Lambda Stack: a unified, always updated, AI software stack

- Laptops
- Workstations
- Servers
- Clusters
- Cloud

TensorFlow
PyTorch
Keras
Ubuntu
NVIDIA CUDA
Lambda Stack keeps AI software updated with one command

```
sudo apt-get update && sudo apt-get upgrade
```
Lambda Stack offers a managed upgrade path for all of your AI software.

When you upgrade Lambda Stack, CUDA, PyTorch, TensorFlow, and your drivers upgrade simultaneously.

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$ sudo apt-get install lambda-stack-cuda
Lambda Stack provides the same environment everywhere.
Compatible with all Docker and NGC containers

```
sudo apt-get install docker.io nvidia-container-toolkit
```
FROM ubuntu:20.04

WORKDIR /root/

# Add libcuda dummy dependency
ADD control .
RUN apt-get update && \
    DEBIAN_FRONTEND=noninteractive apt-get install --yes equivs && \
    equivs-build control && \
    dpkg -i libcuda1-dummy_10.2_all.deb && \
    rm control libcuda1-dummy_10.2_all.deb && \
    apt-get remove --yes --purge --autoremove equivs && \
    rm -rf /var/lib/apt/lists/*

# Setup Lambda repository
ADD lambda.gpg .
RUN apt-get update && \
    ...

Available at: https://github.com/lambdalambda-stack-dockerfiles
Lambda Stack supports air gapped / behind the firewall installations
1,000+ customers use Lambda Stack — F500, research labs, and startups
For more info on Lambda Stack, visit:
https://lambdalabs.com/lambda-stack-deep-learning-software