**CHIMERAX**

<https://www.cgl.ucsf.edu/chimerax/download.html>

apt install ./[ucsf-chimerax\_1.6.1ubuntu20.04\_amd64.deb](https://www.cgl.ucsf.edu/chimerax/cgi-bin/secure/chimerax-get.py?file=1.6/ubuntu-20.04/ucsf-chimerax_1.6.1ubuntu20.04_amd64.deb)

**CHIMERA**

https://www.cgl.ucsf.edu/chimera/download.html

chmod +x [chimera-1.17.3-linux\_x86\_64.bin](https://www.cgl.ucsf.edu/chimera/cgi-bin/secure/chimera-get.py?file=linux_x86_64/chimera-1.17.3-linux_x86_64.bin)

**DISCOVERY STUDIO**

[**https://discover.3ds.com/discovery-studio-visualizer-download**](https://discover.3ds.com/discovery-studio-visualizer-download)

regester the mail id:--

chmod +x BIOVIA\_2021.DS2021Client.bin

./BIOVIA\_2021.DS2021Client.bin

Error : ./install\_DSClient.sh: 49: [[: not found

./install\_DSClient.sh: 70: Syntax error: redirection unexpected

./BIOVIA\_2021.DS2021Client.bin --noexec --target /opt/BIOVIA2021

cd BIOVIA2021/

vim install\_DSClient.sh

Change #!/bin/sh to #!/bin/bash

Insert shopt -s expand\_aliases above alias echoe="echo -e" and save file.

./install\_DSClient.sh

1. Download biovia\_2019.ds2019client.bin to "/home/username/Desktop"
2. chmod +x biovia\_2019.ds2019client.bin
3. ./biovia\_2019.ds2019client.bin --noexec --target /usr/local/BIOVIA\_2021/
4. ./BIOVIA\_2021.DS2021Client.bin --noexec --target /home/user/BIOVIA2021
5. /usr/local/BIOVIA\_2021
6. cd /home/username/progs/BIOVIA2021
7. /usr/local/BIOVIA2021
8. Open "install\_DSClient.sh" with text editor
9. Change #!/bin/sh to #!/bin/bash
10. Insert shopt -s expand\_aliases above alias echoe="echo -e" and save file.
11. Make executable: chmod +x install\_DSClient.sh
12. Run installer: ./install\_DSClient.sh
13. /home/user/BIOVIA2021
14. When prompted to select install location, choose 2, write "home/username/progs/BIOVIA2019", return, choose 1, return, choose 1, return. (Note: after installation, all the extracted files in path under procedure 9 will be deleted. And this specified location will contain whole package files except the License files check below steps. Besides, this location will be used for the generation of .desktop file.)
15. cd /home/username/progs/BIOVIA2019/DiscoveryStudio2019
16. cd lp\_installer
17. chmod +x lp\_setup\_linux.sh
18. ./lp\_setup\_linux.sh --noexec –target /usr/local/BIOVIA2021
19. cd /home/username/progs/BIOVIA2019/LicensePack/etc
20. apt install tcsh
21. ./lp\_config
22. Open "lp\_echvars" in a text editor
23. change #!/bin/csh -f to #!/bin/tcsh and save and close file. (Note: tcsh is used in this step, install it if your OS doesn't have)
24. ./lp\_echovars
25. cd /home/username/progs/BIOVIA2019/DiscoveryStudio2019/bin
26. ./config\_lp\_location /home/username/progs/BIOVIA2019/LicensePack/
27. cd /home/username/progs/BIOVIA2019/DiscoveryStudio/lib
28. mv libz.so bk.libz.so (Note: no worries in this step and below step, if you don't find this shared dynamic library under the path. Actually, it should not have.)
29. mv libz.so.1 bk.libz.so.1
30. cd /home/username/progs/BIOVIA2019/DiscoveryStudio2019/bin
31. Run the program: ./DiscoveryStudio2019
32. Optional: open DiscoveryStudio2019 in text editor; change ACCELRYS\_DEBUG=0 to ACCELRYS\_DEBUG=1. Then when DSV is started via the terminal, you will get a verbose readout that can be inspected for errors.

**Debug**

Follow the very last step, turn on the verbose printing by setting up ACCELRYS\_DEBUG=1. In terminal, execute /path/to/your/DiscoveryStudio/executor, if any error happens, it will be printed out in the end, following those information (most time due to the lack of libraries), do the debugging. Good luck!

apt-get install fontconfig