**Jupyter error:occurs in depo\_device.deposition--------------------**

**TimeoutError** Traceback (most recent call last)

Cell **In[23], line 3**

1 # deposit the 0.6 mL into the 0,0 sample well

2 # calib is lost at this step. Regain by going home first.

**----> 3** stage.home()

4 depo\_device.deposition(0.6, row=0, col=4)

File **~\OneDrive - Loyola University Maryland\Documents\Legolas\core.py:290**, in Stage.home**(self)**

289 **def** home(self):

**--> 290** self.motor\_X.start(50)

291 self.sensor\_X.wait\_until\_pressed(force = 0.02)

292 self.motor\_X.stop()

File **~\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\netref.py:239**, in \_make\_method.<locals>.\_\_call\_\_**(\_self, \*args, \*\*kwargs)**

237 **def** \_\_call\_\_(\_self, \*args, \*\*kwargs):

238 kwargs = tuple(kwargs.items())

**--> 239** **return** syncreq(\_self, consts.HANDLE\_CALL, args, kwargs)

File **~\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\netref.py:63**, in syncreq**(proxy, handler, \*args)**

51 """Performs a synchronous request on the given proxy object.

52 Not intended to be invoked directly.

53

**(...)**

60 :returns: the result of the operation

61 """

62 conn = object.\_\_getattribute\_\_(proxy, "\_\_\_\_conn\_\_")

**---> 63** **return** conn.sync\_request(handler, proxy, \*args)

File **~\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\protocol.py:744**, in Connection.sync\_request**(self, handler, \*args)**

741 \_async\_res = self.async\_request(handler, \*args, timeout=timeout)

742 # \_async\_res is an instance of AsyncResult, the value property invokes Connection.serve via AsyncResult.wait

743 # So, the \_recvlock can be acquired multiple times by the owning thread and warrants the use of RLock

**--> 744** **return** \_async\_res.value

File **~\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\async\_.py:109**, in AsyncResult.value**(self)**

101 @property

102 **def** value(self):

103 """Returns the result of the operation. If the result has not yet

104 arrived, accessing this property will wait for it. If the result does

105 not arrive before the expiry time elapses, :class:`AsyncResultTimeout`

106 is raised. If the returned result is an exception, it will be raised

107 here. Otherwise, the result is returned directly.

108 """

**--> 109** self.wait()

110 **if** self.\_is\_exc:

111 **raise** self.\_obj

File **~\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\async\_.py:55**, in AsyncResult.wait**(self)**

53 # Check if we timed out before result was ready

54 **if** **not** self.\_is\_ready:

**---> 55** **raise** AsyncResultTimeout("result expired")

**TimeoutError**: result expired

---------------------------------------------------------------------

Exception in Tkinter callback

Traceback (most recent call last):

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\tkinter\\_\_init\_\_.py", line 1967, in \_\_call\_\_

return self.func(\*args)

^^^^^^^^^^^^^^^^

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\tkinter\\_\_init\_\_.py", line 861, in callit

func(\*args)

File "C:\Users\mlowe\OneDrive - Loyola University Maryland\Documents\Legolas\manual.py", line 113, in r\_get\_motor\_pos

pos = motor.get\_position()

^^^^^^^^^^^^^^^^^^

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\netref.py", line 147, in \_\_getattribute\_\_

return syncreq(self, consts.HANDLE\_GETATTR, name)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\netref.py", line 63, in syncreq

return conn.sync\_request(handler, proxy, \*args)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\protocol.py", line 744, in sync\_request

return \_async\_res.value

^^^^^^^^^^^^^^^^

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\async\_.py", line 109, in value

self.wait()

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\async\_.py", line 51, in wait

self.\_conn.serve(self.\_ttl, waiting=self.\_waiting)

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\protocol.py", line 464, in serve

data = self.\_channel.poll(timeout) and self.\_channel.recv()

^^^^^^^^^^^^^^^^^^^^

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\channel.py", line 55, in recv

header = self.stream.read(self.FRAME\_HEADER.size)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\mlowe\AppData\Local\anaconda3\envs\python\_3.12.3\Lib\site-packages\rpyc\core\stream.py", line 280, in read

raise EOFError("connection closed by peer")

EOFError: connection closed by peer