

How to use Go4 analyzer for EN DAQ

1. Login to lawrencium PC

```
ssh -Y daq@lawrencium (PW: rcnpdaq)
```

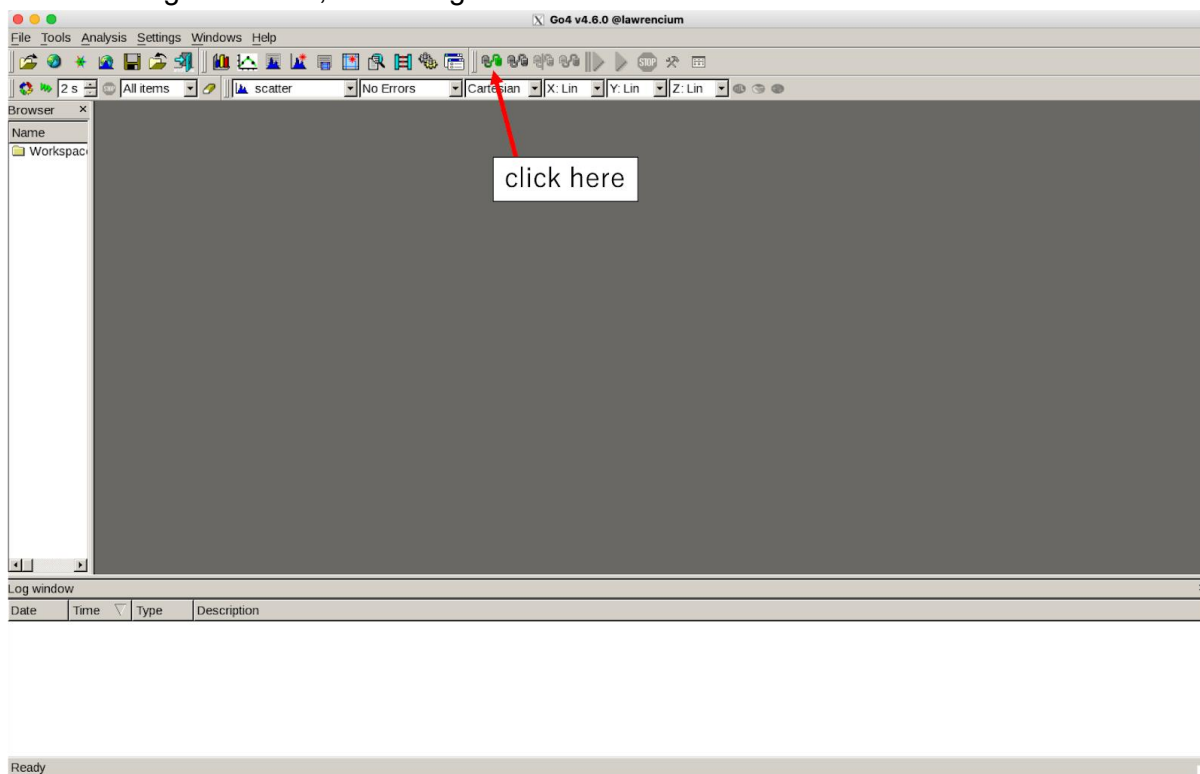
If you get an error regarding to ssh-rsa, please add following words to ~/.ssh/config file in your computer:

```
Host lawrencium
    HostKeyAlgorithms ssh-dss,ssh-rsa
    PubkeyAcceptedAlgorithms +ssh-rsa
```

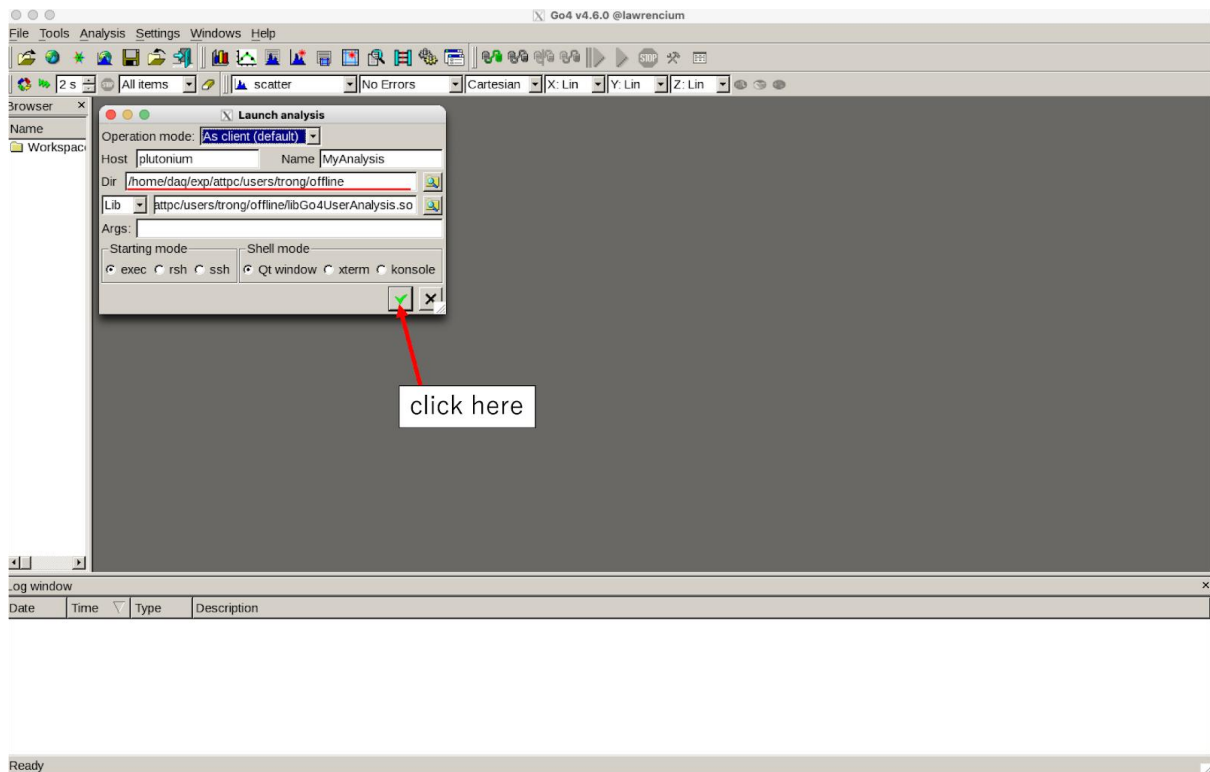
2. type *go4login* → *trong*

3. type *go4*

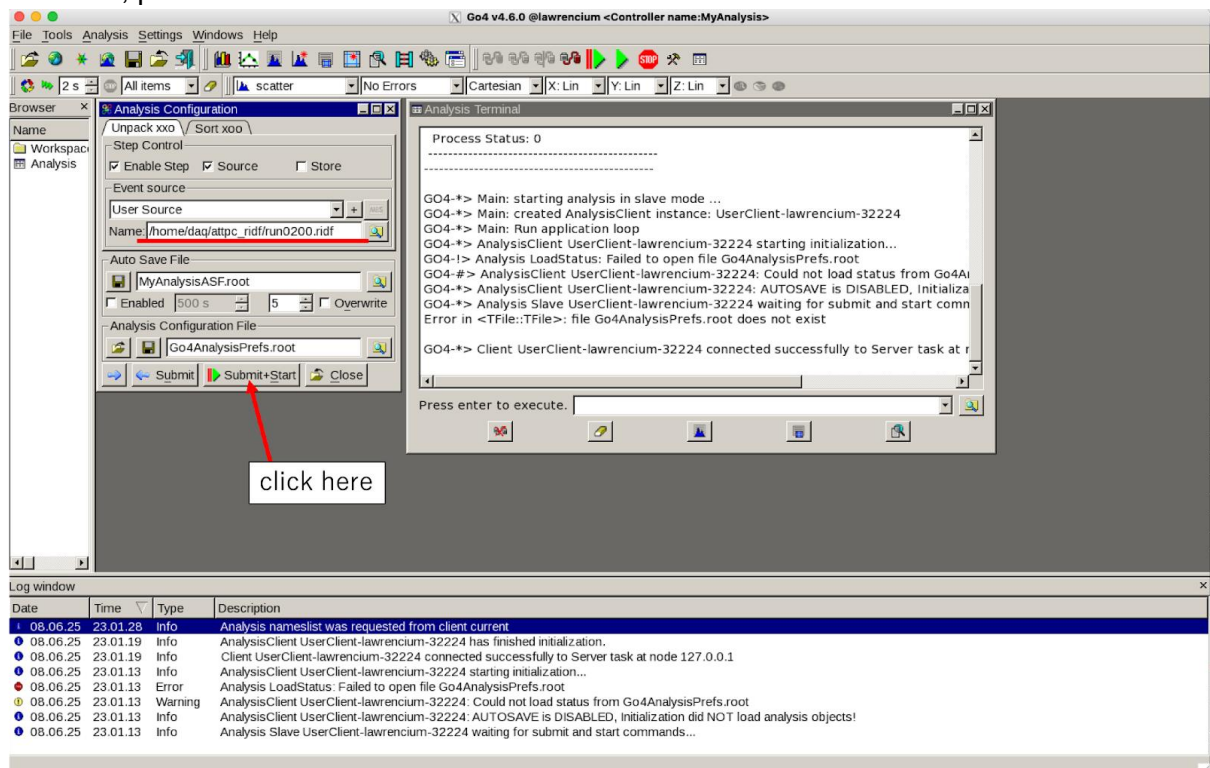
4. In the go4 window, click the green “connect” button



5. Check that the “Dir” is “/home/daq/exp/attpc/users/trong/offline” and push the ckeck button.



- You will see another popup window. In this window, select the ridf file you want to analyze. The path of the ridf file is "/home/daq/attpc_ridf". After selecting the ridf file, push the "Submit+Start" button.



- You can draw the histograms by selecting from the left tab.

8. After you finish the analysis or when you are to analyze the next file, push the red “disconnect” button.

The screenshot displays the Go4 v4.6.0 software interface. A red arrow points to the red "disconnect" button in the toolbar, with a text box saying "click here". The Analysis Terminal window shows the following text:

```
++++ Analysis Step Sort +++++
EventSource is disabled.
EventStore is disabled.
Process Status: 0

GO4-*> AnalysisClient UserClient-lawrencium
RIBFROOT-Info : [TartParserRIDE] Run r
GO4-#> End of event source TartEventS
/home/daq/attpc_ridf/run0200.ridf -
**** TartAnalysis: PostLoop
GO4-*> AnalysisClient UserClient-lawrenc
```

The Log window at the bottom shows a list of events:

Date	Time	Type	Description
08.06.25	23.04.38	Warning	End of event source TartEventSource: /home/daq/attpc_ridf/run0200.ridf -
08.06.25	23.04.38	Info	AnalysisClient UserClient-lawrencium-32224 has STOPPED analysis processing.
08.06.25	23.04.26	Info	Analysis nameslist was requested from client current
08.06.25	23.04.25	Info	Analysis MyAnalysis event classes were initialized.
08.06.25	23.04.25	Info	Analysis nameslist was requested from client current
08.06.25	23.04.25	Info	Client UserClient-lawrencium-32224 working function is started...
08.06.25	23.04.25	Info	AnalysisClient UserClient-lawrencium-32224 has started analysis processing.
08.06.25	23.04.25	Info	Analysis nameslist was requested from client current

The status bar at the bottom shows the current file path: /home/daq/attpc_ridf/run0200.ridf. The Current Ev/s is 2849, Average Ev/s is 11, and the total Events are 32858. The date and time are 2025-06-08 23:41:24.