2022 OFA Virtual Workshop

AI WITH COMPUTATIONAL STORAGE AT SCALE

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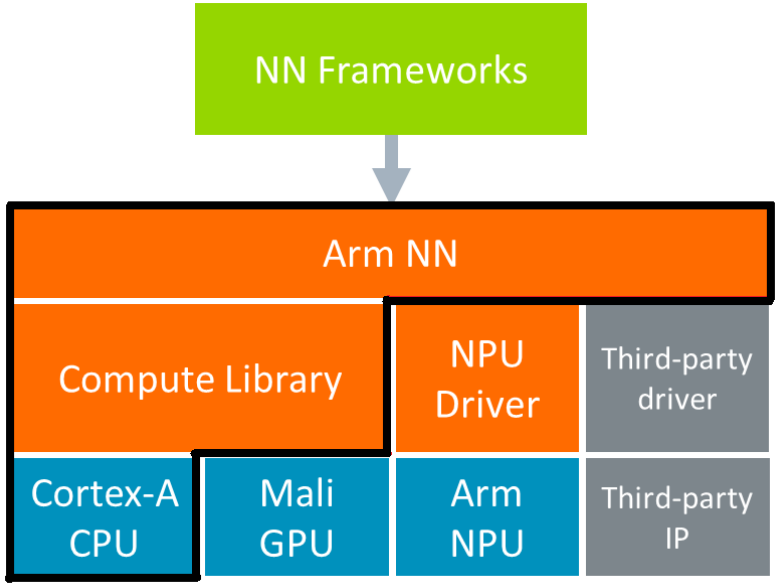
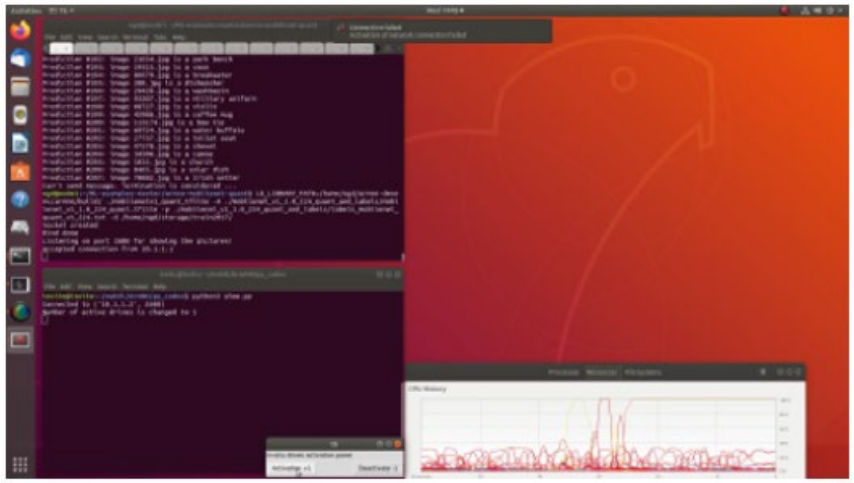
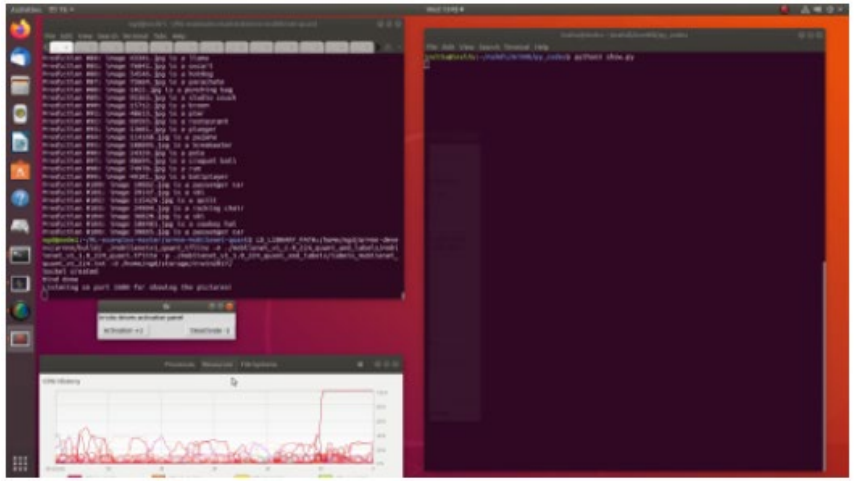
ARM NN DEMO – TWO VIEWS!



- More than **100k images per drive** are processed without sending the images to host.
- The output of application includes image numbers together with the label created by the Mobilenet model using the ArmNN library.
- **The output of the application is written directly to a MongoDB database implemented inside In-situ engine, and user can access the output data using MongoDB APIs**.

VIDEO DEMO WITH IMAGES





VIDEO DEMO WITH Accelerated response

The image dataset is acquired from: http://cocodataset.org