MECH0107 – Data-Driven Methods for Engineers

Connection Guide for Winion

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You can connect to Winion via the departmental workstations in room 410 and the infamous "Dungeon". However, you can also connect to it from your personal laptop/desktop (either Windows or Mac). The department has two servers, one Windows-based (called Winion) and one Linux-based (called Minion). Both servers have almost all departmental software packages installed, so you can use other packages there too.

This guide is for using Winion; experience has shown that the GUI is faster there. There is another guide for Minion, but to avoid confusion we do not present it here. If you need it, email Dr Morse.

Connecting to Winion

1. Connect to either the UCL VPN or to the UCL Wi-Fi

2. Go to:
   http://daisy.meng.ucl.ac.uk/StaffIntranet/ITandComms/ComputerSystems/GuidanceDocuments/1089-MENG.html

3. There are 3 nodes (Win-0, 1, 2). Use node 0 or 1. Click on it to see the software installed. **If you have difficulty following the steps below, then you may need to come back to this step and try a different node**.

4. Download the following .rdp files:
   - File Explorer (needed for Coursework 2 in MECH0107)
   - Abaqus/CAE 2018 (not needed for Coursework 2 in MECH0107, but useful if you want to have a look at the provided FEA model for your own interest)

   These .rdp files should be straightforward to open on Windows systems. **Mac systems will need an app called "*Microsoft Remote Desktop*"**.

5. Double click on the .rdp file for File Explorer
   - **Username**: mecheng2012\MechengUsername
   - **Password**: MechengPassword

   If you cannot log in check that: 1) you have used back slash (\) instead of forward slash (/) in the username above; 2) you have used your Mech Eng, not UCL, password and username. These are the same credentials you would use to connect to dept computers in 410.

6. Navigate to your temporary directory (d:\Temp\YourUserName). This is a temporary directory and you **should not** store your files here, because they are at high risk of being lost. The nodes are reset periodically, and you will lose all your data when this happens. **Loss of this data is not a valid reason for Extenuating Circumstances.** Make it a habit to transfer all your files from here to another secure drive, such as your N drive or your personal computer, as shown below.

Transferring Files

1. Open the File Explorer .rdp file
2. Login with method described above
3. Find the d:\Temp\YourUserName directory. You can copy/paste items from here to a directory in your system **(drag and drop doesn't seem to work)**
4. You can also mount your N:\ drive and transfer files there. See guide here.

How to get help

1. Post your question in the Q&A forum on Moodle (and answer other students' questions if you know the answer)
2. Ask questions in the consultation sessions during lab week.
3. Use the Mechanical Engineering Software Support Moodle Page