

TI Deep Learning (TIDL) Library

Training Video

Sep-2017



TI Deep Learning Library

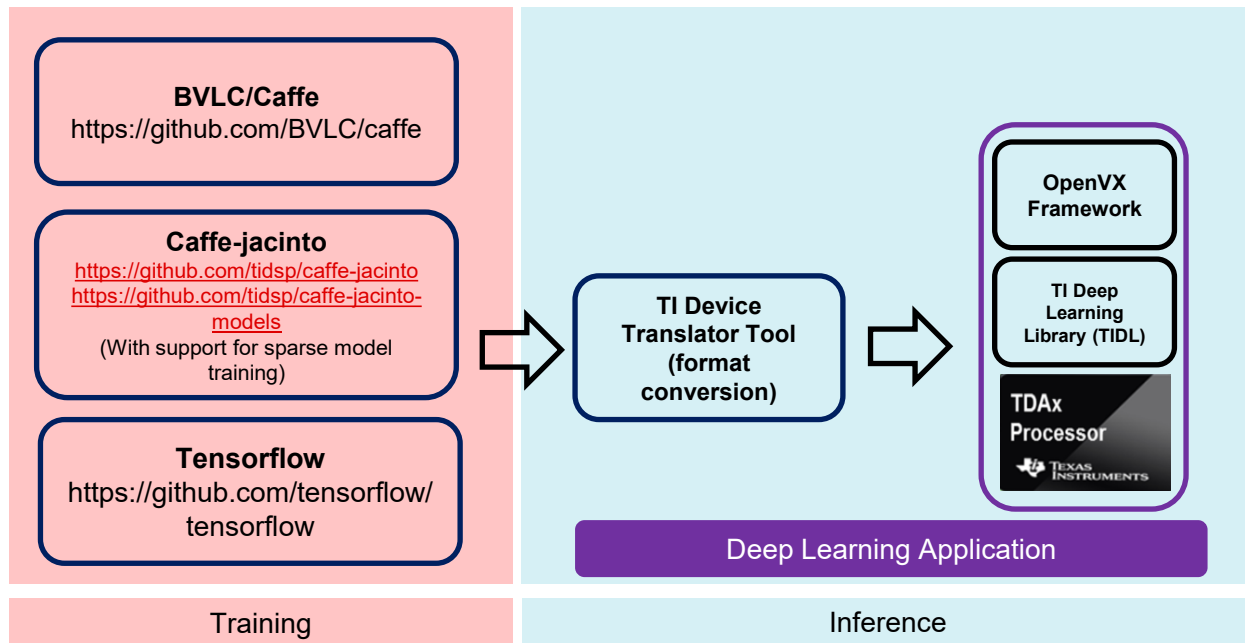
TIDL

- **TI Deep learning Library (TIDL)**

- Abstracts embedded development
- High Efficiency Implementation
- Platform Scalable

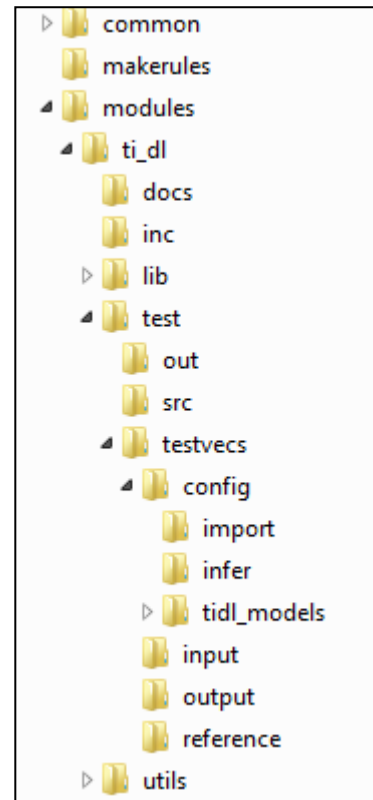
- **TI Device Translator Tool**

- Enables development on Open frameworks
- Push Button PC to Embedded porting
- High Efficiency Implementation



TIDL SW Release Package

- **Release Package Walk-through**
- **Data Sheet**
 - Feature List
 - Supported Layers
 - Validated Networks
 - Performance details
- **User Guide**
 - Installing and Building the release
 - Importing trained Models
 - Running the TIDL net/model on Device
- **Building Application using Vision SDK**

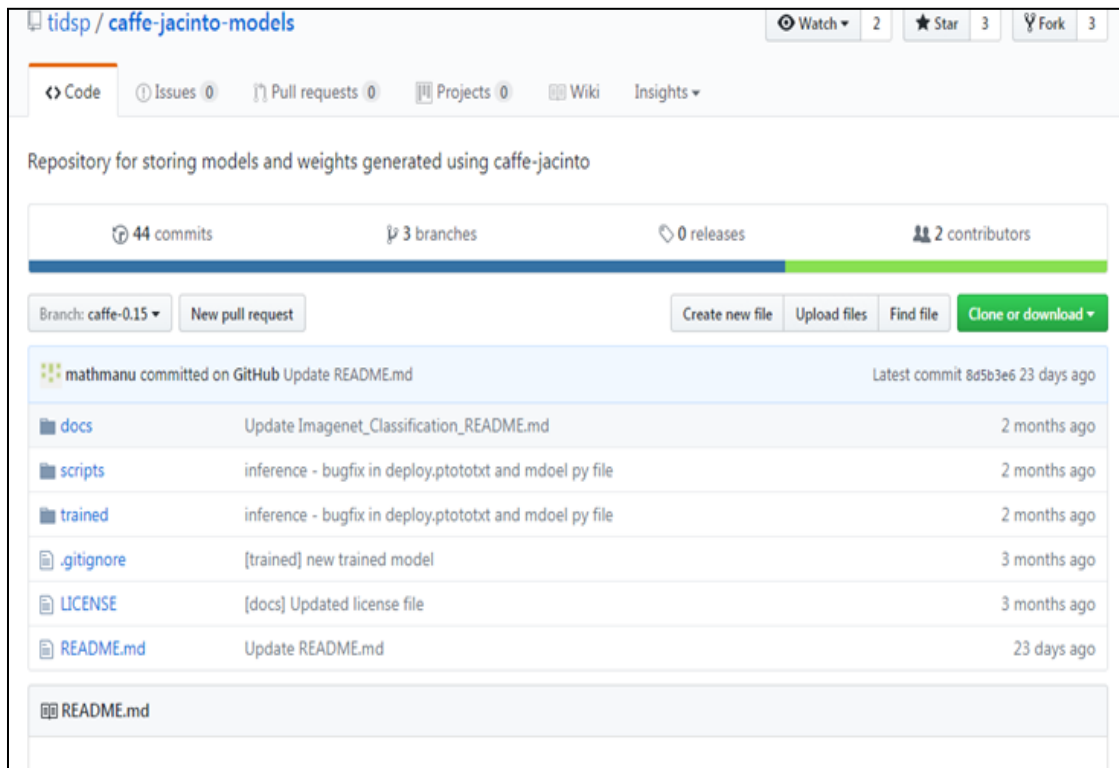


Caffe-Jacinto-Models

- Pre-trained models are available in the below gitHub repo

<https://github.com/tidsp/caffe-jacinto-models>

- These models are validated with TIDL on device.
- These models can be used as reference.
- TIDL Release package contains scripts to import these models using the pre-build device translation tool.
- The imported model can be tested on the device using TIDL test application



Repository for storing models and weights generated using caffe-jacinto

44 commits 3 branches 0 releases 2 contributors

Branch: `caffe-0.15` New pull request Create new file Upload files Find file Clone or download

File	Description	Time ago
docs	Update Imagenet_Classification_README.md	2 months ago
scripts	inference - bugfix in deploy.ptototxt and mdoel py file	2 months ago
trained	inference - bugfix in deploy.ptototxt and mdoel py file	2 months ago
.gitignore	[trained] new trained model	3 months ago
LICENSE	[docs] Updated license file	3 months ago
README.md	Update README.md	23 days ago





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Thank You!!

