Open Source Innovation in AI

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LF Deep Learning Foundation is driving open source innovation in, and enabling use of, AI by building and supporting an ecosystem of AI / ML / DL projects.
LFDL goals

- **Accelerate** the development and adoption of AI / ML / DL

- Enable AI / ML / DL that is **easy to implement and use**

- **Create** an ecosystem of collaboration for developers and users
LF DL structure

Governance Board

Outreach | Legal | Budget

Technical Advisory Council (TAC)

Acumos AI

EDL

Angel

Governance & Community

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Membership

Premier
• Annual membership fee $100K
• Premier Members can each appoint a representative to the Governing Board and TAC

General
• Sliding fee scale based on headcount, tops out at $25,000
• The general members elect a representative to the Governing Board
Acumos platform
Angel

GitHub: https://github.com/Angel-ML/angel
>1,350 commits, 30 contributors
License: Apache-2.0
Description:

Angel is a high-performance distributed machine-learning platform based on Parameter Server, running on YARN and Apache Spark. It is tuned for performance with big data/model and has a wide range of applicability and stability, demonstrating increasing advantage in handling higher dimension model. Angel supports big and complex models with billions of parameters.
EDL – Elastic Deep Learning

GitHub: https://github.com/paddlepaddle/edl

~1,000 commits, 14 contributors

License: Apache-2.0

Description:

EDL is an Elastic Deep Learning framework designed to help Deep Learning Cloud Service providers to build cluster cloud services using different deep learning frameworks.
What’s next?
Note: This covers only a fraction of the total number of AI solutions.
Thank you