

Title: Horovod (machine learning)

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Horovod is a free and open-source software framework for distributed deep learning training using TensorFlow , Keras , PyTorch , and Apache MXNet . Horovod is hosted under the Linux Foundation AI (LF AI). [ 3 ] Horovod has the goal of improving the speed, scale, and resource allocation when training a machine learning model. [ 4 ]

See also

Comparison of deep learning software

Differentiable programming

All-Reduce

References

External links

Official website

horovod on GitHub

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Comparison

Apache MXNet

Apache SINGA

Caffe

Deeplearning4j

DeepSpeed

Dlib

Keras

Microsoft Cognitive Toolkit

ML.NET

OpenNN

PyTorch

TensorFlow

Theano

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