Agent-based Framework

Met4FoF

Liam Wright

**Installation**

* Installation is given in detail [here](https://github.com/bangxiangyong/agentMET4FOF), where the requirements for running the software are laid out. Python 3.6 (or later) is needed and I built the environment through anaconda.
* Easiest IDE used here to run the agent framework found to be PyCharm. This allows the user to build the environment within the
* IDE itself and run scripts within the ‘project’ (project is the termed used to define the working directories).
  + Open PyCharm, File->open, select agentMET4FOF directory
  + Should open with working directory and allow the user to run scripts etc. in the environment

**Using**

* We’ve only run this framework for simple processes
  + Understand that it can do a lot more than we’ve tried/needed
* Running software is fine (ensuring you run the correct script in PyCharm)
  + When running scripts, prompt pops up
    - Must select local URL when it is shown
    - If you forget you have to do a bit of scrolling up!
* GUI sometimes fails to show graphics properly
  + Plots are squished or lost
  + Requires a close and rerun

**Comments**

* We have only used this framework for simple runs of synthetic sine data with added noise
* As non-python users it took us some time to get the framework running
  + PyCharm etc
* GUI issues can be frustrating but that could be on our end rather than the software