

Install Octave and oct2py

Octave for Windows 10

1. Download octave.
2. Install octave, and write down the installation destination path.
`C:\Program Files\octave-7.3.0-w64`
3. From the installation destination path, find the **octave client path**, that is the path to `octave-cli.exe` under `mingw64\bin\` folder. Copy the path.
`C:\Program Files\octave-7.3.0-w64\mingw64\bin\octave-cli.exe`
4. Open Environment Variable. You can access it by pressing Windows-Key, type `edit the system environment variables`, and press Enter to search.
5. Click **Environment Variables**.
6. Under **System variables**, click **New....**
7. Fill the **Variable name** with `OCTAVE_EXECUTABLE`, and **Variable value** with the **octave client path**.
Variable name: `OCTAVE_EXECUTABLE`
Variable value: `C:\Program Files\octave-7.3.0-w64\mingw64\bin\octave-cli.exe`
8. Restart (not shutdown, but restart) the computer to make `os.environ` recognize the new path.

oct2py

1. Install `oct2py` from python PyPI using a command prompt.
`pip install oct2py`
2. Check `octave` and `oct2py` installation by running the below python code.

```
from oct2py import octave

octave.path()
```