eIQ OpenCV Neural Network and ML Algorithm Support
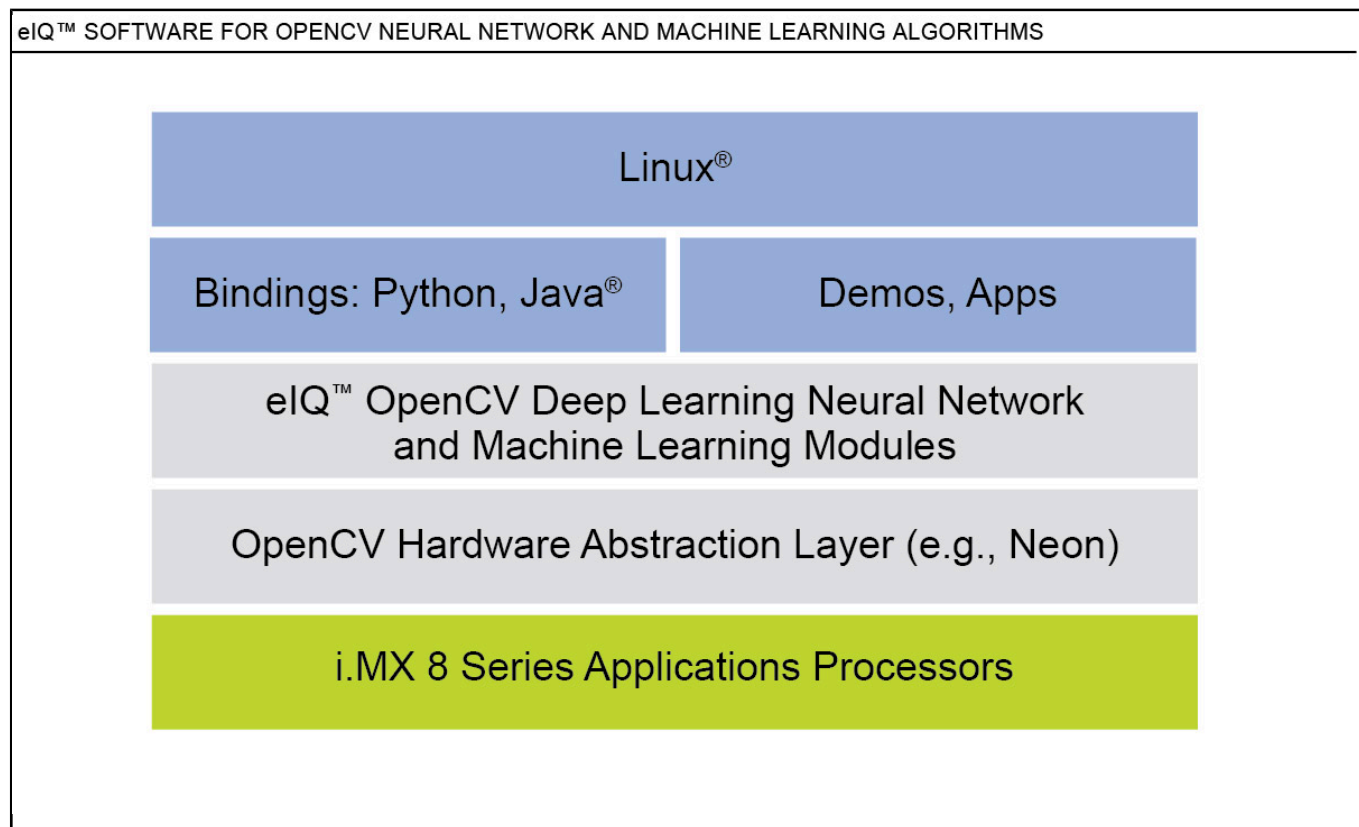
eIQOpenCV

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恩智浦的eIQ软件支持OpenCV库，一个众所周知包括编程功能，可以执行图像处理、视频编码/解码、视频分析、对象检测，以及深度神经网络(DNN)处理和经典机器学习算法(ML)的行业标准。OpenCV库的eIQ是跨平台的，可以在开源BSD许可证下免费使用。 针对OpenCV NN的eIQ将Arm Cortex-A内核作为目标，并利用Arm NEON加速来处理经过TensorFlow和Caffe训练的神经网络(NN)模型。

注意：目前可作为Beta早期版本软件使用，预计2019年底将推出一般可用性(GA)版本。

eIQ OpenCV Neural Network and ML Algorithm Support Block Diagram

eIQ™ SOFTWARE FOR OPENCV NEURAL NETWORK AND MACHINE LEARNING ALGORITHMS

Linux®

Bindings: Python, Java®

Demos, Apps

eIQ™ OpenCV Deep Learning Neural Network and Machine Learning Modules

OpenCV Hardware Abstraction Layer (e.g., Neon)

i.MX 8 Series Applications Processors

View additional information for eIQ OpenCV Neural Network and ML Algorithm Support.

Note: The information on this document is subject to change without notice.