

## Connection to a Linux-Cluster with graphical output (X11)

<b>Goethe-HLR, Uni Frankfurt</b> clustername=goethe.hh1r-gu.de	<b>Lichtenberg, TU Darmstadt</b> clustername=lcluster<n>.hrz.tu-darmstadt.de n=1-4: Sandy Bridge,32 cores,128 GB RAM clustername=lcluster<n>.hrz.tu-darmstadt.de n=5-12: Haswell,24 cores,128 GB RAM
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Open an SSH connection to one of the login nodes:

- On Windows: Use PuTTY and X11
- On Linux and MacOS (on Mac, for graphical output you need Xquartz):

```
ssh -X -C <username>@<clustername>
```

Example, Lichtenberg-HPC-Cluster: X11 forwarding Compression (speed up)

```
ssh -X -C <username>@lcluster9.hrz.tu-darmstadt.de
```

## MobaXterm

- Please download from <http://mobaxterm.mobatek.net/download-home-edition.html>
- Choose **MobaXterm Home Edition v11.1 (Portable edition)** and install:
  - unpack the MobaXterm\_v11.1.zip
  - MobaXterm\_Personal\_11.1.exe
  - use this as your “MobaXterm” icon
- Start the new “MobaXterm” icon on your desktop
- Menu “Settings”
  - “Terminal”
  - “Default color scheme”
  - Choose “white background/black text”
- Menu “Session” (1<sup>st</sup> on the left)
  - SSH
  - Remote host: goethe.hh1r-gu.de
  - Specify username: hkh1r
- Double click goethe.hh1r-gu.de(hkh1r)
- Password, see whiteboard (save it)
- Now, you have directories and files at goethe on the left, and a shell on the right.
- Shell font size can be changed with CTRL + mouse wheel