The service of DiCOS Apps

ASGC

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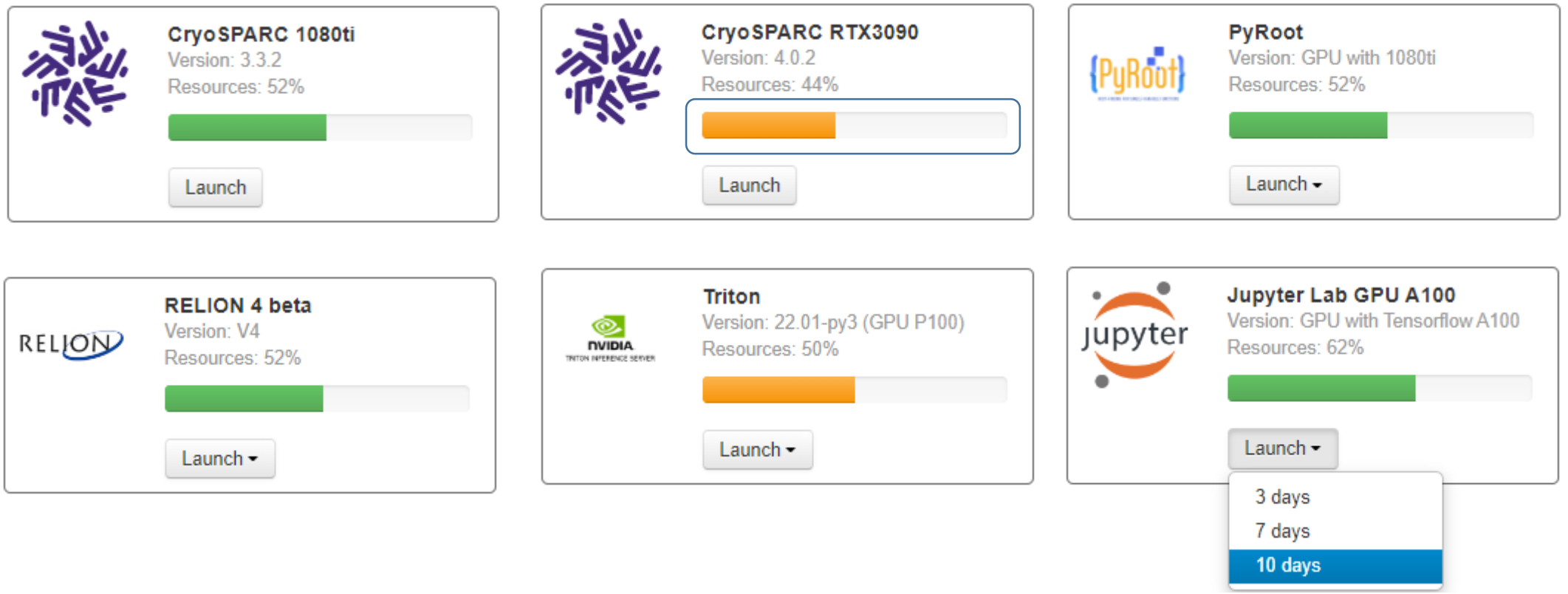
The Category of DiCOS app

- DiCOS Apps:
  1. Bio-Apps:
     cryoSPARC version, 2, 3, 4 (1080 ti, p100, rtx 3090) .
     Relion version, 3, 3.1, 4-beta (1080 ti)
     AlphaFold (v100, A100) and RoseTTAFold. (1080 ti)
     Dynamo, IMOD, EMAN2, cisTEM, Jupyter CryoCare.. Etc.
  2. Phys-Apps
     Deepmd-kit, MAML, PyRoot, Paraview, Ovito, Qiskit.
  3. Machine-learning-Apps:
     Jupyter-Lab (PyTorch, Tensorflow) (cpu, 1080ti, v100, A100, rtx3090), Triton

https://dicos.grid.sinica.edu.tw/dockerapps/



The path of Disk Space

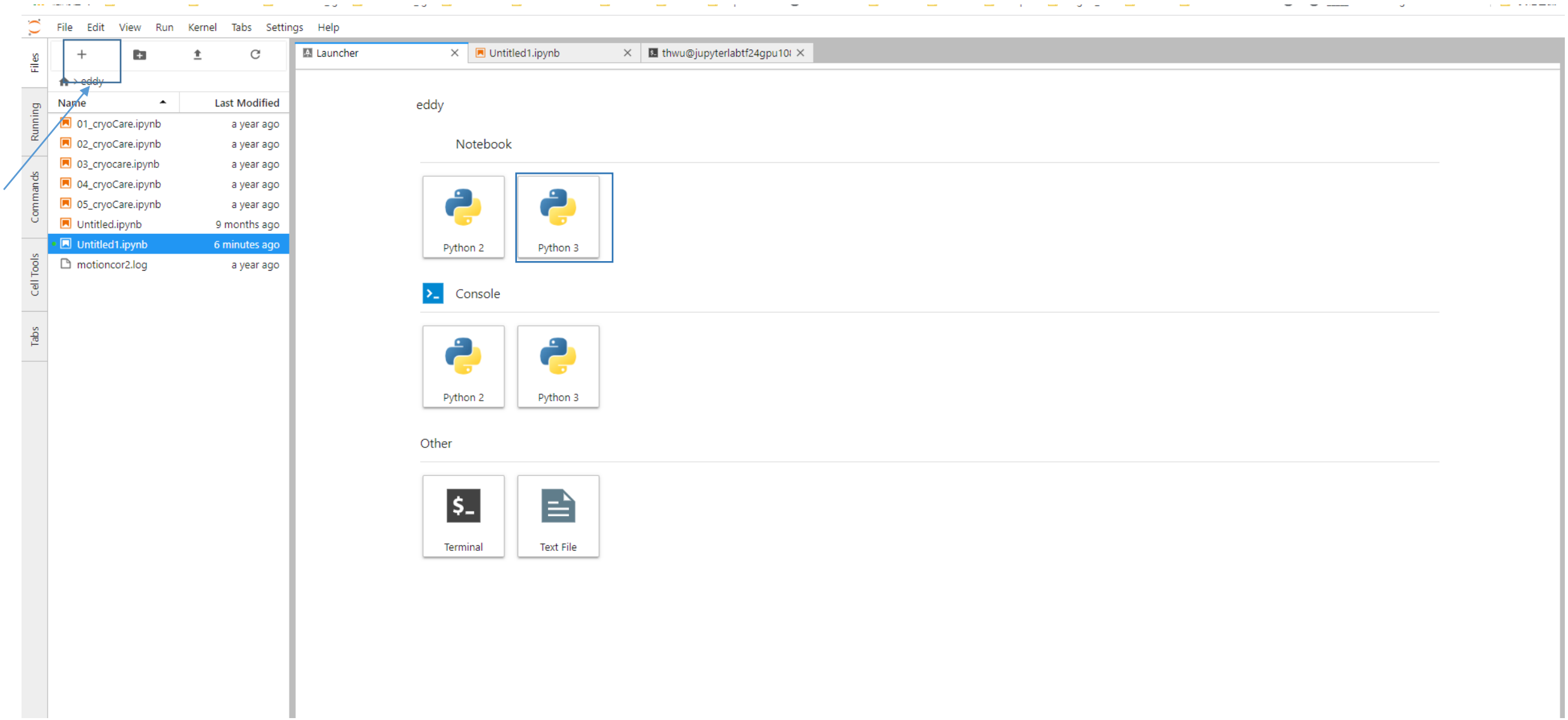
- All user:

  /dicos_ui_home/{user} (UI) (100 GB only)
- cryoEM group:

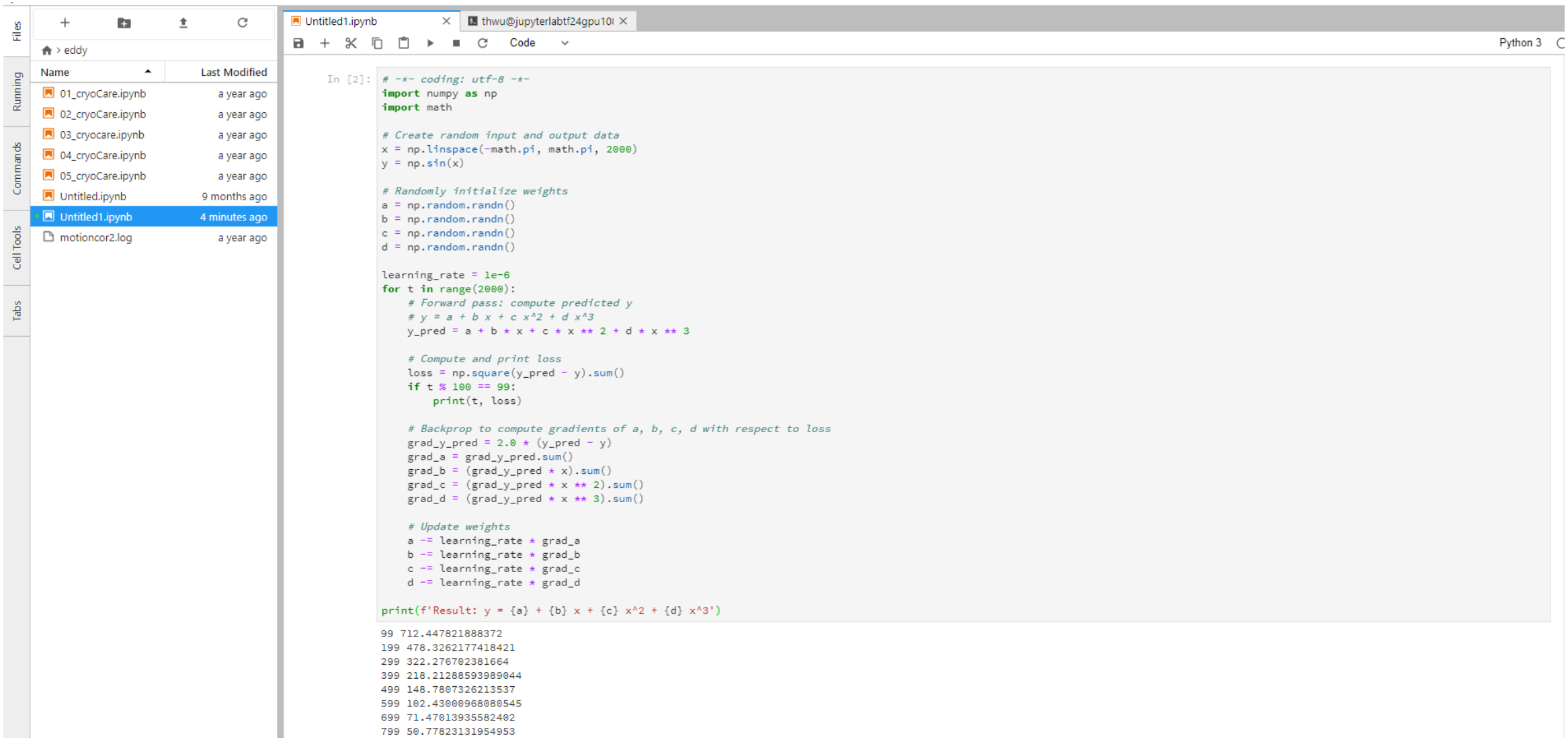
  /activeEM/data/{group}/{user} (15 TB)
- NSTCCore group:

  /ceph/work/{group}/{user} (3 TB)

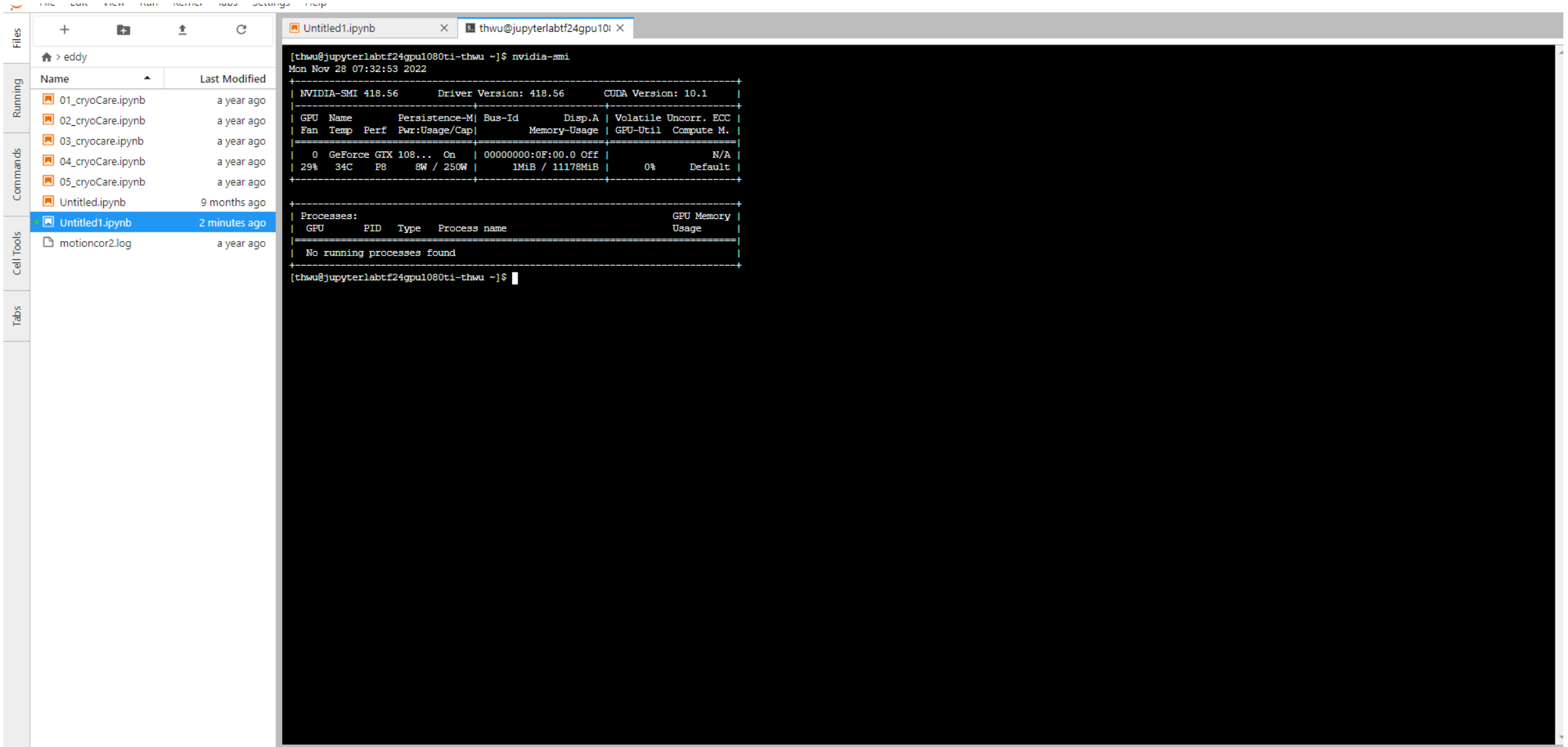
Example 1.1 (Open a Jupyter RTX 3090)



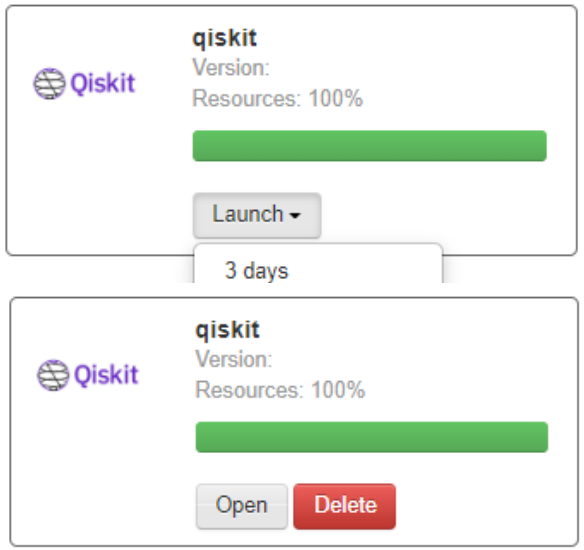
Example 1.2 (Open a Jupyter RTX 3090)

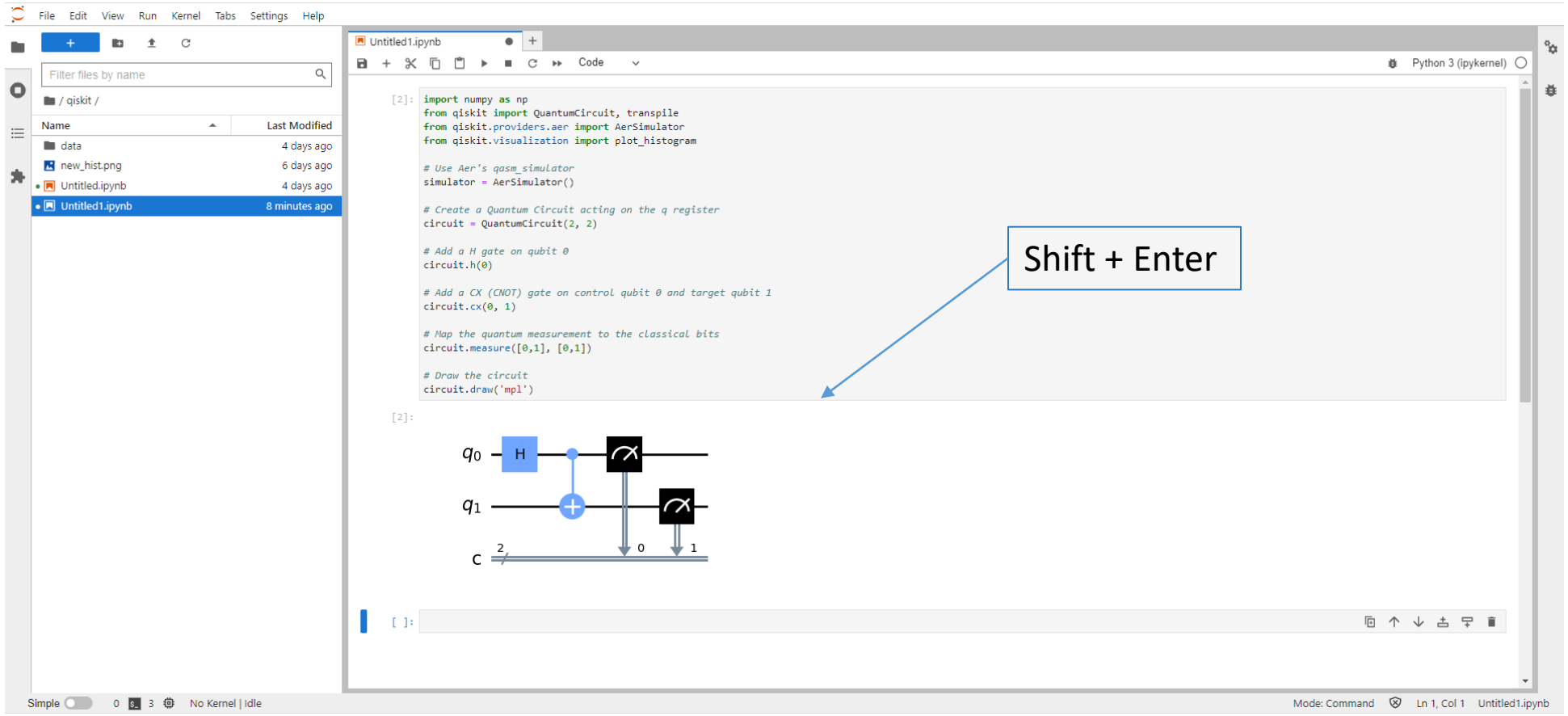


Example 1.3 (Open a Jupyter RTX 3090 with terminal)

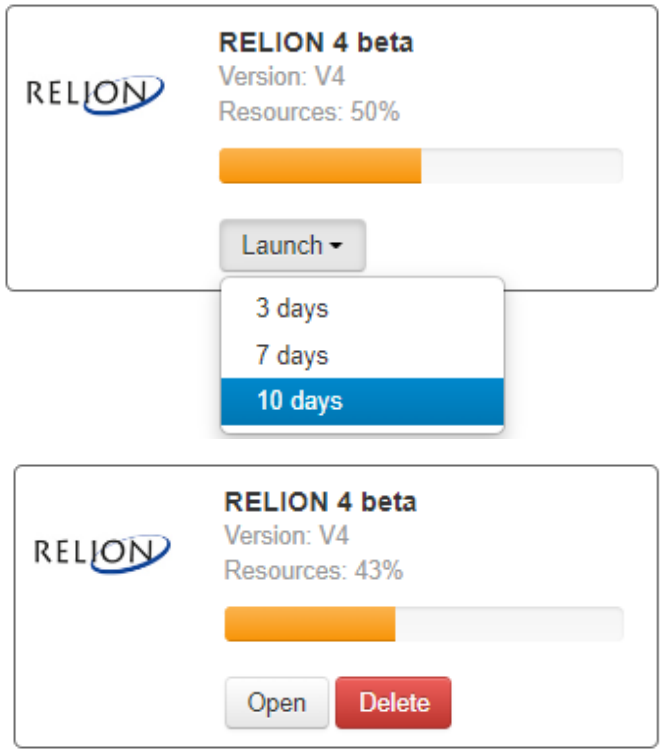


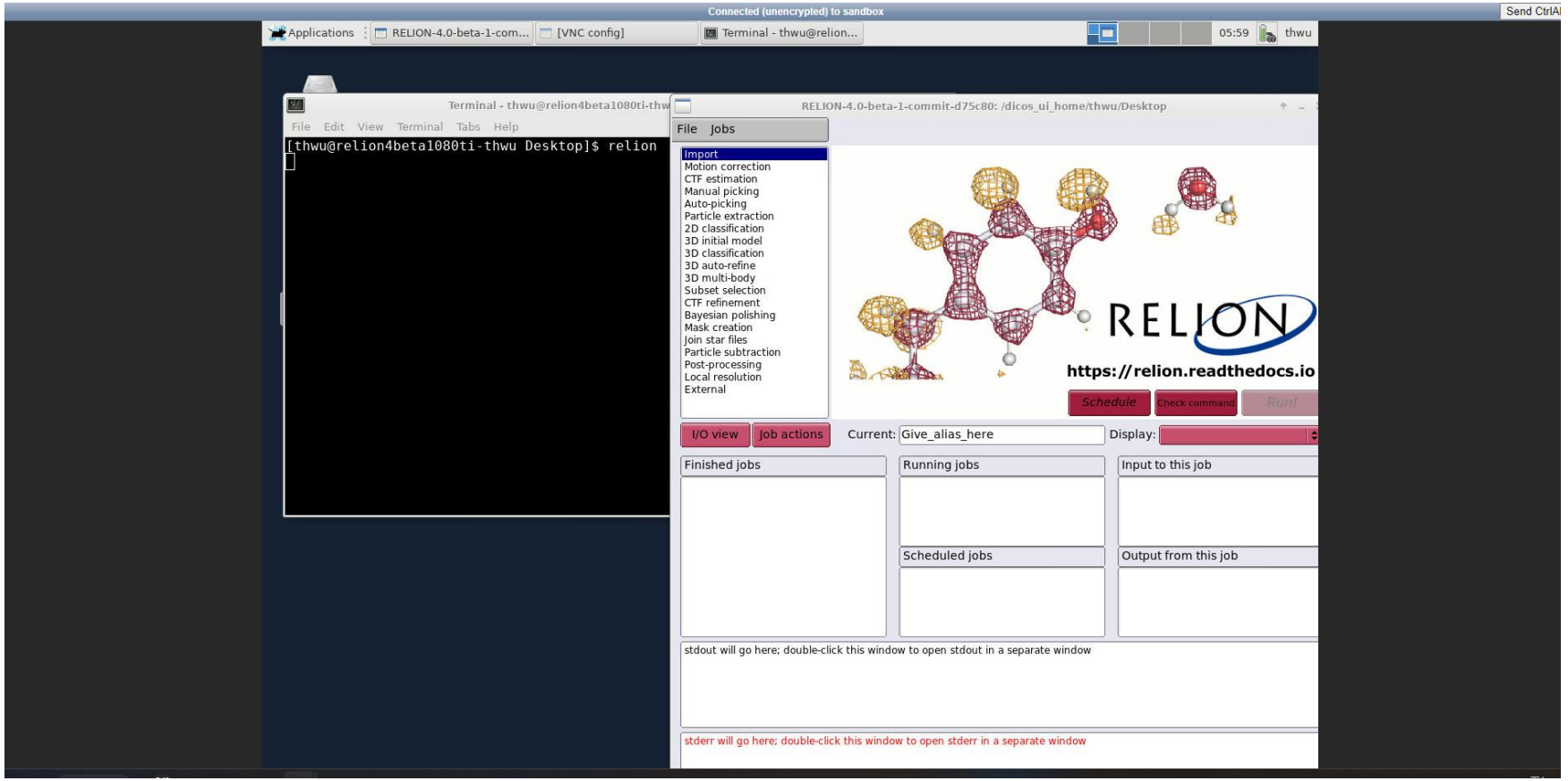
Example 2. (Open a QisKit app)





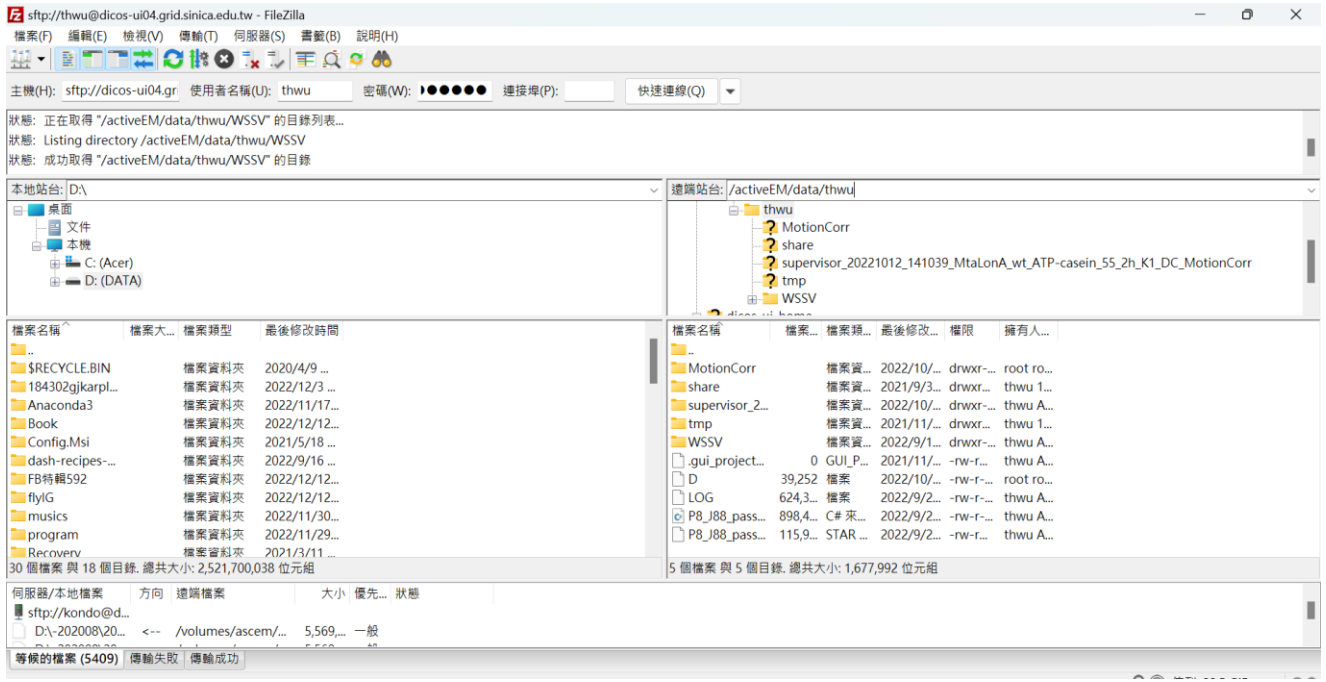
Example 3. (Open a Relion 4-beta app)





Upload and Download your data

1. **Download FileZilla Client**
2. **Host (主機): dicos-ui.grid.sinica.edu.tw**
3. **Account (使用者名稱): account**
4. **Password (密碼): password**
5. **Port (連接埠): 22**



Thanks & Questions and Answers.

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