**Online Server:**

* 1. Conda activate env\_mlflow\_custom
  2. mkdir mlflow\_custom\_multilib
  3. cd mlflow\_custom\_multilib

**mlflow\_custom\_multilib: Folder**

* 1. Requirements.txt
  2. mlflow\_custom.py
  3. move\_setup\_and\_wheels.py
  4. pip install -r requirements.txt
  5. python mlflow\_custom.py

*Output: tar file*

**Offline Server:-**

* 1. **conda activate env\_for\_mlflow\_custom**
  2. **mkdir mlflow\_custom\_multilib\_offline**
  3. **cd mlflow\_custom\_multilib\_offline**
  4. **cd mlflow\_custom**
  5. **mlflow\_custom:** copy from online server
     1. mlflow\_custom\_package.tar.gz
     2. Requirements.txt
     3. move\_setup\_and\_wheels.py
  6. pip install -r requirements.txt
  7. tar xzf mlflow\_custom\_package.tar.gz
  8. python move\_setup\_and\_wheels.py
  9. cd ..
  10. pip install --no-index --find-links=/d/mlflow\_1/mlflow\_custom\_multilib\_offline/wheels -r requirements.txt
  11. pip install e .

Note:

* 1. pip install e . Must be done one level outside mlflow\_custom folder( hence move\_setup\_and\_wheels.py(step 8) & 9)
  2. Requirements.txt must contain mlflow, and implicit or other mlflow non-native python libraries.
  3. Import mlflow.pyfunc, import mlflow\_custom.implicit, import mlflow\_custom.mlxtend.frequent\_patterns (to import)
  4. Mlflow\_custom.py - creates proxy for mlflow/implicit and its sub modules: init.py files

Implicit: init.py

Implicit/submod1/init.py

Implicit/submod2/init.py and so on till n submodules.

Each containing from submod1 import \*