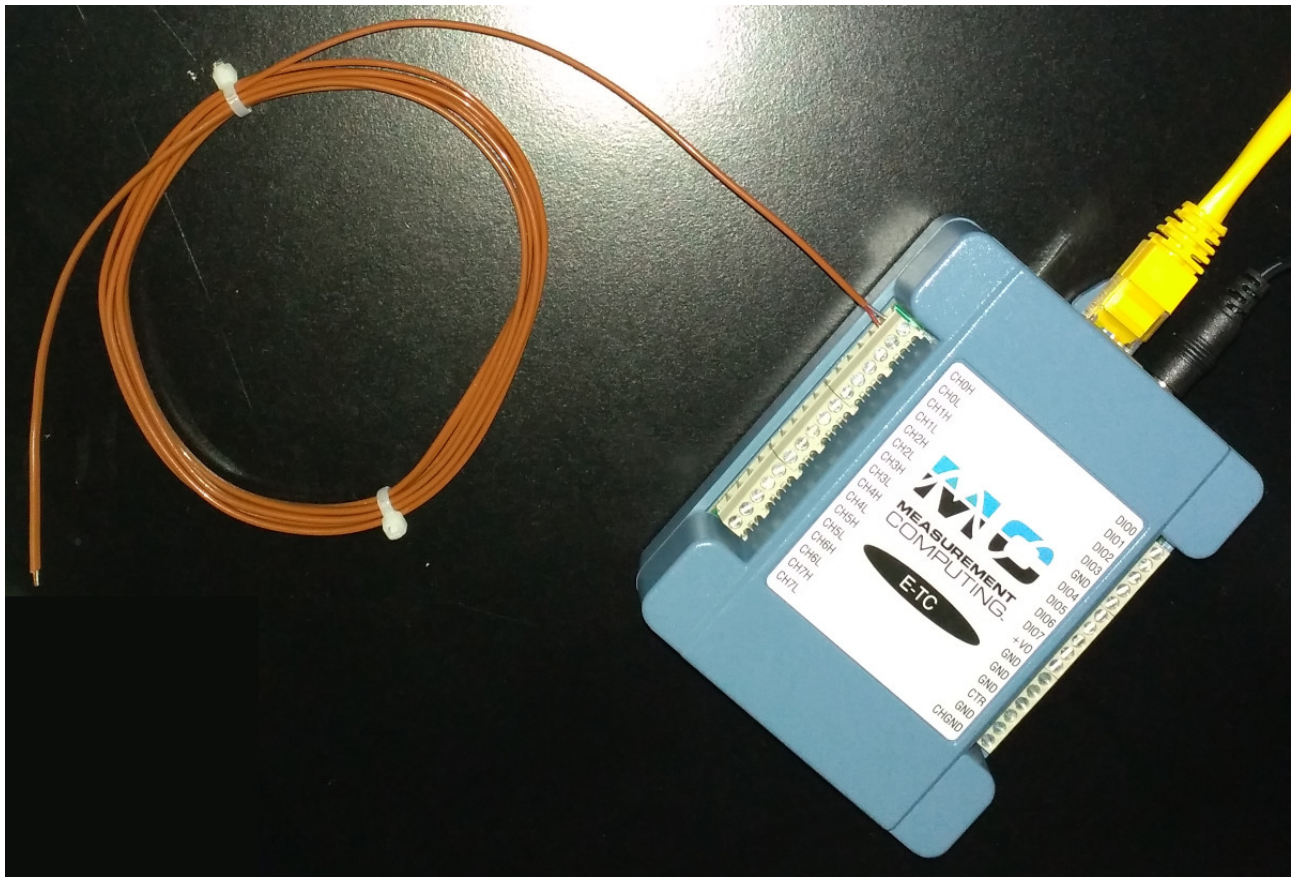
Setup

- MCC E-TC: Ethernet DAQ device for thermocouple
- Thermocouple (TC): Omega Type T



- Remote access system:
  E-TC – Home LAN – Win PC – LabVIEW

VI Code

- Based on CML DQMH
- Started with the module created by Josh:

  `https://github.com/uva-spin/Temperature-Pressure-VIs/tree/main/Delacor_Complete/js5mv_10272020/ThermistorCML`

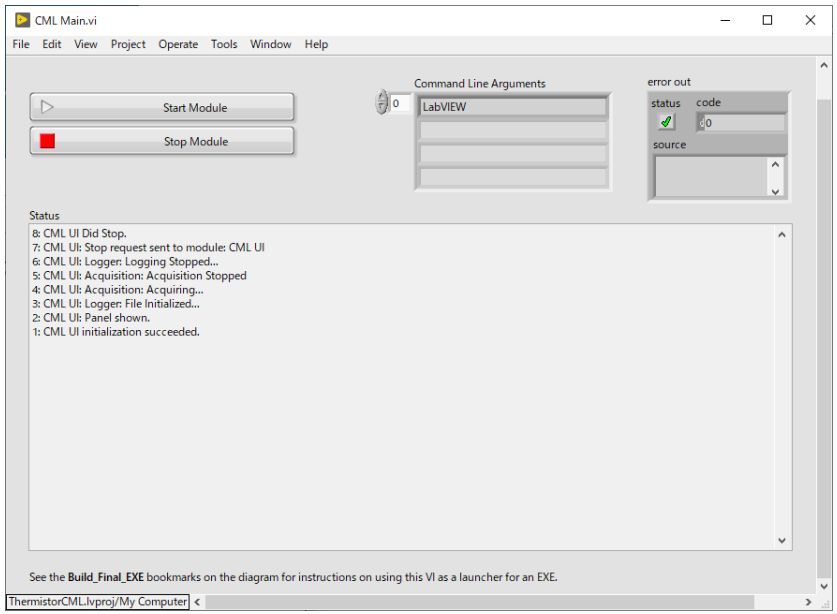
  - Does not run as is, as I reported on Aug. 10, 2021 also
- Modified version:

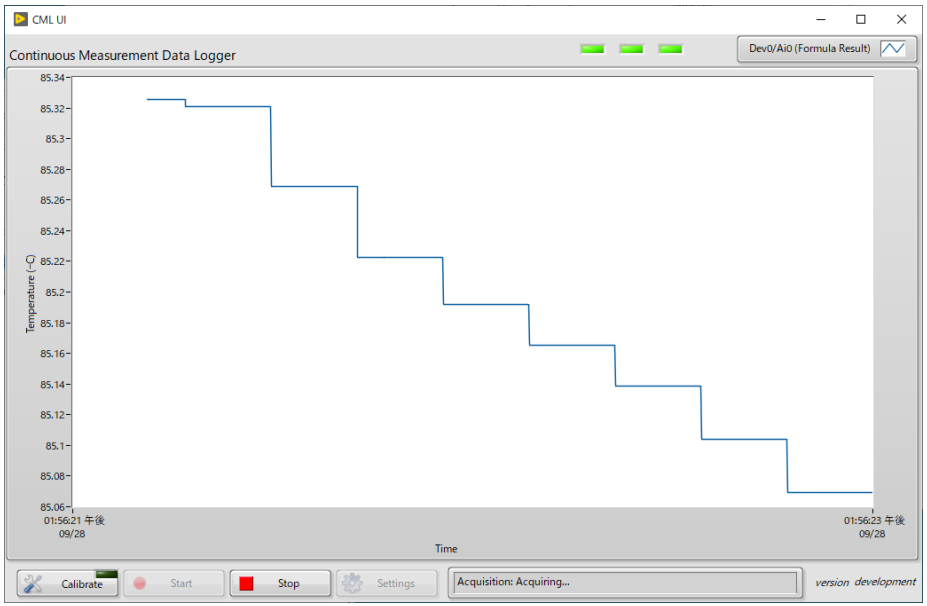
  `https://github.com/uva-spin/Temperature-Pressure-VIs/tree/main/MCC_ETC_VIs`

  - See `README.md`
  - Succeeded in simple continuous measurement and logging ... *next page*
  - Helpful if someone (Reggie?) checks whether my modification is reasonable
- Plans
  - Find a reasonable way of adding more functions under the CML DQMH style
  - Or create a new set of VIs without DQMH??
    Much straightforward for me at present

Result of Simple CML

- Using the main VI; `CML Main.vi`





- The temperature is decreasing after I warmed up TC by hand
- Readings are logged into, for example,
  “`...\Desktop\Logged Files\Test_2021_09_28_13_55_29.tdms`”