- Windows OS (mainly because I expect everyone to have access to it. If you are using MacOS or Linux, then you need to use blender instead of Dynamo.)
- Github (git) &Github Desktop
- Atom or MS Visual Studio (editor)
- Dynamo Core 2.8 & Topologic.app (https://github.com/DynamoDS/Dynamo/releases/tag/v2.8.0 & https://topologic.app/software/ §NB Topologic is not really needed for the smart contract parts, but it can help you understand context)
- Python3 & Web3.py [have a working version of python3, we will install web3.py through Anaconda]
- Anaconda https://www.anaconda.com/products/individual
- remix.etherum.org (no need to download)

Anaconda and Web3.py setup. You can do this now to prepare, or live tomorrow during the workshop.

1. Make sure you are running the latest Dynamo Sandbox (It should have CPython not IronPython). I have Dynamo Sandbox 2.8

2. Create a new definition and a new python script and type the following into it to find the version of python that Dynamo is using. Hover over the output of the python node to check the output.

import sys
OUT = sys.version #
This should be something like 3.8.3. We will assume 3.8.3 Match that to the python version below

3. Download and install Anaconda https://www.anaconda.com/products/individual

4. Run the CMD.exe prompt from the navigator

5. Create a new environment in anaconda. The three number (e.g. 383) should match the Dynamo python version above

conda create --name Dynamo383 python=3.8.3
6. Activate the environment

conda activate Dynamo383
7. Install web3.py:

pip install web3
8. Make a note of where anaconda saves the environments. In my case it is C:\Users\calys\anaconda3\envs\dynamo383\lib\site-packages