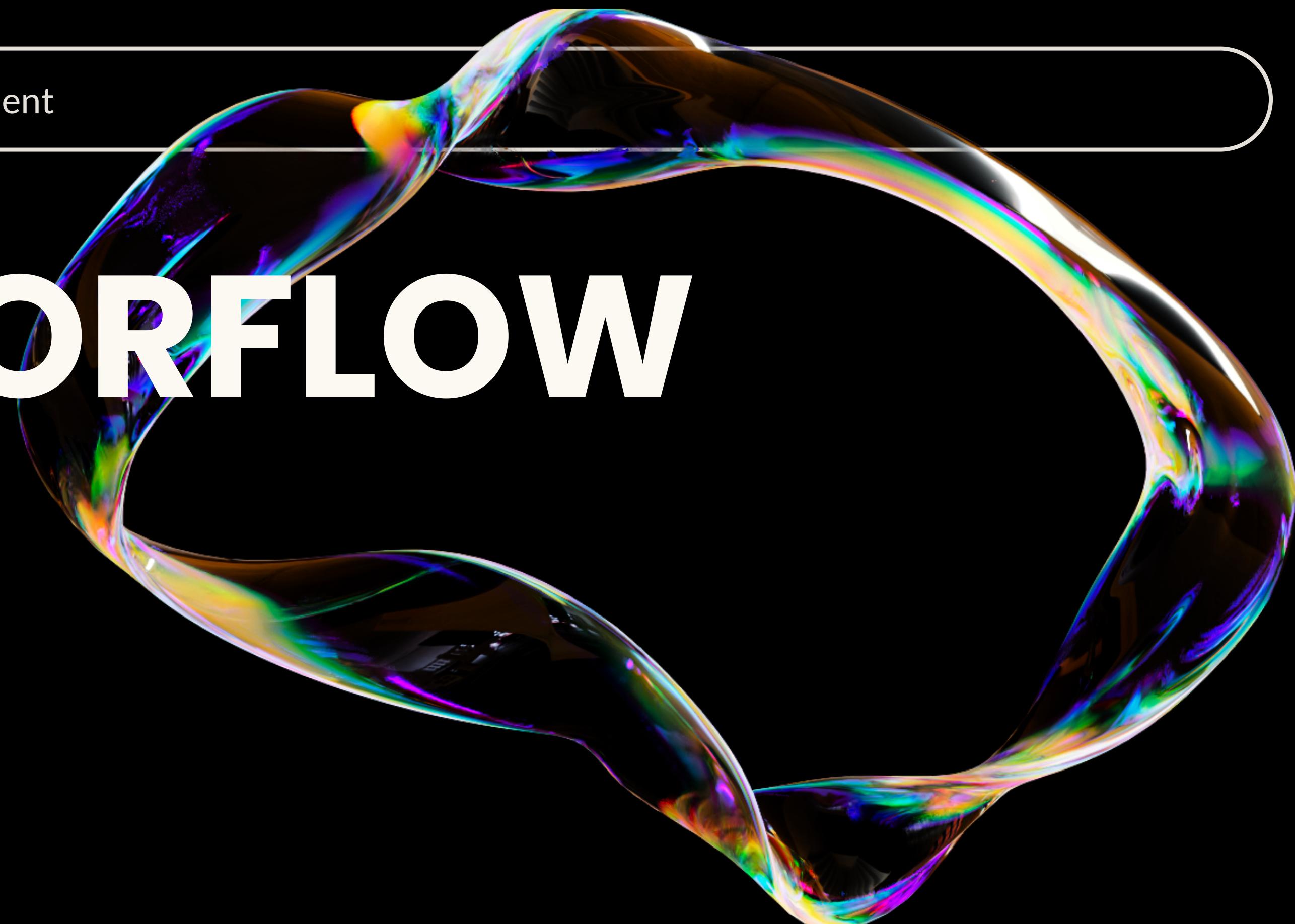




Open Source Development

TENSORFLOW

A large, abstract, flowing liquid shape, possibly oil or water, is positioned behind the title. It has a vibrant, iridescent color palette with shades of blue, green, yellow, and orange, set against a solid black background.

Antônio Martins
Felipe Catapano
Lucas Hix

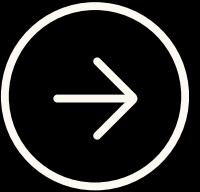


<https://www.tensorflow.org/>



<https://github.com/tensorflow/tensorflow>

TODAY'S AGENDA



- 1** What is TF?
- 2** About the project
- 3** Dev support
- 4** Project Governance
- 5** Contributions
- 6** Sources



WHAT IS TF?

The main objective of Tensorflow is to provide a platform for the creation, development and deployment of machine learning models, with the capability of running it in any environment.

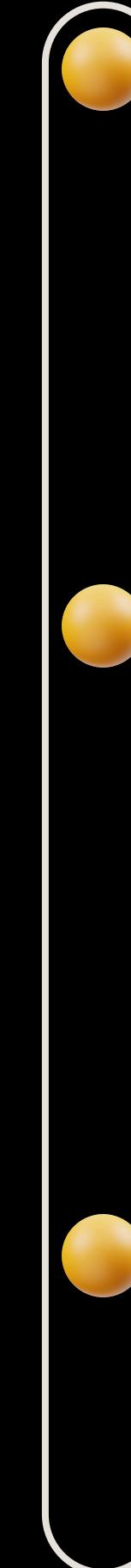
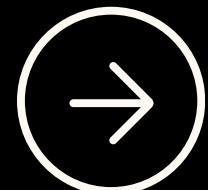
Benefits include:

- Ability to execute low-level operations across many acceleration platforms
- Automatic computation of gradients
- Production-level scalability
- Interoperable graph exportation





ABOUT THE PROJECT



Public Guidelines

1. How to Submit Issues
2. Pull Request Guidelines
3. Coding Style
4. How to Run Tests

Repository License - Apache 2.0 License

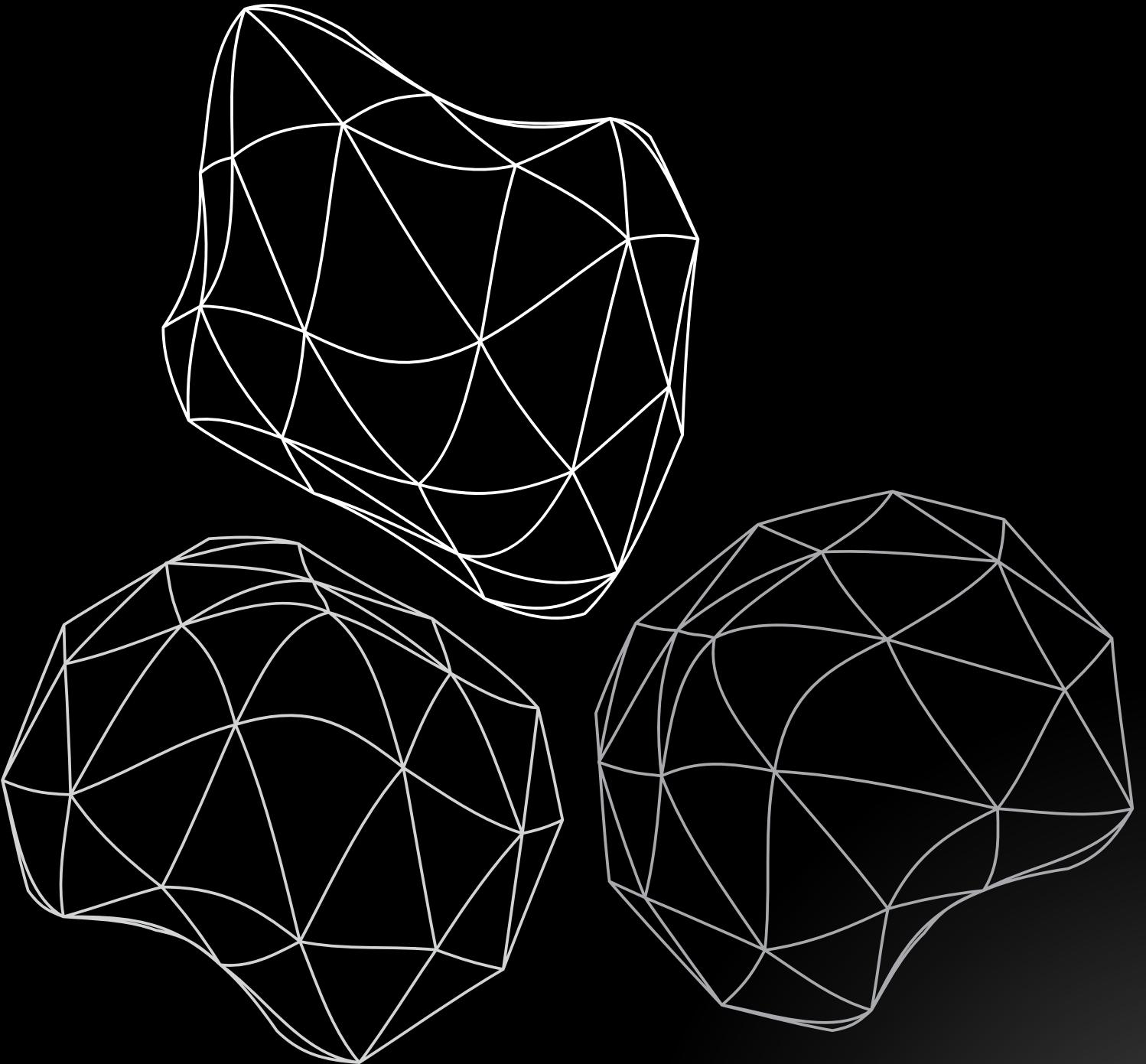
1. Permissive Licence: Users are free to use modify and distribute the code, even for commercial purposes.
2. Attribution Required
3. Patent Rights
4. No Warrenty

Technologies Used

1. C++ (Machine Learning Process)
2. Python (for Front end UI)
3. CUDA (GPU Support)

DEV SUPPORT

- tensorflow.org: Official documentation with guides, tutorials and API references
- tensorflow.org/community: Dedicated community forums
- github.com/tensorflow: Issues, code discussions and contributions from the community



PROJECT GOVERNANCE

GOOGLE OWNERSHIP

Google has developed TensorFlow, and has been using and maintaining it as one of its main Machine Learning tools.

WHY OPEN SOURCE?

More users causes more predictive effectiveness

FUND RAISING

As it is owned by Google and not a standalone company, Tensorflow doesn't need to accept donations or raising (there is no net income).

ROAD MAP

There is no public roadmap available.

CONTRIBUTIONS

**ARE EXTERNAL CONTRIBUTIONS
ACCEPTED?**

YES! ANYONE CAN BECOME A
CONTRIBUTOR

WHO MAKES THE DECISIONS?

MIHAIMARUSEAC
TENSORFLOWER GARDENER (BOT)



SOURCES

<https://github.com/tensorflower-gardener>

<https://www.tensorflow.org/>

<https://discuss.ai.google.dev/tensorflow/>

<https://www.tensorflow.org/community/contribute>

<https://www.tensorflow.org/community/groups>



THANK YOU

for your time and attention

