Accessing Jupyter Notebook via Quakeworx Gateway and Plotting Tandem outputs

By Jeena Yun

1. Launch Jupyter Notebook Expanse App

Jupyter Notebook running on

Expanse

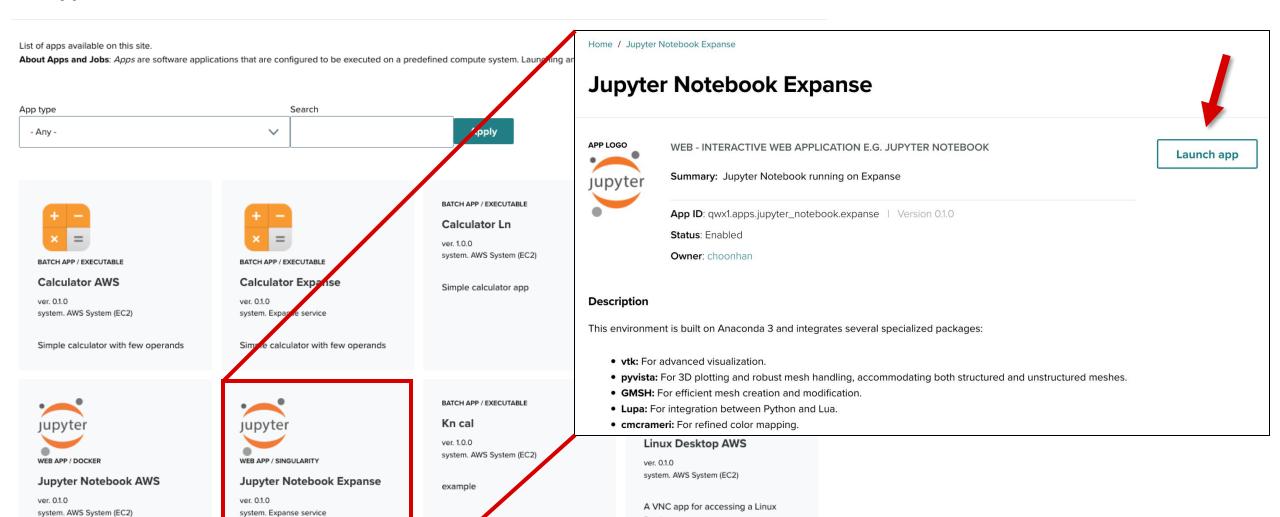
Home / All Apps

All apps

Jupyter Notebook running on AWS

(EC2) instance.

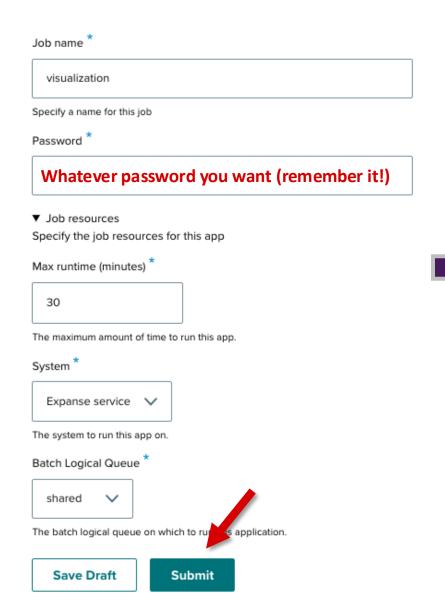
Apps → All apps → Jupyter Notebook Expanse → Launch app



Desktop.

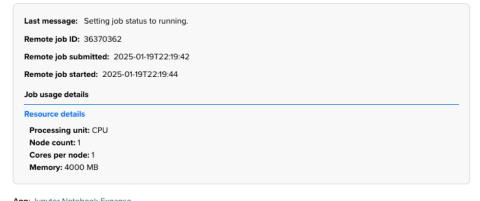
1. Launch Jupyter Notebook Expanse App

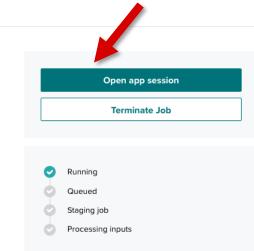
Launch



Wait until the job status becomes 'Running' and the 'Open app session' button activates

visualization





App: Jupyter Notebook Expanse

System: Expanse service

Owner: jeena

Created: Jan 19, 2025

Tapis UUID: 247066da-ed7e-4bcf-8b3c-def5ffa90dd6-007

2. Open Jupyter Notebook App Session



Token authentication is enabled

If no password has been configured, you need to open the server with its login token in the URL, or paste it above. This requirement will be lifted if you enable a password.

The command:

```
jupyter server list
```

will show you the URLs of running servers with their tokens, which you can copy and paste into your browser. For example:

```
Currently running servers: http://localhost:8888/?token=c8de56fa...::/Users/you/notebooks
```

or you can paste just the token value into the password field on this page.

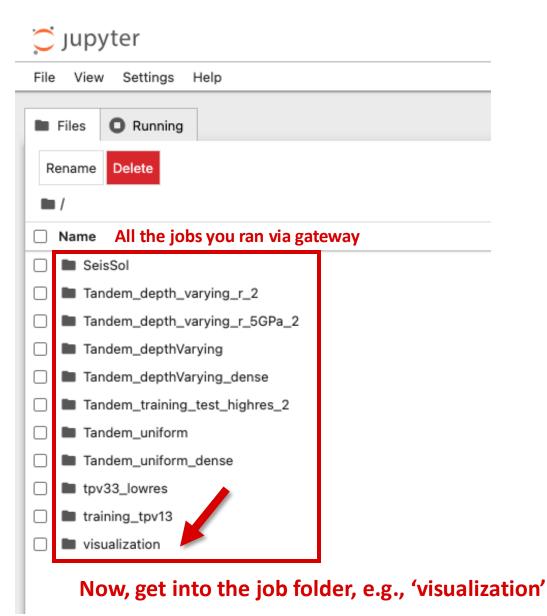
See the documentation on how to enable a password in place of token authentication, if you would like to avoid dealing with random tokens.

Cookies are required for authenticated access to the Jupyter server.

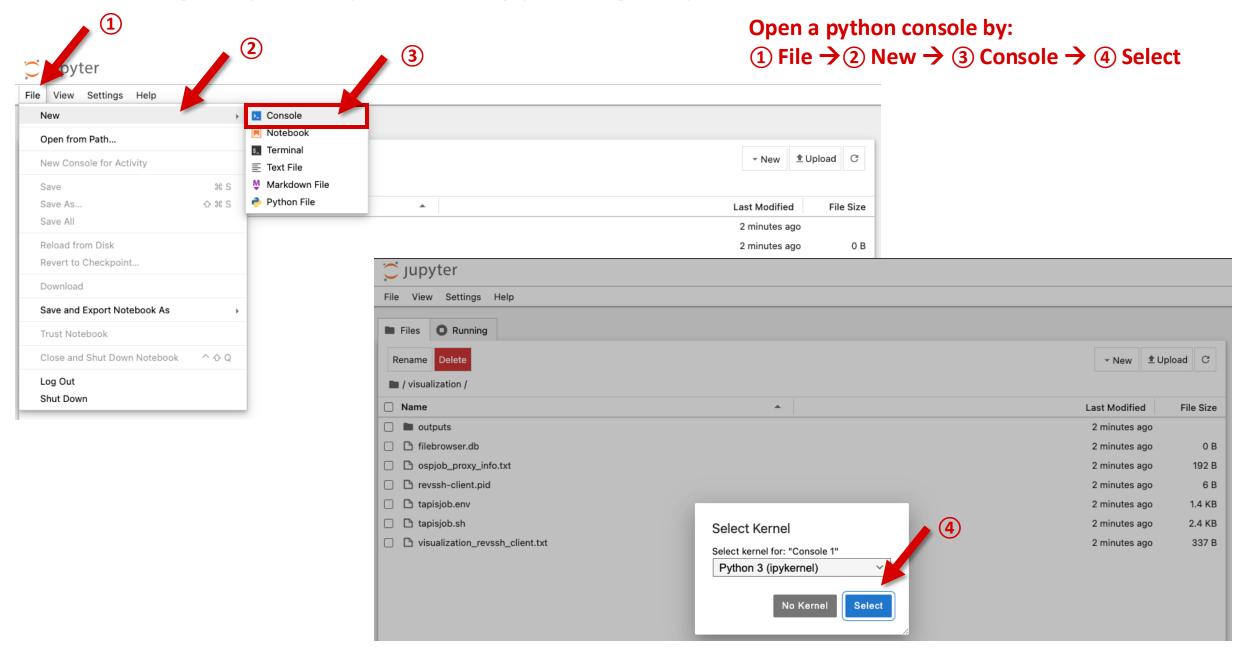
Setup a Password

You can also setup a password by entering your token and a new password on the fields below:

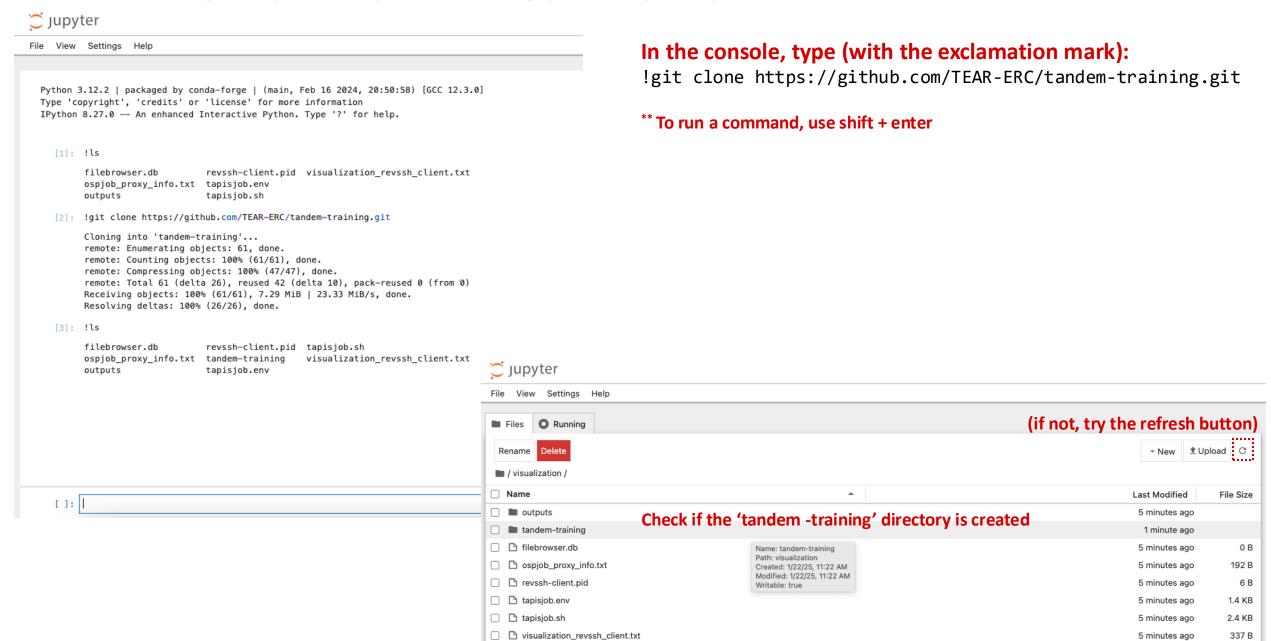




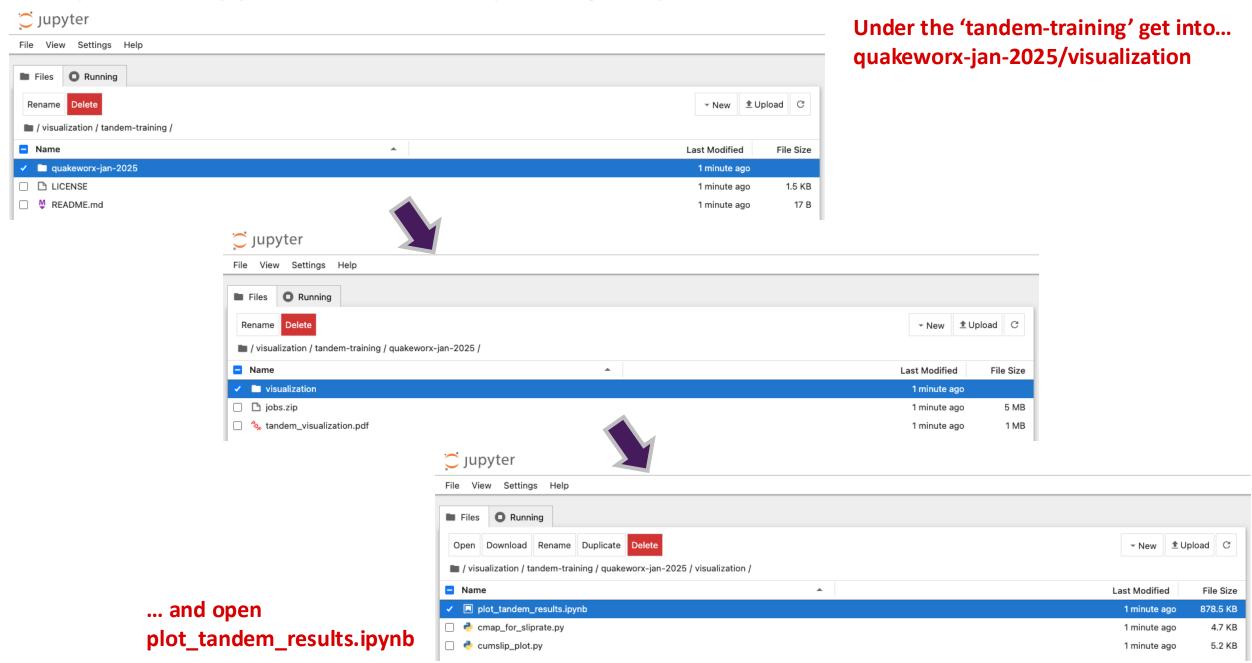
3. Clone the git repository containing plotting scripts



3. Clone the git repository containing plotting scripts



4. Open the Jupyter Notebook for plotting scripts



Now, let's make some cool plots!

