

Creating public/private key pair on Windows

You'll need PuTTYGen on Windows to generate your keys.

https://www.puttygen.com/#Download_PuTTYgen_on_Windows

Download and install it before proceeding.

Generating your keys

Run PuTTYGen and you'll see a button that says "**Generate**". Click that to begin generating your key.

You'll need to generate entropy so it can create a truly random number. To do this move your mouse cursor inside the grey box until the progress bar fills.

Once it's done the buttons **Save public key** and **Save private key** will be enabled. Click them (one at a time) and save the keys in a location of your choice. You'll be asked if you want to use a passphrase: this is up to you. **Make sure its somewhere you'll remember because you won't be able to create or connect to your server without them.**

Sending your keys securely

If you aren't bringing your computer to class, you'll need to have your keys in on the class computers. To transmit them securely you should send the files using Firefox send: <https://send.firefox.com/>.