INTEL DEEP LEARNING TRAINING TOOL

MUSTAFA ALDEMIR, INTEL TURKEY

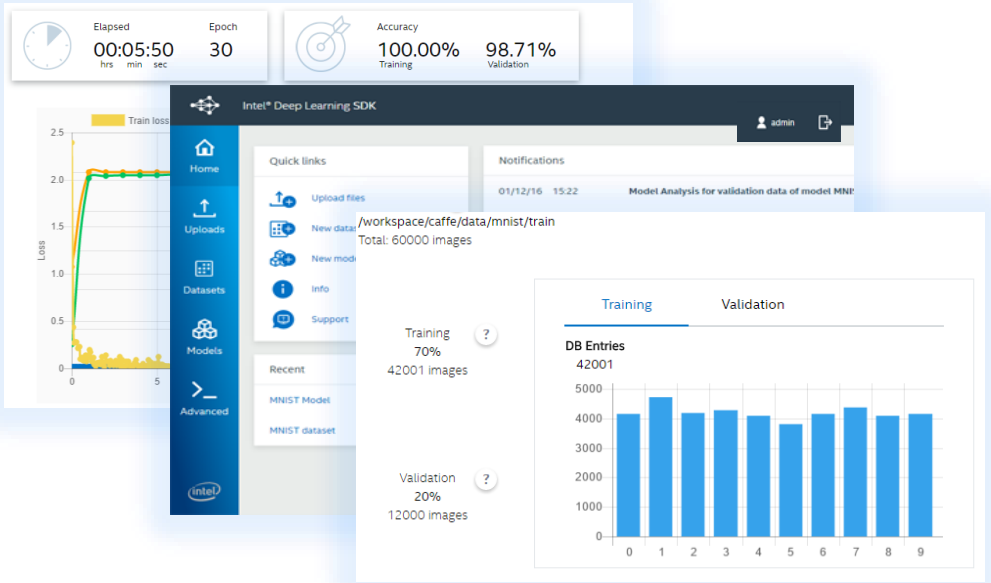
INTEL® DEEP LEARNING SDK

Accelerate Deep Learning Development

BETA Available Now

For developers looking to accelerate deep learning model design, training & deployment

- **FREE** for data scientists and software developers to develop, train & deploy deep learning
- **Simplify installation** of Intel optimized frameworks and libraries
- **Increase productivity** through simple and highly-visual interface
- **Enhance deployment** through model compression and normalization
- **Facilitate integration** with full software stack via inference engine

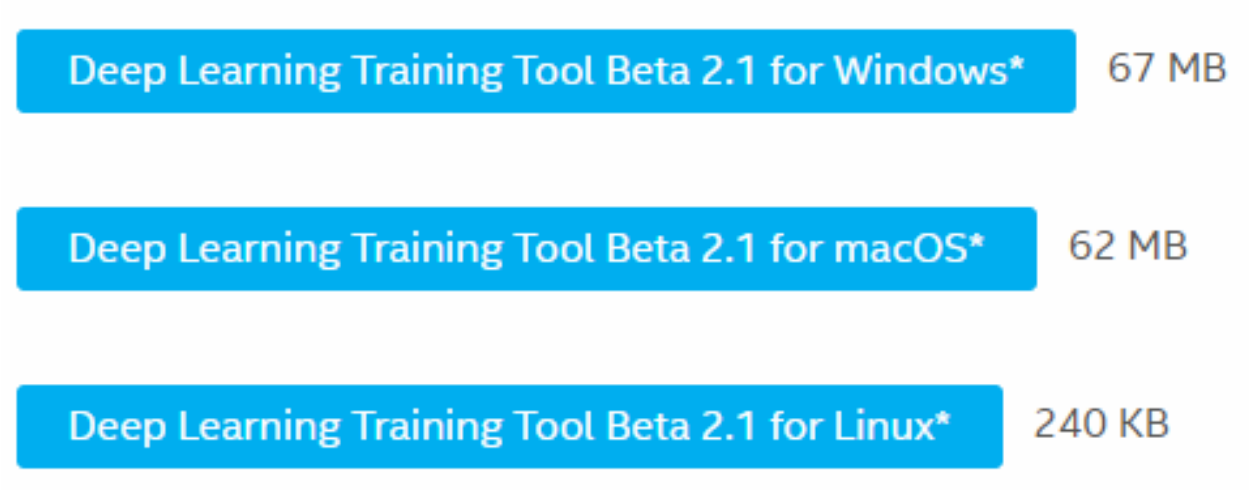


software.intel.com/deep-learning-sdk

INSTALLING INTEL DEEP LEARNING TRAINING TOOL

Download the right version https://software.intel.com/en-us/deep-learning-training-tool

Or copy from USB sticks circulated in the room. USB Sticks have some Docker images to speed up installation in the class. Normally, only the installer is enough.



INSTALLING INTEL DEEP LEARNING TRAINING TOOL

Windows users:
Min. requirements: A Windows* 8/10 computer with at least 5GB of free storage and 8GB memory. Enable Virtualization in the BIOS settings.

- **Step 1:** Install VirtualBox on your computer https://www.virtualbox.org
- **Step 2:** Get Ubuntu1604Server.ova file from Dropbox http://bit.ly/2rwU7kp or USB sticks circulated in the room.
- **Step 3:** Import this appliance into Virtualbox.
- **Step4:** Run your virtual machine (user: demo, pass: intel).
- **Step 5:** Run `ifconfig` to learn your virtual machine's IP address.

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Linux users:

(First 3 steps are only for speeding up the installation in the class. Normally, installer downloads Docker and these images from the Internet.)

- **Step 1:** Install Virtualbox following the steps in docker-install.txt.
- **Step 2:** Extract Linux-Mac.zip
- **Step 3:** Load Docker images by following the steps in docker-load.txt
- **Step 4:** Run the installer

INSTALLING INTEL DEEP LEARNING TRAINING TOOL

MacOS users:

- **Step 1:** Install VirtualBox on your computer https://www.virtualbox.org
- **Step 2:** Extract Linux-Mac.zip
- **Step 3:** Load Docker images by following the steps in docker-load.txt
- **Step 4:** Run the installer

Software

STUDENT DEVELOPER PROGRAM