TSC Board meeting

2022-8-11

agenda

- Moving FATE into LF AI & Data

- Interoperatbility Roadmap and Planning

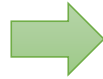- Organization Member

Moving FATE into LF AI & Data

- Presented to LF AI & DATA to introduce FATE

- The TAC of LF AI & DATA approved FATE's joining

- LF AI & DATA plans to announce the news in late August

- No changes to the governance model of FATE

Interoperability Roadmap

Versions of 1.x are currently deployed in large numbers on institutional production systems

Existing version 1.x

Backward compatibility of existing APIs

Spark and Eggroll Interoperability

Gradual transition to interoperable version

Interoperable version

The implementation of the interoperability interface will take some time to stabilise

Interface discussion and definition based on Fintech Alliance topic

Transformation at data level

Interface Open Source (Interoperability repository)

Transformation at management level

Integration testing of heterogeneous products

Integration testing with 3 to 5 headline privacy computing products. Progressive iterative optimization

Interoperable Version Release

Interoperability Planning

- To define the specs of scheduling, execution(storage and compute), communication.

- FATE 2.0 starts implementing the above specs for interoperability

- Other vendors' solutions can implement the same specs to work with FATE 2.0+

- FATE's next release (v1.10) will continue with the existing architecture (i.e. no implementation of the specs)

- Time line (tentative):
  - FATE 1.10 (9/2022 – 12/2022)
  - FATE 2.0 alpha (9/2022-12/2022)
  - FATE 2.0 beta (1/2023 – 4/2023)

Interoperability Planning

road	July	August	September	October	November	December	2023 Q1	2023 Q2
Fintech Alliance topic	Kick-off meeting	Technology Sub-topics advancement Discussion and formation of APIs for each module			Integration validation 3 to 5 programmes		Optimisation and refinement v1.0 Interface GA	Iterative refinement and interfacing with more products
		Preparation of technical reports and group standards			Technical Report Releases		Group standards submission for approval	
FATE community		Development of FATE interoperability roadmap, and decision making by board	Create an interoperability repository Submission of beta version of interoperability APIs discussed by the Alliance Transformation of management Development of algorithmic decoupling functions		Interoperability branch creation Submit interoperability version code and iterate to improve it		After completing interoperability validation with 4 to 5 products, merge the interoperability branch with the main branch and release version 2.0	Improve iterations to attract more product interfacing
			Promote backward compatibility in interface design for versions after 1.7		Researching the interoperability of Spark and Eggroll and developing solutions			Promoting Institutional Upgrades Version 2.0

Organization Member

Overview of the first group of Organization Members

	单位名称	Name
1	中国工商银行股份有限公司	INDUSTRIAL AND COMMERCIAL BANK OF CHINA LIMITED
2	中国银联股份有限公司	CHINA UNIONPAY., LTD
3	深圳前海微众银行股份有限公司	WEBANK CO., LTD
4	威睿信息技术(中国)有限公司	VMware Information Technology (China) Co.,Ltd.
5	深圳致星科技有限公司	CLUSTAR TECHNOLOGY CO., LTD
6	中国电信集团有限公司	China Telecom
7	中国银行股份有限公司	Bank of China
8	建信金融科技有限责任公司	CCB Fintech Co., Ltd.
9	光大科技有限公司	EVERBRIGHT TECHNOLOGY CO.LTD
10	腾讯云计算(北京)有限责任公司	Tencent Cloud
11	北京三快在线科技有限公司（美团）	Beijing Sankuai Online Technology Co., Ltd.（Meituan）
12	医渡云(北京)技术有限公司	Yidu Cloud (Beijing) Technology Co., Ltd.
13	第四范式(北京)技术有限公司	Beijing Fourth Paradigm Technology Co., Ltd
14	绿盟科技集团股份有限公司	NSFOCUS Technologies Group Co., Ltd.
15	亚信科技（中国）有限公司	Asiainfo Technologies Limited
16	中国联合网络通信集团有限公司	China United Network Communications Corporation Co., Ltd.
17	北京国电通网络技术有限公司	BELIING GUODIANTONG NETWORK TECHNOLOGY CO., LTD
18	中银金融科技有限公司	BOC Financial Technology Company Limited
19	易方达基金管理有限公司	E Fund Management Co., Ltd.