

Installing CUDA Toolkit 7.5 on Ubuntu 14.04 Linux

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To remove already installed nvidia drivers

sudo apt-get purge nvidia*

CUDA Repository

Retrieve the CUDA repository package for Ubuntu 14.04 from the CUDA download site and install it in a terminal.

\$ sudo dpkg -i cuda-repo-ubuntu1404_7.5-18_amd64.deb

\$ sudo apt-get update

CUDA Toolkit

Then you can install the CUDA Toolkit using apt-get.

\$ sudo apt-get install cuda

You should **reboot** the system afterwards and verify the driver installation with the nvidia-settings utility.

Environment Variables

open second terminal and do changes in bashrc

sudo gedit ~/.bashrc

As part of the CUDA environment, you should add the following in the .bashrc file of your home folder.

```
export CUDA_HOME=/usr/local/cuda-7.5
export LD_LIBRARY_PATH=${CUDA_HOME}/lib64
PATH=${CUDA_HOME}/bin:$PATH
export PATH
```

source ~/.bashrc

*****The End*****