**Assignment no: 14**

**//Aim: Advanced Graphics tool: Maya**

**HOW TO INSTALL MAYA2012X64BIT in Ubuntu**

Step 1

Download Autodesk Maya 2012 Hotfix 4 from here.

or copy following link , paste in browser and press enter

http://usa.autodesk.com/adsk/servlet/ps/dl/item?siteID=123112&id=17478798&linkID=9242259

Step 2

We have to install required packages. Open Terminal and paste these codes:

sudo apt-get install csh tcsh libglw1-mesa libglw1-mesa-dev mesa-utils libaudiofile-dev libaudiofile0 libaudiofile0-dbg elfutils gamin libxp6 libxpm4 libxt6 libxp6 libxmu6 libxau6 libxinerama1 libxprintapputil1 libxprintutil1 xfs xfstt ttf-liberation ttf-mscorefonts-installer xfonts-100dpi xfonts-75dpi alien

Step 3

Copy the downloaded tar file (autodesk\_maya\_2012\_english\_linux\_64bit\_hf4.tgz) in /home/Username/Maya2012\_setup

Step 4

Go to terminal and type:

cd /home/username/maya2012\_setup

Step 5

tar -zxvf utodesk\_maya\_2012\_english\_linux\_64bit\_hf4.tgz

Step 6

For i in \*.rpm; do sudo alien -cv $i; done

Step 7

sudo dpkg -i adlmapps4\_4.0.35-1\_amd64.deb

sudo dpkg -i adlmflexnetserver\_4.0.35-1\_amd64.deb

sudo dpkg -i adlmflexnetclient\_4.0.35-1\_amd64.deb

sudo dpkg -i maya2012-0-64\_2012.0-327\_amd64.deb

Step 8

Create a temporary folder for Maya:

sudo mkdir /usr/tmp

sudo chmod 777 /usr/tmp

Step 9

$ sudo sh -c “echo ‘setenv LC\_ALL en\_US.UTF-8′ >> /usr/autodesk/maya2012-x64/bin/maya2012″

Step 10

$ /usr/autodesk/maya2012-x64/bin/licensechooser /usr/autodesk/maya2012-x64/ standalone unlimited

Step 11

Export a couple of variables

sudo -i

export MAYA\_LOCATION=/usr/autodesk/maya2012-x64

export LD\_LIBRARY\_PATH=/opt/Autodesk/Adlm/R4/lib64/

Step 12

Pass the serial number and the product key to Maya

/usr/autodesk/maya2012-x64/bin/adlmreg -i S 657D1 657D1 2012.0.0.F serial\_number /var/opt/Autodesk/Adlm/Maya2012/MayaConfig.pit

Step 13

Navigate to our Maya2012\_setup folder

cd /home/Username/Maya2012\_setup

Step 14

Create a file named mayaInstall.c in Maya2012\_setup. Open it with your text editor and paste this line:

int main (void) {return 0;}

Save and compile it with this command:

gcc mayainstall.c

Now you should have a file called a.out. Backup your /usr/bin/rpm with this command:

sudo mv /usr/bin/rpm /usr/bin/rpm\_backup

and replace rpm with a.out:

sudo cp a.out /usr/bin/rpm

Step 15

Type following command:

./setup

This will start setup, deselect DMM, backburner and go next

Use these serial:

serial :666-42943644

product key :657D1

Step 16

cd /usr/autodesk/maya2012-x64/lib/

ln -s /usr/lib/x86\_64-linux-gnu/libtiff.so.4.3.4 /usr/lib/libtiff.so.3

ln -s /usr/lib/x86\_64-linux-gnu/libssl.so.0.9.8 /usr/lib/libssl.so.6

Step 17

Open /usr/autodesk/maya2012-x64/bin/maya2012 with a text editor and add the command

setenv LC\_ALL C

After this line

setenv LIBQUICKTIME\_PLUGIN\_DIR "$MAYA\_LOCATION/lib"

Step 18

Go to terminal and type:

maya

Enjoy Maya and make cool effects and Animations