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Results 1 to 2 of 2

Thread: ANSYS on Linux (Ubuntu 11.10)

Thread Tools

Display

2011-11-09, 09:20

#1



Jorgen
Administrator
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Join Date: 2000-02
Location: Boston, USA
Posts: 3,328

ANSYS on Linux (Ubuntu 11.10)

ANSYS is not formally supported on the recent Ubuntu 11.10 release, but with a few tweaks you can install and run the license manager just fine on this OS.

The first problem that I noticed is that the **lmutil** application does not work:

Code:

```
cd /opt/ansys_inc/shared_files/licensing/linux64
./lmutil
```

running this command gives:

Code:

```
bash: ./lmutil: No such file or directory
```

This is odd since the binary file is right there!

It turns out that it can easily be fixed by installing the "Linux Standard Base" (LSB) package:

Code:

```
sudo apt-get install lsb
```

Now if I try to run the **lmutil** command again it works:

Code:

```
./lmutil
```

the output I get is:

Code:

```
lmutil - Copyright (c) 1989-2009 Flexera Software, Inc. All Rights Reserved.
usage:  lmutil lmborrow -status
        lmutil lmborrow -clear
...
```

The next step is to create the missing tmp directory (this step is not necessary):

Code:

```
sudo mkdir /usr/tmp
```

Finally, I can start the license server without any problem:

Code:

```
/opt/ansys_inc/shared_files/licensing/start_ansysli
```

To check that the license server work I can print the two log files:

Code:

```
cat /opt/ansys_inc/shared_files/licensing/ansysli_server.log
cat /opt/ansys_inc/shared_files/licensing/license.log
```

I have not yet attempted to get ANSYS Workbench to work on this computer, but If I get the time I will post a message with my progress.
(I still run WB on a Windows computer).

-Jorgen

Jorgen Bergstrom, Ph.D.
PolymerFEM Administrator

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2011-11-09, 13:49

#2



Jorgen Administrator
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To run ANSYS 13 in batch mode I had to run the following 2 commands:

Code:

```

sudo apt-get install libmotif4
sudo cp /usr/lib/libXm.so.4.0.3 /usr/lib/libXm.so.3

```

After that I could run a simple batch job using:

Code:

```

ansys130 -b -i jb_test_02.dat -o output

```

-Jorgen

*Jorgen Bergstrom, Ph.D.
PolymerFEM Administrator*

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