

Apache MXNet Tutorial – Learn Apache MXNet

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Apache MXNet Tutorial – Learn MXNet to work on Deep Neural Networks with detailed examples and downloadable materials.

What is Apache MXNet ?

Apache MXNet is a Deep Learning framework. It helps in training and deploying deep neural networks efficiently. The library is so lightweight and it offers flexibility with its support to both imperative and symbolic programming.

MXNet is an Artificial Intelligence Engine like TensorFlow, Caffe, Torch, Theano, CNTK, Keras etc. It is an open-source and freeware from Apache Software Foundation.



Features of MXNet

Following are some of the interesting features of MXNet :

Scalability

Scalability is one of the design aspects of MXNet. It is scalable to multiple GPUs and multiple machines.

Programmability

MXNet offers simple syntax and support for multiple languages (Python, C++, Scala, Julia, Matlab, Perl and JavaScript).

Portability

MXNet can build highly efficient models for smart phones and IoT applications. And MXNet could run on Raspberry Pi.

Performance

MXNet can achieve near linear scaling of efficiency with number of GPUs (nearly across hundreds).

Model Support

It provides state of the art Model support for CNN (Convolutional Neural Networks) and LSTM (Long Short-Term Memory).

Ecosystem

There is an open and vibrant community from industry and enthusiasts.

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