

# CGEM

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August 11, 2017

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# 1 Chapter 1

## 1.1 Section 1

### 1.1.1 Subsection 1



# A Getting your Windows environment ready to use the HPC resources

## A.1 Iris instructions for putty and remote host

Download putty:

<https://the.earth.li/~sgtatham/putty/latest/w64/putty.exe>

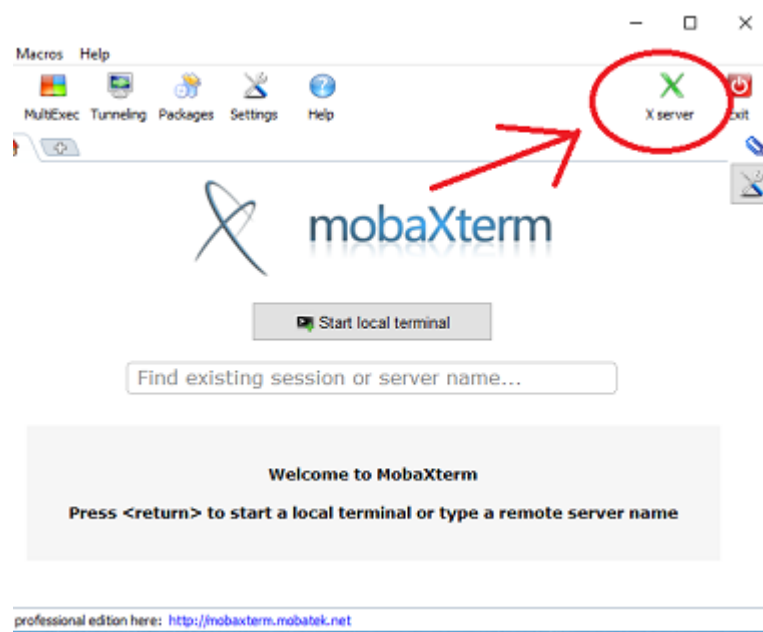
Download and unzip Mobaxterm (portable home version, no installer):

[http://download.mobatek.net/10220170312132617/MobaXterm\\_Portable\\_v10.2.zip](http://download.mobatek.net/10220170312132617/MobaXterm_Portable_v10.2.zip)

Run Mobaxterm, make sure “X server” is green:

## A. GETTING YOUR WINDOWS ENVIRONMENT READY TO USE THE HPC RESOURCES

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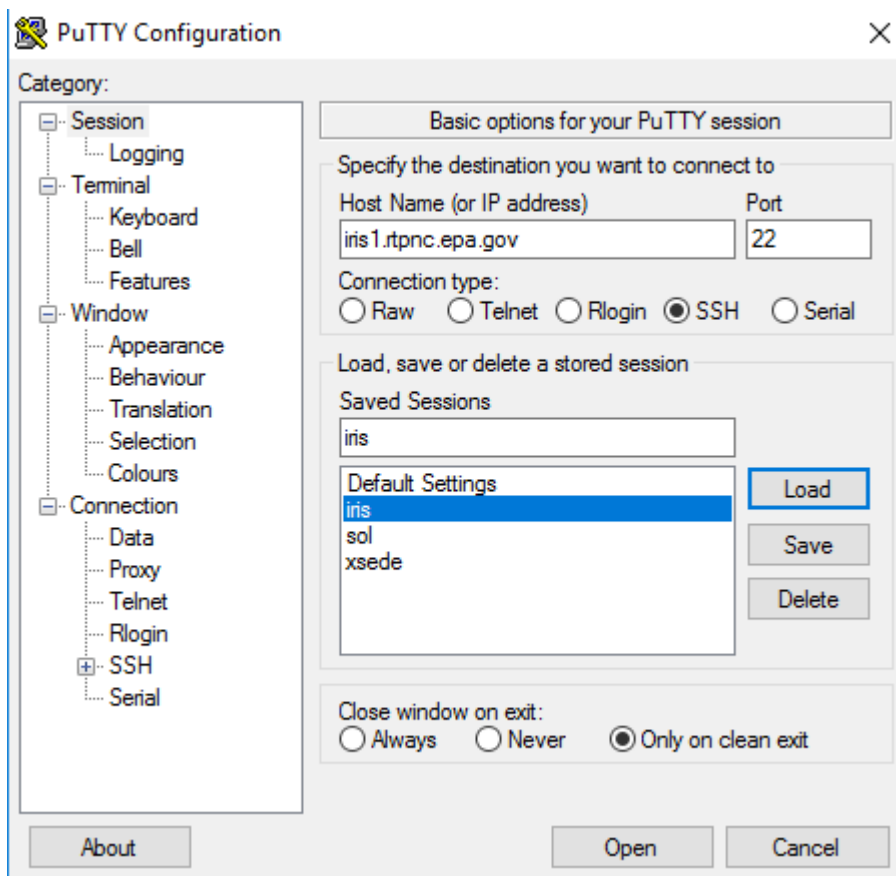


Set up putty (or atmos):

Host Name for iris: iris1.rtpnc.epa.gov

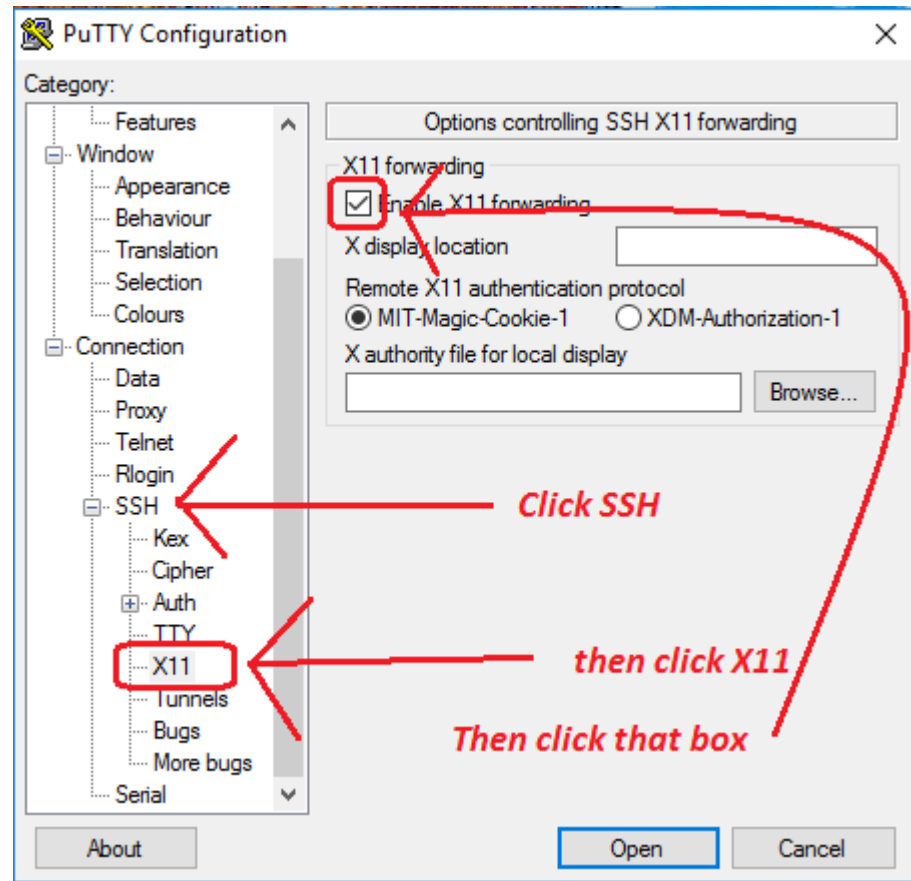
Host Name for atmos: atmost.nesc.epa.gov

Should look like this (and save your sessions once you set them up):



But before you log in by clicking “Open”, also set X-11 forwarding (and save!), Click on SSH then X11 then click the box to Enable X11 forwarding:

## A. GETTING YOUR WINDOWS ENVIRONMENT READY TO USE THE HPC RESOURCES



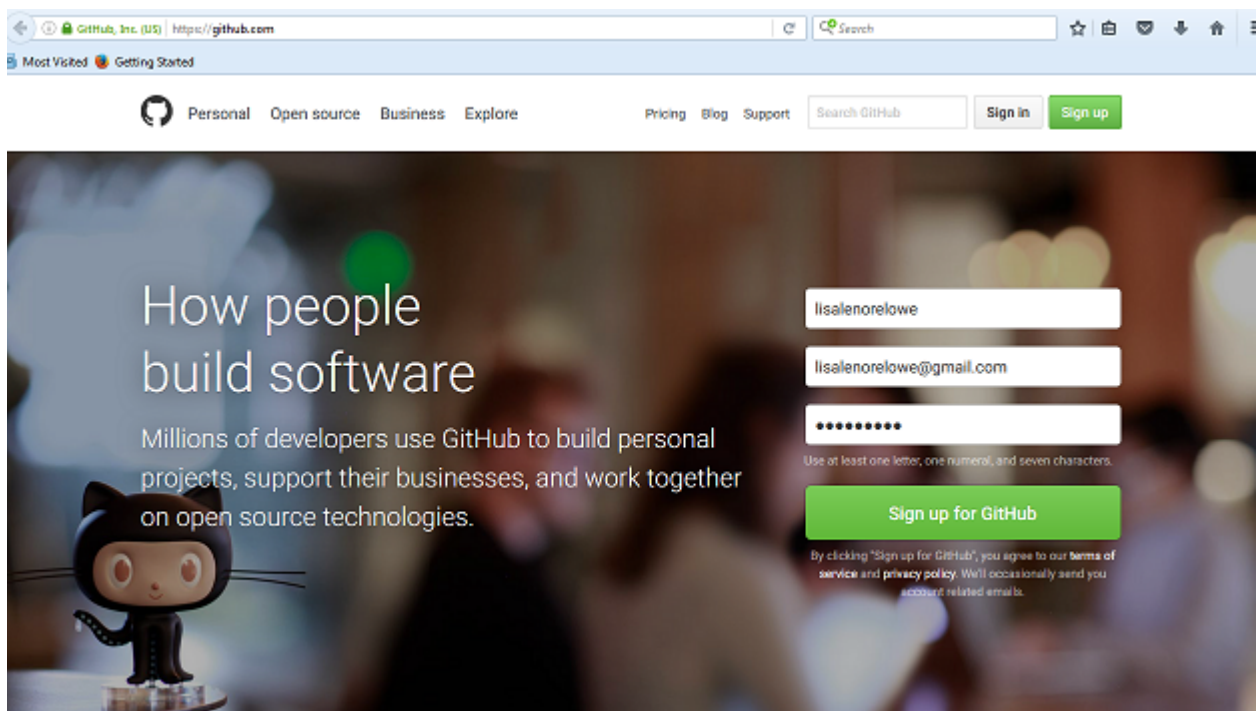
Having X11 forwarding and also MobaXterm allows iris to open a window on your computer for things like opening emacs or a pdf file from iris without scp-ing it to your local machine. But if it doesn't work or is really slow and you can't wait around, you can WinSCP the file to your local directory. Email Rob McCauley for support if you have problems with remote display on iris.



## B Using git and GitHub

### B.1 Getting a GitHub account

Go to [github.com](https://github.com)



Enter a user name, your email (use your EPA email address if you are an EPA employee), and your password.

On the next page, choose “Unlimited public repositories for free” and click the green “continue” button.

You can answer the questions on the next page, or click “skip this step”.

Check your email, you will receive an email from github saying “Please verify your email address”. Click on the link to verify.

That’s it, you do not have to complete anything else.

To sign in again later, go back to the main page and click “Sign In” at the top right of the page.

Please email Lisa Lowe,

`lowe.lisa@epa.gov`

with your github username and the associated email address, and it will be requested that you be given group permissions to the CGEM site:

`https://github.com/USEPA/CGEM`