Starting the suite

The **ecflow_start.sh** script will automatically set up and start your *ecflow_server*.

If you started an ecFlow manually then your server will start in a *halted* state.

In this case, you will have to "restart" your server before you can use it.

In a *halted* state the server will not schedule any tasks.

Text

To check the status of the server, type the following at the UNIX prompt:

```
ecflow_client --stats
```

Examine the output. If the *ecflow_server* is *halted* you would restart with:

```
ecflow_client --restart
```

Once the *ecflow_server* is *running* you have to start the *suite* by typing:

```
ecflow_client --begin=test
```

Python
Restarting and beginning the suite can also be done with the *Client Server API*.
Modify your **client.py** file and then run it.

$HOME/course/client.py

```python
import ecflow

try:
    ci = ecflow.Client()
    ci.sync_local()      # get the defs from the server, and place on ci
    defs = ci.get_defs() # retrieve the defs from ci
    if len(defs) == 0:
        print("No suites in server, loading defs from disk")
        ci.load("test.def")

        print("Restarting the server. This starts job scheduling")
        ci.restart_server()
    else:
        print("read definition from disk and replace on the server")
        ci.replace("/test", "test.def")

    print("Begin the suite named 'test'")
    ci.begin_suite("test")

except RuntimeError as e:
    print("Failed:",    e)
```

What to do

1. Restart the *ecflow_server*
2. Begin the *suite, python3 client.py*