

## Connecting to turing.une.edu.au

Our main student development server is turing.une.edu.au - running Fedora Linux. turing (not "turning") is named after the famous computer scientist Alan Turing

- [http://www.bbc.co.uk/history/people/alan\\_turing](http://www.bbc.co.uk/history/people/alan_turing)
- [http://en.wikipedia.org/wiki/Alan\\_Turing](http://en.wikipedia.org/wiki/Alan_Turing)
- <http://www.turing.org.uk/>

To use turing, you need your UNE username and password. Your UNE username is the first part of your email address. For example, if your email address is **jdoe@myune.edu.au** then your username is **jdoe**

There are several ways to connect to turing.une.edu.au

- A full graphical remote desktop with X2Go client
- A simple text only terminal with putty (Windows) or ssh (Mac/Linux)
- A program that uses SFTP to transfer files to/from turing (Examples: WinSCP, FileZilla, sftp)

### X2Go Client

X2Go Client is the most common way to connect. It will provide you with a remote desktop on turing and give you access to UNE Computer Science computing resources as if you were in a computer lab at UNE. The steps to install X2Go are:

- Download and install X2Go client (Mac users are also required to install xQuartz)  
You can get X2Go client for Windows and Mac from the [X2Go website](#). Linux users will be able to install X2Go client with their package manager.
- Start X2Go and create a new session
  - Host is **turing.une.edu.au**
  - Login is your UNE username (email address without @myune.edu.au)
  - Session type must be **XFCE** (select from the drop down menu)
- Start the session and enter your UNE password

Here are some PDF documents with screenshots about installing X2Go client:

- [x2go \(Windows\) set-up instructions for connecting to turing.une.edu.au](#)
- [x2go \(Mac\) set-up instructions for connecting to turing.une.edu.au](#)

### SSH and Putty

X2Go gives you a full desktop. Sometimes all you need is a simple non-graphical terminal. You can do this with the ssh program (or putty on windows). ssh can be started from a terminal on Linux or a Mac and should be installed by default. Start a terminal (Linux/Mac) and at the prompt type:

```
ssh username@turing.une.edu.au
```

Where username is your UNE username (email address without @myune.edu.au)

Windows users should install [putty](https://www.putty.org) from <https://www.putty.org>

Note ssh and putty are a good way to debug your connection to turing. If ssh/putty does not work, X2Go will not work. X2Go uses the same protocol as ssh/putty

### SFTP

X2go and ssh/putty are for working interactively on the remote system turing. But what if you want to transfer files to/from your computer and turing? You can do this with any program that implements the SFTP protocol. (Google SFTP client). Popular choices are [FileZilla](#) and [WinSCP](#). Also the command line sftp on linux.