarks of LinkedIn Corporation and its affiliates in the United States and/or other countries.
- YouTube and the YouTube icon are trademarks of YouTube or its affiliates.
- All other trademarks are the property of their respective owners. Use of such marks herein does not represent affiliation with or authorization, sponsorship or approval by such owners unless otherwise expressly specified.
- The Linux Foundation is subject to other policies, including without limitation its Privacy Policy at <https://www.linuxfoundation.org/privacy> and its Antitrust Policy at <https://www.linuxfoundation.org/antitrust-policy>. each as may be modified from time to time. More information about The Linux Foundation's policies is available at <https://www.linuxfoundation.org>.
- Please email [legal@linuxfoundation.org](mailto:legal@linuxfoundation.org) with any questions about The Linux Foundation's policies or the notices set forth on this slide.

THE LINUX FOUNDATION

LF AI

6/26/2020 26





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

# LFAI Trusted AI Committee

Animesh Singh, IBM

#ossummit





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

We are have been working responsibly to bring  
**Trust and Transparency into AI..**

...relevant more so in these unprecedented times....

A collage of news articles and images. At the top right is a headline from THE HILL and strategy+business: "Pandemic is showing us we need safe and ethical AI more than ever". Below it is an article from Axios: "Responsible AI is even more essential during a crisis". To the right is a snippet from Thrive Global: "COVID-19 Could Bring Bias in AI to Pandemic Level Crisis". At the bottom left is a snippet from Preeetpadma: "BEYOND RACIAL BIASES, CAN AI BE MADE ETHICAL?". The collage includes small images of people and various news logos.



## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

"We believe now is the time to begin a national dialogue on whether and how facial recognition technology should be employed by domestic law enforcement agencies"

Arvind Krishna  
IBM CEO, June 2020 letter to US Congress





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

"If we fail to make **ethical** and **inclusive** artificial intelligence we risk losing gains made in civil rights and gender equity under the guise of machine neutrality."

**Joy Buolamwini**  
Gender Shades  
MIT Media Lab



Joy Buolamwini - MIT Media Lab <<https://www.media.mit.edu/people/joybuolamwini>> (CC BY 4.0).



## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

## Trusted AI Lifecycle through Open Source

Pillars of trust, woven into the lifecycle of an AI application

Did anyone tamper with it?



ROBUSTNESS

Is it fair?



FAIRNESS

Is it easy to understand?



EXPLAINABILITY

Is it accountable?



LINEAGE

Adversarial Robustness 360

↳ (ART)

[github.com/IBM/adversarial-robustness-toolbox](https://github.com/IBM/adversarial-robustness-toolbox)

[art-demo.mybluemix.net](http://art-demo.mybluemix.net)

AI Fairness 360

↳ (AIF360)

[github.com/IBM/AIF360](https://github.com/IBM/AIF360)

[aif360.mybluemix.net](http://aif360.mybluemix.net)

AI Explainability 360

↳ (AIX360)

[github.com/IBM/AIX360](https://github.com/IBM/AIX360)

[aix360.mybluemix.net](http://aix360.mybluemix.net)

AI Factsheets





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

## LFAI Trusted AI Committee

<https://wiki.lfai.foundation/display/DL/Trusted+AI+Committee>

Bring Trust, Transparency and  
Responsibility into AI

- ✓ Principles Working Group
- ✓ Technical Working Group

Chairs	Region	Company
Animesh Singh	North America	IBM
Souad Ouali	Europe	Orange
Jeff Cao	Asia	Tencent





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

## Trusted AI Updates

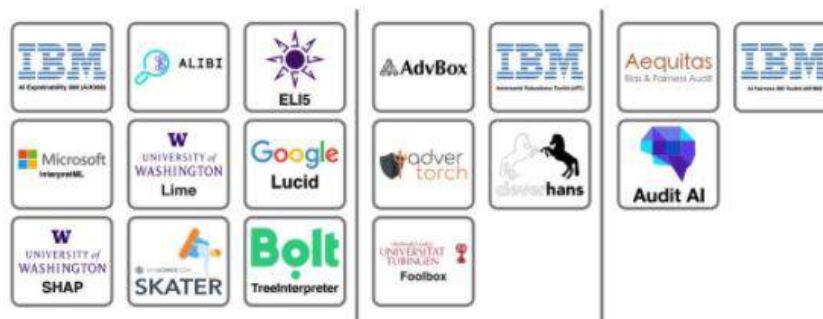


## Explainability

## Adversarial

## Bias &amp; Fairness

## Trusted &amp; Responsible AI



**VIDEO****ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

**SLIDES**

## Trusted AI Updates

**Technical Working Group:****Topics presented and discussed**

AI Fairness 360: MLOps Section created  
 Kubeflow Pipelines Integration  
<https://github.com/IBM/AIF360/tree/master/mlops/kubeflow>  
 Apache Nifi Integration:  
<https://github.com/IBM/AIF360/tree/master/mlops/nifi>  
 SKLearn API support for AIF360  
<https://github.com/IBM/AIF360/tree/master/ai360/sklearn>  
 The AI Fairness 360 R package  
<https://github.com/IBM/AIF360/tree/master/ai360/ai360-r>  
 AI Factsheets  
<https://www.ibm.com/blogs/research/2018/08/factsheets-ai/>  
 KFServing Integration  
<http://bit.ly/kubeflow-trusted-ai>  
 KPMG: Trusted AI in field  
<https://lists.lfai.foundation/g/trustedai-committee/files/KPMG%20AI%20in%20Control%20May142020.pdf>

Adversarial Robustness 360: MLOps Section created  
 Kubeflow Integration  
<https://github.com/IBM/adversarial-robustness-toolbox/tree/master/mlops>

**Principles Working Group:**

Materials submitted to Trusted AI Committee from  
 --- Orange (document draft 4.1 dated 12 August 2019)  
 --- AT&T (Working Draft Artificial Intelligence Operating Principles Under Development version dated Nov 7, 2019)  
 --- TenCent (Jeff Cao - Tencent Research Institute - slides)  
 --- IBM (<https://wiki.lfai.foundation/display/DL/Trusted+AI+Committee#TrustedAICommittee-Artifacts>)  
 --- Institute of Ethical AI <https://github.com/EthicalML/awesome-artificial-intelligence-guidelines> <https://ethical.institute/>  
 Initial PWG Trusted AI documents produced. Tencent, Orange and IBM have signed off. Seeking an AT&T signoff  
 Orange Responsible AI Presentation  
[https://lists.lfai.foundation/g/trustedai-committee/files/2020\\_Responsible\\_AI\\_Orange\\_LFAI.pdf](https://lists.lfai.foundation/g/trustedai-committee/files/2020_Responsible_AI_Orange_LFAI.pdf)

**Upcoming Work::**

Finalize the LFAI Principle document outlining, among other things-  
 -- scope - who creates AI - humans or machines/AIs  
 -- bias in definitions  
 -- consider how to organize principles - perhaps in a hierarchy  
 - particular contribution of document: linking principles to implementation; incorporating global principles and thinking, linking to business through use cases  
 -- more on correlation to business e.g., how explainability links to business (edited)

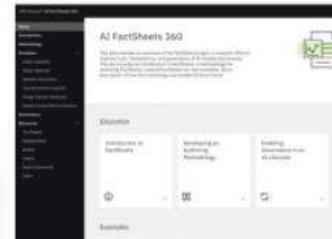


**VIDEO****ABSTRACT**

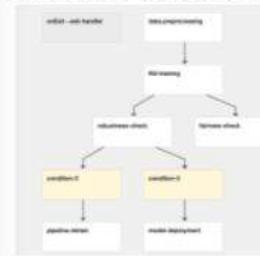
The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

**SLIDES****Technical Working Group Activities****AI Factsheets 360**

<https://aifs360.mybluemix.net>



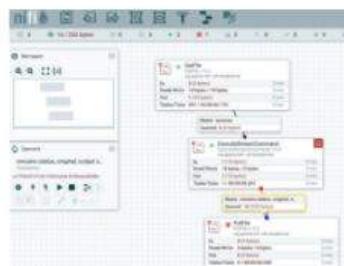
- AI Governance
- AI Transparency
- Sample factsheets with IBM Model Asset Exchange (MAX) models

**MLOps: Kubeflow Pipelines**

<https://github.com/IBM/AIF360/tree/master/mlops>

**AIF 360**

- Available now in R (before was only in python)
- Compatibility to Scikit Learn
- >Blogs:
- [The AIF360 fairness toolkit is now available for R users](#)
- [The AIF360 team adds compatibility with scikit-learn](#)
- [IBM continues momentum in AI and trust leadership](#)

**MLOps: Apache Nifi**

- Apache Nifi processor for AIF360

<https://lfai.foundation/tag/apache-nifi/>



## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

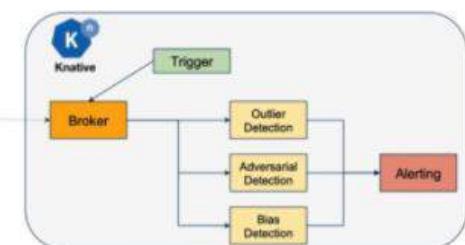
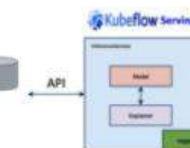
## SLIDES

## Payload Logging to enable Trusted AI



## KfServing Implementation (alpha):

- Add to any InferenceService  
Endpoint: Predictor, Explainer, Transformer
- Log Requests, Responses or Both from the Endpoint
- Simple specify a URL to send the payloads
- URL will receive CloudEvents



```
POST /event HTTP/1.0
Host: example.com
Content-Type: application/json
ce-specversion: 1.0
ce-type: repo.newitem
ce-source: http://bigitem.com/repo
ce-id: 61086dd4-t85d-417b-b58f-3771e532
<payload>
```



VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

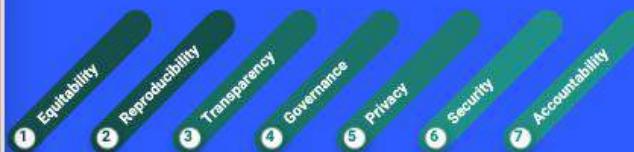
SLIDES

## Principles Working Group

[bit.ly/trusted-ai](http://bit.ly/trusted-ai)

### LFAI Trusted AI Principles:

- Identified 7 principles with participating organizations, which were abstracted from existing initiatives, and have been structured to be relevant for any open source project. Evolving further
- Agreed that principles will focus "beyond the algorithms" into the OSS governance process





VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

KPMG's AI in Control – Framework detail

Our AI in Control framework is aimed at identifying the key risks, activities and control points that should be embedded in the governance construct to help ensure the unique risks and implications of AI are appropriately identified, managed, assessed and monitored on-going. Illustrative activities are shown below through the AI lifecycle from strategy through deployment of an AI solution.

Integrity Understand & Track Lineage Protect Reputation	Strategy	Design	Model	Evaluate	Deploy & Evolve
Explainability Achieve Transparency Gain Confidence	<ul style="list-style-type: none"> <li>Alignment with strategy, business, compliance requirements</li> <li>Available corporate policies and guidelines</li> </ul>	<ul style="list-style-type: none"> <li>Use of data sources and inputs</li> <li>Test for data quality and cleansing</li> <li>Qualified SME's involved</li> <li>Data provenance check</li> </ul>	<ul style="list-style-type: none"> <li>Evaluate training methodology or procedures</li> <li>Feature provenance</li> </ul>	<ul style="list-style-type: none"> <li>Experiment setup and configuration</li> <li>QC model experiments and evaluation reports</li> <li>Model accuracy and precision</li> </ul>	<ul style="list-style-type: none"> <li>Runtime model metrics detection</li> <li>Continuous training governance and assessment</li> <li>Implementation control</li> </ul>
Fairness Be Inclusive & Ethical Ensure Appropriate Use	<ul style="list-style-type: none"> <li>Adherence to data usage guidelines</li> <li>Explanatory feature names</li> </ul>	<ul style="list-style-type: none"> <li>Explainability requirements and schema/template defined</li> </ul>	<ul style="list-style-type: none"> <li>Check for model metadata including attributes</li> </ul>	<ul style="list-style-type: none"> <li>Explainability testing and acceptance</li> </ul>	<ul style="list-style-type: none"> <li>Model improvement/change log</li> <li>System Documentation</li> <li>Report output evaluation</li> </ul>
Resilience Serve & continuously monitor Prevent Attacks	<ul style="list-style-type: none"> <li>Published list of allowed features</li> </ul>	<ul style="list-style-type: none"> <li>Validation and quality check of ground truth</li> <li>Bias verification, mitigation of ground truth (train, test &amp; eval)</li> </ul>	<ul style="list-style-type: none"> <li>Features compliance with policies, business requirements and regulations</li> </ul>	<ul style="list-style-type: none"> <li>Model and Concept drift evaluation</li> <li>Inclusiveness testing</li> <li>Model risk scoring</li> </ul>	<ul style="list-style-type: none"> <li>Setup for continuous monitoring of fairness and accuracy</li> <li>Escalation process</li> </ul>
	<ul style="list-style-type: none"> <li>Model usage guidelines, restrictions, and specifications</li> <li>Defined model SLA's</li> <li>Required skills and support to manage and maintain</li> </ul>	<ul style="list-style-type: none"> <li>Data usage guidelines; data privacy and protection</li> </ul>	<ul style="list-style-type: none"> <li>Training data access protection and auditability</li> <li>Model deployments/ensuring interoperability</li> </ul>	<ul style="list-style-type: none"> <li>Use of approved frameworks, runtimes, and APIs</li> <li>Security vulnerability and adversarial attack testing</li> <li>Model and Concept drift detection</li> </ul>	<ul style="list-style-type: none"> <li>Program execution</li> <li>Model access and ACL</li> <li>Continuous monitoring, protection &amp; testing (recalibration, incident response, BCP)</li> <li>Usage and feedback data protection</li> <li>Model breach/Incident response plan</li> </ul>



Mapping to business needs  
Ethics and policy adherence  
Model measurement metrics

Understanding data lineage  
Detect imbalances in data  
Feature Analysis  
Bias detection & mitigation

- Check feature compliance
- Modeling assumptions
- Auditability and Logging

- Business Operational indicators
- Model explainability
- Evidence profiles
- Adversarial and security testing
- Continuous model monitoring

- Production readiness
- Interoperability and serving
- Continuous protection
- Monitoring for metrics and drift
- Model and data governance

**VIDEO****ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

**SLIDES****Client case studies****Global bank****Challenge**

A global bank wanted to drive increased effectiveness of how it was detecting fraud and at a reduced cost. This required the application of intelligent automation to detect more potential fraud cases, while at the same time detect fewer false positives.

**Approach**

With machine learning playing an ever greater role in their business decisions, including credit risk, fraud detection and marketing business functions, the Internal Audit team was asked about an approach to evaluate machine learning models. KPMG was asked to help evaluating their AI audit capabilities, skills, and procedures against leading practices.

**Benefit**

KPMG automated the work that 100 fraud prevention staff were doing previously, and at higher levels of accuracy than the human approach. Five people are now continuously reviewing the solution, and the remaining staff have been deployed elsewhere in the bank.

**Major Credit card company****Challenge**

With machine learning playing an ever greater role in their business decisions, including credit risk, fraud detection and marketing business functions, the Internal Audit team was asked about an approach to evaluate machine learning models. KPMG was asked to help evaluating their AI audit capabilities, skills, and procedures against leading practices.

**Approach**

Combining with many teams across the firm, KPMG has developed a solution which helps evaluate Internal Audit's capabilities, skills, and practices around machine learning. Combining this with training for providing robust training to internal audit teams in evaluating machine learning risk and controls.

**Benefit**

The credit card company gains greater control over their AI models internally, reducing the risk of failure in their models, which if left unaddressed, could lead to public brand damage and financial loss.

**European Capital City****Challenge**

A capital city in Europe is using an algorithm to identify, reward, educate and promote companies coming from its citizens. The city wants to ensure that the algorithm and resulting insights are transparent, unbiased, and that they are looking to implement a system of managing risks to overcome these issues.

**Approach**

KPMG is using its AI In Control method to provide guidance by refuting system of controls on the design, implementation and operation of the algorithm.

**Benefit**

The city will be able to disclose to its citizens that the algorithm is thoroughly controlled and reviewed by an objective party that assesses its design, implementation and operation.

**studies****International brewery company****Challenge**

An international brewery company has been actively pursuing the adoption of robotics in its business and operations, including AI technology. Overall, the company is exploring to implement advanced robotics opportunities using machine learning in a controlled way.

**Our Approach**

Set up a control and governance framework for advanced robotics solutions and machine learning, including automated risks, controls and tests that help to put advanced robotics/analytics models in production in a controlled manner.

**Benefit**

A ready-to-go control framework on the design, development, test, deployment, management lifecycle of advanced robotics models in place which can be leveraged to put advanced robotics solutions into production in a controlled manner.

**Online travel agency****Challenge**

An online travel agency is running an algorithm to place bids on online advertisements. They have asked for help to understand what is wrong, and they are looking to get additional insights on further improvements, including a risk assessment for future initiatives.

**Our Approach**

KPMG is using its AI In Control method to perform an independent review of the algorithm and its governance and control framework, including the implementation of the algorithm, including the company's governance model to ensure the continuous (operation) (validity) of the algorithm.

**Benefit**

An independent review of an algorithm and its governance and control model, including planes of improvement both for performance and for future initiatives.



LF AI Foundation Mini-Summit

onlinexperiences.com/scripts/Server.nxp

THE LINUX FOUNDATION  
OPEN SOURCE SUMMIT  
NORTH AMERICA

Embedded Linux Conference  
North America

VIDEO



SLIDES

# Responsible AI at Orange

**ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

**Under construction regulation in Europe**

*"In my first 100 days in office, I will put forward legislation for a coordinated European approach on the human and ethical implications of artificial intelligence." – Ursula von der Leyen, European Commission President-elect*

**February 2020 White paper**

- Awaited update of existing Product Liability Directive
- Differentiation between high-risk AI and other scenarios based on activity sector and specific usage
- Common Risk analysis Framework needed
- prior conformity assessment would be mandatory for high-risk applications, voluntary label for others

Ongoing consultation : Ecosystem of Excellence and Ecosystem of Trust

[https://ec.europa.eu/info/sites/info/files/commission-white-paper-artificial-intelligence-feb2020\\_en.pdf](https://ec.europa.eu/info/sites/info/files/commission-white-paper-artificial-intelligence-feb2020_en.pdf)



refresh icon

video icon

document icon

list icon

comment icon

person icon

**VIDEO****ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

**SLIDES**

## Is Open Source enough?

- Open Source projects run by a single individual or controlled by a single vendor are quite closed in their governance.
- Projects delaying or not allowing outside contributions
- Projects welcoming of outside contributions, but not providing leadership roles to set technical strategy and direction.
- Projects controlled by a single individual or organization present a greater risk and lower the opportunity for collaboration and innovation.

## Benevolent Dictator



## We need Open Governance

### We need a neutral foundation that holds the copy rights and associated marks

- Reduces risk of project abandonment.
- Reduces risk of unilateral project license changes
- Eliminates single-vendor control
- Creates a real sense of ownership by the community members
- Gives a safe place to innovate

More details:

<https://developer.ibm.com/articles/open-governance-community>





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

## Announcing: Moving Trusted AI projects in Open Governance to LFAI

### Adversarial Robustness 360

↳ (ART)

[github.com/IBM/adversarial-robustness-toolbox](https://github.com/IBM/adversarial-robustness-toolbox)

[art-demo.mybluemix.net](http://art-demo.mybluemix.net)

### AI Fairness 360

↳ (AIF360)

[github.com/IBM/AIF360](https://github.com/IBM/AIF360)

[aif360.mybluemix.net](http://aif360.mybluemix.net)

### AI Explainability 360

↳ (AIX360)

[github.com/IBM/AIX360](https://github.com/IBM/AIX360)

[aix360.mybluemix.net](http://aix360.mybluemix.net)





## VIDEO



## ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

## SLIDES

Join the mission!



Linux Foundation AI  
Trusted AI Committee

[bit.ly/trusted-ai](http://bit.ly/trusted-ai)

<https://aif360.mybluemix.net/>

### AI Fairness 360

*Open Source Toolbox to Detect and Mitigate Bias*

- Demos & Tutorials on Industry Use Cases
- Comprehensive Toolbox
- 75+ Fairness metrics
- 10+ Bias Mitigation Algorithms
- Fairness Metric Explanations

[https://github.com/  
IBM/AIX360](https://github.com/IBM/AIX360)

AI Explainability  
360

*Interpret and explain  
machine learning models.*

[https://github.com/IBM/  
adversarial-robustness-  
toolbox](https://github.com/IBM/adversarial-robustness-toolbox)

Adversarial  
Robustness 360

*Defend against adversarial  
attacks and make AI systems  
more secure*

### Trusted AI @ IBM

[ibm.biz/trusted-ai](http://ibm.biz/trusted-ai)

( <https://www.research.ibm.com/artificial-intelligence/trusted-ai/> )





VIDEO



SLIDES

# ML Workflow & Interop Committee Updates

Howard Huang / Huawei

#ossummit





VIDEO



SLIDES

## MLWorkflow & Interop Committee - Addressing Interop

With recent development of the [Pyro](#) project, an incubation project of [LF AI Foundation](#), Julia and MindSpore, it has become evident that AI native programming is the next trend in deep learning framework development. Gone with the old days that mathematical libraries were added to existing engineering toolsets, data scientists will more and more likely to use their familiar toolset with more engineering capability added. AI developers should be able to write the models as the mathematical format without a steep learning curve of software engineering

THE LINUX FOUNDATION

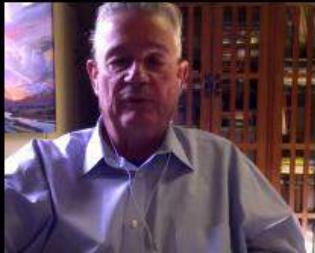
LF AI

6/26/2020 48





VIDEO

**ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## MLWorkflow & Interop Committee - Problem Scope

- 1 Northbound Interoperability when the AI Native programming framework is adopted for applications in different areas.
- 2 Southbound Interoperability when the AI Native programming framework is used on various compute and storage backends
- 3 Framework Interoperability when traditional deep learning frameworks need to be supported or transformed. ([ONNX](#))
- 4 Build Interoperability when various types of deployment could be reproducible on different pipelines. ([Kubeflow](#))

THE LINUX FOUNDATION

LF AI

6/26/2020 49





VIDEO



SLIDES

## MLWorkflow & Interop Committee - Interop Landscape

Computer Vision

Natural Language Processing

Reinforcement Learning

Federated Learning

General Scientific Computing

More Apps (AutoML, Meta learning, ...)



Northbound: Interop Among Frameworks (IR, Crypto, Type System, Metadata ...)

AI Native Programming  
(Pyro, Julia, MindSpore, ...)



Southbound: Interop Between Frameworks and Backends

AI Domain Specific Hardware  
(Ascend, GPUs, FPGAs, ASICs, ...)

Storage  
(Raw Volumes, Object Storage, Database...)

### ABSTRACT

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

THE LINUX FOUNDATION

LF AI

6/26/2020 50





VIDEO



## ABSTRACT

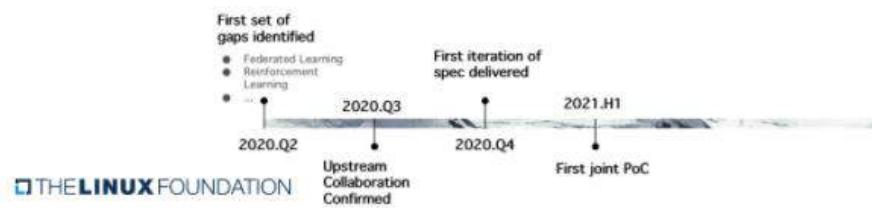
The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

SLIDES

## MLWorkflow & Interop Committee - Interop Work Items

- › Address the northbound and southbound interoperability problem and work with LFAI community at large to solve framework and build interoperability issue

- 01** | Identify the gaps
  - 02** | cross community discussion
  - 03** | upstream gap-fulfilling development
  - 04** | interop specification
  - 05** | joint proof of concept



LF AI Foundation Mini-Summit

onlinexperiences.com/scripts/Server.nxp

THE LINUX FOUNDATION  
OPEN SOURCE SUMMIT  
NORTH AMERICA

Embedded Linux Conference  
North America

VIDEO SLIDES

**MLWorkflow & Interop Committee Update**

- › Key Development
  - › The [interop proposal](#) was reviewed and approved
  - › The interop use case document has been [prepared](#), in which Transfer Learning and Federated Learning are selected as the top two areas to study the gaps for interoperability.
- › Key Stats
  - › Mailing list interactions have improved a lot in May

Message History

2020	Jan	Feb	Mar	Apr	May
	2	2	5	7	16

THE LINUX FOUNDATION

OLFAI

6/26/2020 52

↻ ⟲ ⟳ 🔍 🗃 💬 🙁

LF AI Foundation Mini-Summit

onlinexperiences.com/scripts/Server.nxp

THE LINUX FOUNDATION  
OPEN SOURCE SUMMIT  
NORTH AMERICA

Embedded Linux Conference  
North America

VIDEO SLIDES

**MLWorkflow & Interop Committee Update**

Discussion Arrangment

- Starting in June meeting to invite LFAI project members to join for conversation on interoperability. The current proposed pipeline is:
  - Adlik
  - Seldon/Kubeflow
  - ONNX
  - ...

THE LINUX FOUNDATION

OLFAI

6/26/2020 53

refresh video notes user profile



VIDEO



SLIDES

## MLWorkflow & Interop Committee Update

### › Adlik Discussion

- › (1) What other open source projects have you successfully integrated your project with in an ML Workflow? What made that work?  
› A: Tensorflow, Keras, PyTorch. XGboost/ScikitLearn for v1.0. Static graph first.
- › (2) What other open source projects have you unsuccessfully integrated your project with? What made it fail?  
› A:
- › (3) What other open source projects would you like to be integrated with in the future? Why? What will be the challenges?  
› A: Acumos for O-RAN use case
- › (4) What are the top use cases of your project today/tomorrow (northbound)?  
› A: How to define or standardize the inference metadata structure/format.  
<https://github.com/SeldonIO/seldon-core/#send-api-requests-to-your-deployed-model> (Seldon Swagger Example)
- › [https://github.com/kubeflow/kfserving/blob/master/docs/predict-api/v2/required\\_api.md#model-metadata](https://github.com/kubeflow/kfserving/blob/master/docs/predict-api/v2/required_api.md#model-metadata) (KFServing)  
› (5) What hardware and storage requirements does your project have today/tomorrow (southbound)?

THE LINUX FOUNDATION

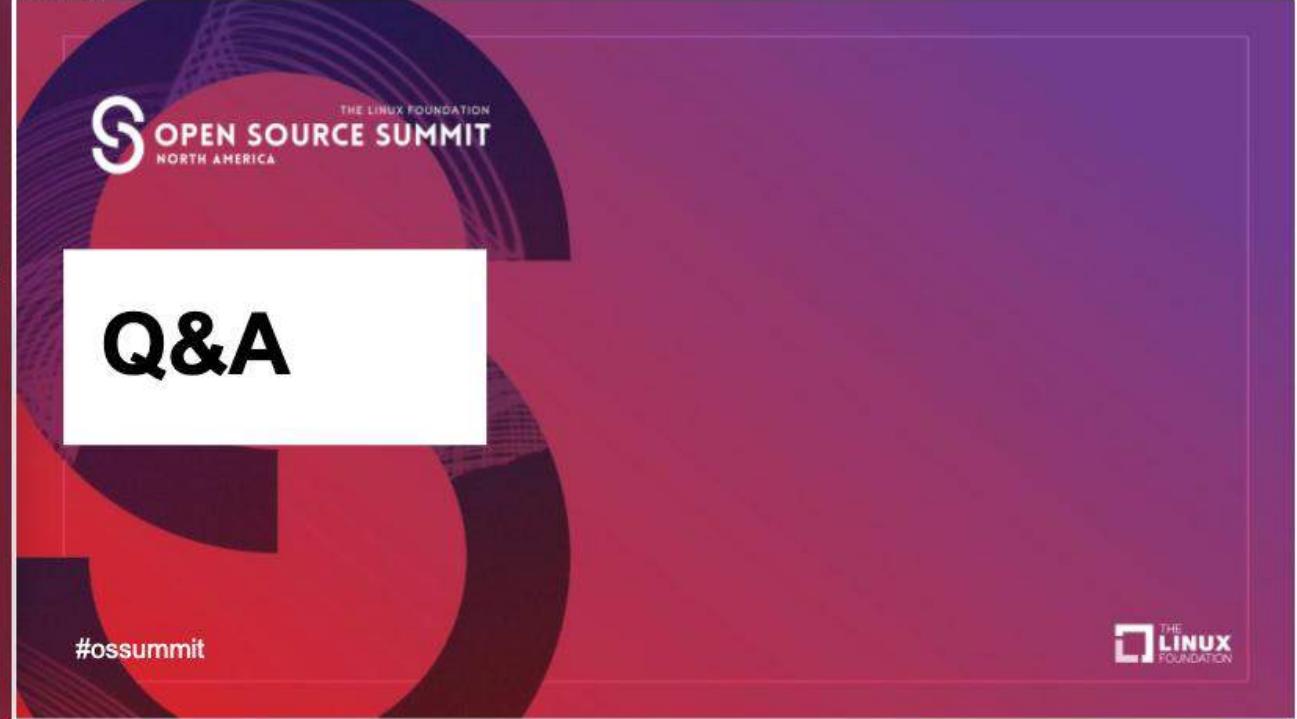
OLFAI

6/26/2020 54





THE LINUX FOUNDATION

**VIDEO****SLIDES****ABSTRACT**

The LF AI Foundation's mission is to build and support an open AI community, and drive open source innovation in the AI, ML, and DL domains by enabling collaboration and the creation of new opportunities for all the members of the community. We invite you to join us for our LF AI Foundation Mini Summit where we will cover the latest updates from the Foundation, Technical Advisory Council, Trusted AI Committee, technical projects, and more. We look forward to uncovering new collaboration opportunities among our growing community. Join us!

