Contributor Usability and Accessibility Report

Project Information

URL

https://github.com/tensorflow/tensorflow

Name of the License
Apache License, Version 2.0

Link to the LICENSE
Apache License, Version 2.0
https://www.apache.org/licenses/LICENSE-2.0

Description

TensorFlow is an OSS for machine learning. It enables the development and deployment of Machine Learning powered applications. It is aimed at data scientists, developers, and educators and offers Python and C++ APIs for creating and visualizing data flow graphs. There are over 3500 contributors and 73,800 for. TensorFlow I a huge game-changer to the Machine Learning community containing approx 3.3k lines of Python and 10.1k lines of C++ coding.

Assessment

Documentation and instructions for use: The documentation was fairly easy to review and discover through links and availability on GitHub, despite the vast density of the OSS. Luckily the naming conventions, the descriptions and instructions within the README provide as much clarity as one could ask for.

Community and contributor standards and instructions: The standards are very easily found in the documents on GitHub. The current link to the code of conduct is below. It clearly defines standards, scope, responsibilities, reporting standards and enforcement. The community standards page is also easily found in the about section or at the lower link.

tensorflow/CODE_OF_CONDUCT.md at master · tensorflow/tensorflow (github.com), Community Standards (github.com)

Name of the project: The name of the project is original and makes it very easy to find, especially using snake-case for TensorFlow. The history and meaning behind the name is defined in its wiki page, stating it is named of rht e Tensor processing unit within Google.

Project authors, contributors, and any support provided: Authors and Code owners are easily found within the AUTHORS and CODEOWNERS documents in GitHub, the over 3500 contributors listing is located underneath the about section on github or at the following link: [Contributors to tensorflow/tensorflow (github.com)](#), Otherwise, the project is mainly kept and managed by the Google brain team, according. Contributors are also listed at the end of each release package.

Prominence of the license and clarity of restrictions for use/modifications/distribution: The license is clearly defined in th project with utmost visibility. The standards of use, modification and distribution are clearly defined in the page within the GitHub project labeled LICENSE.

Relationship to other projects: and relationship or assumed relationship is noted and located in the TensorFlow GitHub page labelled third_party. Otherwise I am not fully aware of any location given for such information.

Communication tools: There are not many communication tools listed. I did find multiple reddit threads and discord links of contributor groups. But it not clearly defined

Improvements made to the design/organization since the first commit: Improvement and updates are all thoroughly listed upon each release sentiment as well as the main contributors. Every release version lists major changes and bugs fixed. [Release TensorFlow 2.16.1 · tensorflow/tensorflow (github.com)](#)

Suggestions

The main suggestion I have is for the project is to incorporate a more easily accessible or create a clear communication key for contributors and potential contributors. I understand the project is a large scale project and can absolutely name and see some of both the pros and cons of creating our having a known communication form and just keeping communication between project owners and contributors via commit approval and forks.

I would keep it simple and either create a Reddit forum or utilize social media platforms.