

16a Introduction to UNIX also Linux Desktop

WARWICK

What is UNIX?

UNIX is an operating system that runs on a number of Warwick servers and can be used for performing many functions. In particular UNIX is necessary for storing files if you wish to create a website at Warwick.

What else can UNIX be used for?

The webpage below lists some software packages available through UNIX.
<https://warwick.ac.uk/services/its/servicessupport/software/UNIX>

How do I log into UNIX on Windows computers?

The UNIX service is **multiuserunix.warwick.ac.uk** – the services can be accessed remotely using any SSH client program (e.g. **PuTTY**).

An SSH client program establishes a secure channel to the UNIX service. PuTTY should be available via Start > All Programs on Windows 7 workstations and on Windows 10 workstations via the Start Menu.

Log in with your IT Services username and password. If you previously stored files on Daisy, log into **multiuserunix** and your files will be there.

What is my file quota on UNIX and how do I check it?

Your UNIX account on Multiuserunix has a quota of 1gb.

If you feel you need more space, please request this from the ITS Help Desk on 024 765 73737.

If you exceed your quota you may not be able to log in next time so make sure you delete unnecessary files to remain below quota.

To check your UNIX quota, login to multiuserunix.warwick.ac.uk and type **quota -v** at the prompt. This lists current usage and current quota in KB.

What happens if I go over my quota limit on UNIX?

It is a good idea to check your quota regularly to avoid not being able to log in.

If you find you can't log in then you have probably exceeded your disk quota and you will need to ring the ITS Help Desk on 024 765 73737 (or x 73737) for support.

How do I remove files from my UNIX home directory?

This should only be done if you know which files you wish to remove and understand the consequences. You should **never** remove **.files** e.g. **.cshrc**, **.bashrc**, **.login** as these are required to have a usable shell environment on multiuserunix.

Some useful UNIX commands are:

du	This displays the amount of space used by each folder so that you can see which has the most data in it.
ls	Lists all files in a folder.
ls -lags	Lists all files in long format.
 more	Breaks long lists into sections. Scroll down using enter .
cd <directory name>	Change directory.
cd ~	Takes you back to home directory level.
rm <filename>	Removes a file.
mkdir <dir. name>	Create a new directory
rmdir <dir. name>	Delete a directory

Please note that all commands and filenames in UNIX are case-sensitive – Mkdir is not the same as mkdir and will not work.

Managed Linux Desktop (Maths & Stats Work Area room A0.01)

In the Maths Building Room A0.01 is a work area of Suse Linux desktops – log into the computers using your IT Services username and password.

<https://warwick.ac.uk/services/its/servicessupport/computers/linuxworkstationguide> gives information on the Linux desktop.



16a Introduction to UNIX also Linux Desktop

WARWICK

What is UNIX?

UNIX is an operating system that runs on a number of Warwick servers and can be used for performing many functions. In particular UNIX is necessary for storing files if you wish to create a website at Warwick.

What else can UNIX be used for?

The webpage below lists some software packages available through UNIX.
<https://warwick.ac.uk/services/its/servicessupport/software/UNIX>

How do I log into UNIX on Windows computers?

The UNIX service is **multiuserunix.warwick.ac.uk** – the services can be accessed remotely using any SSH client program (e.g. PuTTY).

An SSH client program establishes a secure channel to the UNIX service. PuTTY should be available via Start > All Programs on Windows 7 workstations and on Windows 10 workstations via the Start Menu.

Log in with your IT Services username and password. If you previously stored files on Daisy, log into **multiuserunix** and your files will be there.

What is my file quota on UNIX and how do I check it?

Your UNIX account on Multiuserunix has a quota of 1gb.

If you feel you need more space, please request this from the ITS Help Desk on 024 765 73737.

If you exceed your quota you may not be able to log in next time so make sure you delete unnecessary files to remain below quota.

To check your UNIX quota, login to multiuserunix.warwick.ac.uk and type **quota -v** at the prompt. This lists current usage and current quota in KB.

What happens if I go over my quota limit on UNIX?

It is a good idea to check your quota regularly to avoid not being able to log in.

If you find you can't log in then you have probably exceeded your disk quota and you will need to ring the ITS Help Desk on 024 765 73737 (or x 73737) for support.

How do I remove files from my UNIX home directory?

This should only be done if you know which files you wish to remove and understand the consequences. You should **never** remove **.files** e.g. .cshrc, .bashrc, .login as these are required to have a usable shell environment on multiuserunix.

Some useful UNIX commands are:

du	This displays the amount of space used by each folder so that you can see which has the most data in it.
ls	Lists all files in a folder.
ls -lags	Lists all files in long format.
 more	Breaks long lists into sections. Scroll down using enter .
cd <directory name>	Change directory.
cd ~	Takes you back to home directory level.
rm <filename>	Removes a file.
mkdir <dir. name>	Create a new directory
rmdir <dir. name>	Delete a directory

Please note that all commands and filenames in UNIX are case-sensitive – Mkdir is not the same as mkdir and will not work.

Managed Linux Desktop (Maths & Stats Work Area room A0.01)

In the Maths Building Room A0.01 is a work area of Suse Linux desktops – log into the computers using your IT Services username and password.

<https://warwick.ac.uk/services/its/servicessupport/computers/linuxworkstationguide> gives information on the Linux desktop.

