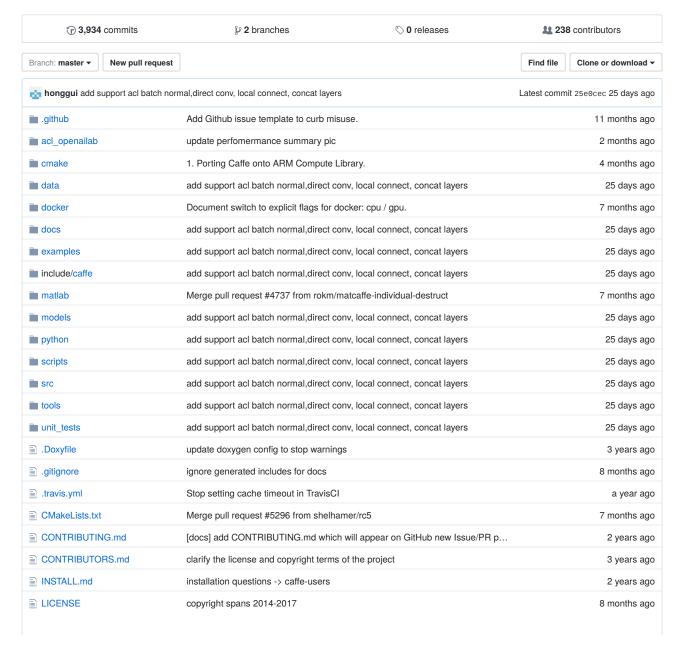
OAID / CaffeOnACL

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Using ARM Compute Library (NEON+GPU) to speed up caffe; Providing utilities to debug, profile and tune application performance

#arm #arm-compute-library #caffe #arm-neon #arm-gpu #machine-learning #artificial-intelligence #dnn #cnn



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Makefile	1. Porting Caffe onto ARM Compute Library.	4 months ago
Makefile.config.acl	1. Porting Caffe onto ARM Compute Library.	4 months ago
Makefile.config.example	Add Pascal CUDA architectures to Makefile.config.example	7 months ago
README.md	Update userguide link	2 months ago
affe.cloc	[fix] stop cloc complaint about cu type	3 years ago

■ README.md

CaffeOnACL



CaffeOnACL is a project to use ARM Compute Library (NEON+GPU) to speed up caffe and provide utilities to debug, profile and tune application performance.

Check out the documents for the details like

- release notes
- user guide

Caffe

build passing license BSD

Caffe is a deep learning framework made with expression, speed, and modularity in mind. It is developed by the Berkeley Vision and Learning Center (BVLC) and community contributors.

Check out the project site for all the details like

- DIY Deep Learning for Vision with Caffe
- Tutorial Documentation
- BVLC reference models and the community model zoo
- Installation instructions

and step-by-step examples.

gitter join chat

Please join the caffe-users group or gitter chat to ask questions and talk about methods and models. Framework development discussions and thorough bug reports are collected on Issues.

Happy brewing!

License and Citation

Caffe is released under the BSD 2-Clause license. The BVLC reference models are released for unrestricted use.

Please cite Caffe in your publications if it helps your research:

@article{jia2014caffe,
 Author = {Jia, Yangqing and Shelhamer, Evan and Donahue, Jeff and Karayev, Sergey and Long, Jonathan
and Girshick, Ross and Guadarrama, Sergio and Darrell, Trevor},
 Journal = {arXiv preprint arXiv:1408.5093},
 Title = {Caffe: Convolutional Architecture for Fast Feature Embedding},

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Year = {2014}
}
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