CUDA version of 3d-coat requires:
1. The latest NVIDIA CUDA compatible driver
http://www.nvidia.com/Download/find.aspx
2. NVIDIA CUDA Toolkit version 3.0 or later
http://developer.nvidia.com/object/cuda_3_0_downloads.html

How to install CUDA compatible NVIDIA driver under Linux Ubuntu 9.04 32-bit
1. Ctrl+Alt+F1
2. Log in
3. >sudo /etc/init.d/gdm stop
4. >sudo sh NVIDIA-Linux-x86-256.53.run

Before the installation uninstall NVIDIA driver that has been installed from other sources than NVIDIA site. For example standard Linux Ubuntu driver which has been installed through "System>Administration>Hardware Drivers" can be uninstalled with terminal command:
>sudo apt-get remove xserver-xorg-video-nv

After the installation check the new driver with terminal command:
>nvidia-settings

How to install and configure NVIDIA CUDA Toolkit under Linux Ubuntu 9.04 32-bit
1. >sudo sh cudatoolkit_3.0_linux_32_ubuntu9.04.run
2. >sudo gedit /etc/ld.so.conf
Add to the end of the file
/usr/local/cuda/lib (or "lib64" if you have 64-bit Linux)
3. >sudo ldconfig

How to install CUDA compatible NVIDIA driver under CentOS 5.5 64-bit
1. >su root
2. >yum update
3. >yum install kernel-devel gcc-c++
4. >gedit /etc/inittab
"id:5:initdefault:" change to "id:3:initdefault:"
5. Restart and login as "root"
6. Uninstall previous NVIDIA driver that has been installed from other sources than NVIDIA site. For example driver from "rpmforge" repository can be uninstalled with terminal command:
>yum remove dkms-nvidia-X11-drv.x86_64
7. >sh NVIDIA-Linux-x86_64-256.53.run --kernel-source-path /usr/src/kernels/2.6.18-194.11.4.el5-x86_64
Make sure that the last argument is your kernel version and that such folder actually exists!
8. Restart
9. >startx
10. >su root
11. >gedit /etc/inittab
"id:3:initdefault:" restore to "id:5:initdefault:"
12. Check the driver installation with terminal command:
>nvidia-settings

How to install and configure NVIDIA CUDA Toolkit under Linux CentOS 5.5 64-bit
1. >su root
2. >sh cudatoolkit_3.0_linux_64_rhel5.3.run
3. >gedit /etc/ld.so.conf

Add to the end of the file
/usr/local/cuda/lib64
4. >/sbin/ldconfig