

Tecplot 360 2006

[The following are the steps for installing tec360(2006 version) in any local machine]

tips: - text in red color gives the screen shot from the installation process
- text in blue color gives the alternative if an error is encountered

- **download tecplot360**

ftp://ftp.iitb.ac.in/IITB/software/Tecplot/TECPLOT360_2006.img
<http://www.tecplot.com/downloads/>

- **mount the binary image file(.img)**

use the sudo command to perform the below mentioned commands(assuming you are in the directory containing 'TECPLOT360_2006.img')

```
# mkdir -p /mnt/disk
# mount -o loop TECPLOT360_2006.img /mnt/disk
# cd /mnt/disk
# ls -l
```

scram5@scram5-desktop:/mnt/disk\$ ls
doc install.pdf release.pdf unix windows

• Installation

1- navigate to:

```
#cd /mnt/disk/unix
```

```
-----
scram5@scram5-desktop:/mnt/disk/unix$ ls -lrt
total 487056
-rwxrwxrwx 1 root root 4988539 May 25 2006 adk
-rwxrwxrwx 1 root root 197418375 May 25 2006 common
-rwxrwxrwx 1 root root 28009947 May 25 2006 hp7xx64.11
-rwxrwxrwx 1 root root 20374 May 25 2006 licaggr
-rwxrwxrwx 1 root root 23274375 May 25 2006 ibmx64.51
-rwxrwxrwx 1 root root 20168735 May 25 2006 linux.24
-rwxrwxrwx 1 root root 23355819 May 25 2006 linux64.24
-rwxrwxrwx 1 root root 23590865 May 25 2006 linux64.26
-rwxrwxrwx 1 root root 19613749 May 25 2006 linuxg23.24
-rwxrwxrwx 1 root root 36098163 May 25 2006 linuxg23i64.24
-rwxrwxrwx 1 root root 39312340 May 25 2006 linuxi64.24
-rwxrwxrwx 1 root root 10087 May 25 2006 setuplic
-rwxrwxrwx 1 root root 392811 May 25 2006 release.pdf
-rwxrwxrwx 1 root root 1829 May 25 2006 readme.txt
-rwxrwxrwx 1 root root 843 May 25 2006 platform
-rwxrwxrwx 1 root root 22057627 May 25 2006 macx.103
-rwxrwxrwx 1 root root 32650 May 25 2006 setuptec
-rwxrwxrwx 1 root root 33032357 May 25 2006 sgix64.65
-rwxrwxrwx 1 root root 8923 May 25 2006 tecploticon.xpm
-rwxrwxrwx 1 root root 27351877 May 25 2006 sun464.57
-----
```

2- Execute the file 'setuptec' in sudo mode

```
#sudo ./setuptec
```

```
-----
#####
#####
#
#          TECPLOT 360 SETUP          #
#
#
#####
#####

*****
* Press a <Cr> to begin viewing the Tecplot Inc.      *
* software license agreement.                          *
*
*
* Once displayed, press the spacebar to go from one  *
* page to the next.                                  *
*****
-----
```

3- press enter key

4- use space to go through the agreement

5- type in 'accept'

```
-----
```

15. Entire Agreement; Interpretation.

This Agreement constitutes the entire agreement between parties pertaining to the subject matter hereof and supersedes all prior representations, warranties, conditions, agreements, and understandings, whether oral or written, express or implied, relating to this Agreement. No supplement, modification, or waiver of this Agreement shall be effective unless it is provided or approved by Tecplot, Inc. in writing. Any waiver or modification of this Agreement shall only be effective if it is in writing and signed by both parties hereto. If any part of this Agreement is found invalid or unenforceable by a Court of competent jurisdiction, the remainder shall be interpreted so as to reasonably effect the intention of the parties.

Do you accept the license agreement? If so, enter "accept":

6- Give path for installation directory

/usr/local/tec360

Enter the name (including the full path) for a new or existing Tecplot Home Directory.

:

7- Select your OS and version Note: (command to find os version #uname -r)

Platforms available in this distribution:

	Platform	CPU/Model	Operating System
	+-----+	+-----+	+-----+
1.	HP	9K/7xx	HPUX 11.0 or newer 64-bit
2.	IBM	RS6000	AIX 5.1 or newer 64-bit
3.	Apple	PowerPC	Mac OS X 10.3 (darwin 7.9)
4.	LINUX	Itanium	Linux ia64 Kernel 2.4/glibc 2.3
5.	LINUX	Intel	Linux Kernel 2.4+ / glibc 2.3
6.	LINUX	Itanium	Linux ia64 Kernel 2.4 or newer
7.	LINUX	AMD	Linux 64 Kernel 2.4 or newer
8.	LINUX	AMD	Linux 64 Kernel 2.6 or newer
9.	LINUX	Intel	Linux Kernel 2.4 or newer
10.	SGI	R10k	IRIX 6.5 or newer 64-bit
11.	SUN	Sparc	Solaris 7 or newer 64-bit

Enter the correct platform option:

8- press enter when asked for license key

9- Select the option 3 "Skip the license manager"

10- copy the bash file in the directory to the home directory(assuming you are there in the directory that contains the file '.bash_tec2006')

```
#sudo .bash_tec2006 ~/.
```

11- run the bash file from home directory

```
# . ./bash_tec2006
```

THE FOLLOWING IN BLUE FONT IS ONLY TO BE DONE IF THE PREVIOUS STEP(10and 11) IS NOT WORKING(i.e bash file missing in the installation directory)

-If the file is not found create a new bash file

vi .bash_tec2006

-Copy the following commands to it

.bash_profile

Get the aliases and functions

if [-f ~/.bashrc]; then

. ~/.bashrc

fi

User specific environment and startup programs

PATH=\$PATH:\$HOME/bin

export PATH

export TLMHOST=@tecplot.iitb.ac.in

export TEC360HOME=/usr/local/tec360

export PATH=/usr/local/tec360/bin:\$PATH

alias t06='tecplot &'

-run the application by using

tecplot &

-save the document

:wq

-run the bash file

. ./bash_tec2006

12- If an error is encountered saying

/usr/local/tecplot_2006/bin/tecplot.shared: error while loading shared libraries: libstdc++-libc6.2-2.so.3: cannot open shared object file: No such file or directory

[1]+ Exit 127 tecplot

13- run the following command(make sure internet connection can be established through terminal, behind proxy authentication-if any difficulty is encountered configure as written in the last section of this document)

This will install the missing dependencies

#sudo apt-get update

#sudo apt-get upgrade

#sudo apt-get install libstdc++5

14- Now run the bash file '.bash_tec2006' again

#. ./bash_tec2006

15- Now try running the application using

#tecplot&

16- use shortcut and see if it works

t

- **Configuring internet connection**

- navigate to /etc/apt
#cd /etc/apt

- open the text file apt.conf(if not present create one)
#sudo gedit apt.conf

- copy the following lines in to the text file and replace the user name with the respective LDAP username and password(delete the previous entries if present)

Acquire::http::proxy "http://username:password@netmon.iitb.ac.in:80/";
Acquire::https::proxy "https://username:password@netmon.iitb.ac.in:80/";
Acquire::socks::proxy "socks://username:password@netmon.iitb.ac.in:80/";
Acquire::ftp::proxy "[ftp://username:password@netmon.iitb.ac.in:80/](http://username:password@netmon.iitb.ac.in:80/)";

- save the file

Now you should be able to access the internet through terminal