

Adding the extra packs for MQTT / Internet-of-Things functionality

The MQTT tasks in lab 104 require some extra functionality that might not have been installed by default. If you get an error message that looks something like that in Figure 1 (below) when opening the lab 104 multi-project workspace then you will need to install some extra packs.

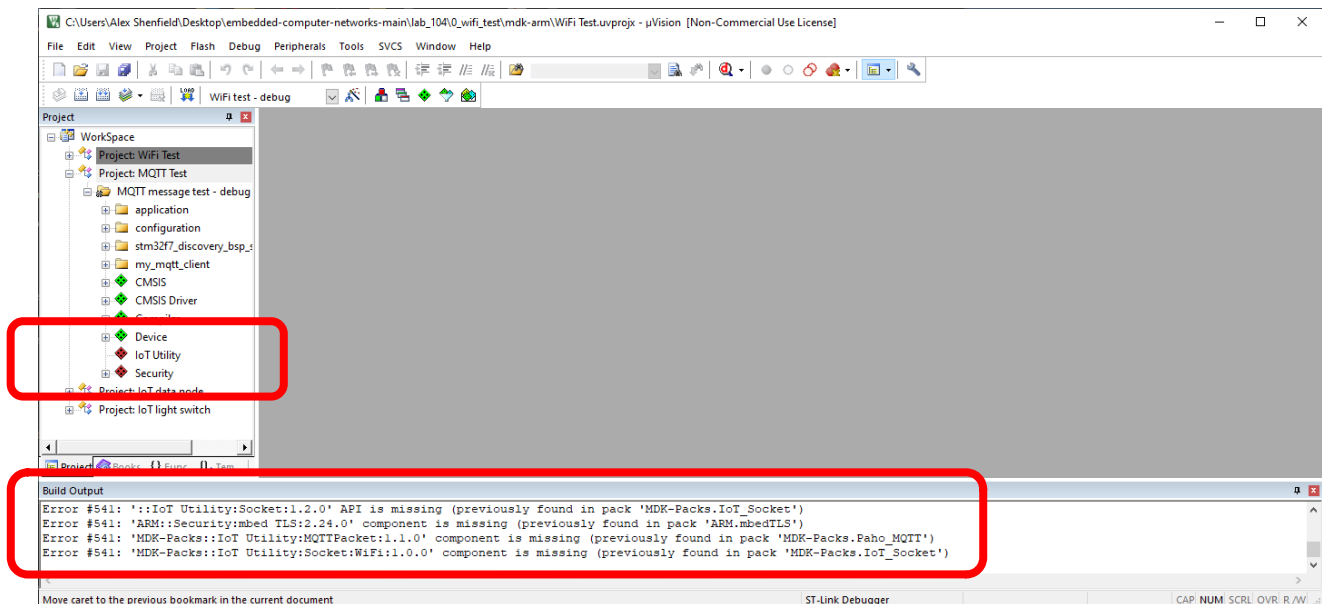


Figure 1 – Missing pack errors

To do this we need to open the pack installer (see blue highlighted icon in Figure 1). This will open the window shown in Figure 2. From here, we need to install:

ARM::mbedtls
MDK-Packs::IoT_Socket
MDK-Packs::Paho_MQTT

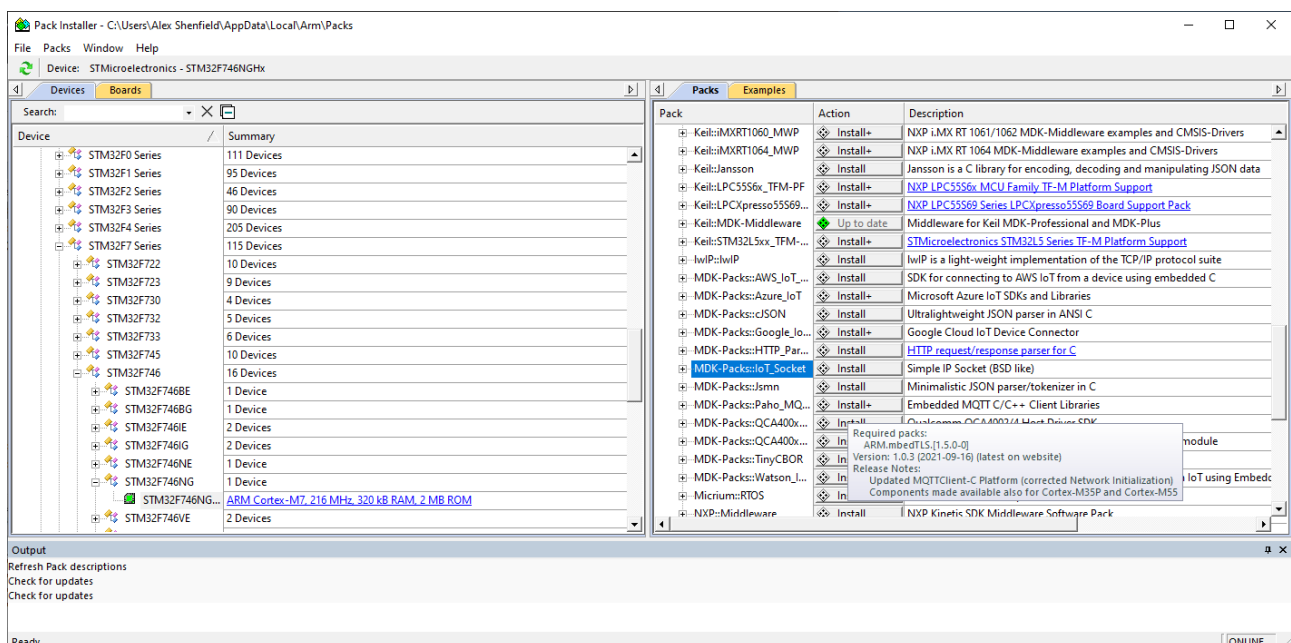


Figure 2 – Keil pack installer

If we reload the packs from MDK-ARM uVision (see Figure 3), we should see that our issues are resolved (see Figure 4).

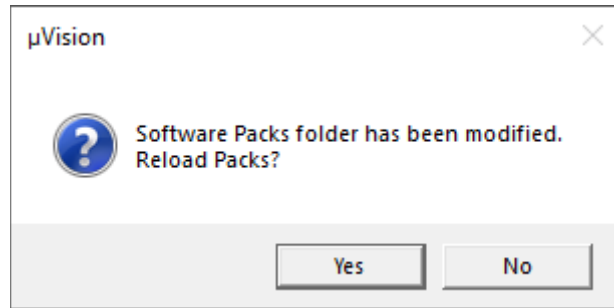


Figure 3 – Reload prompt

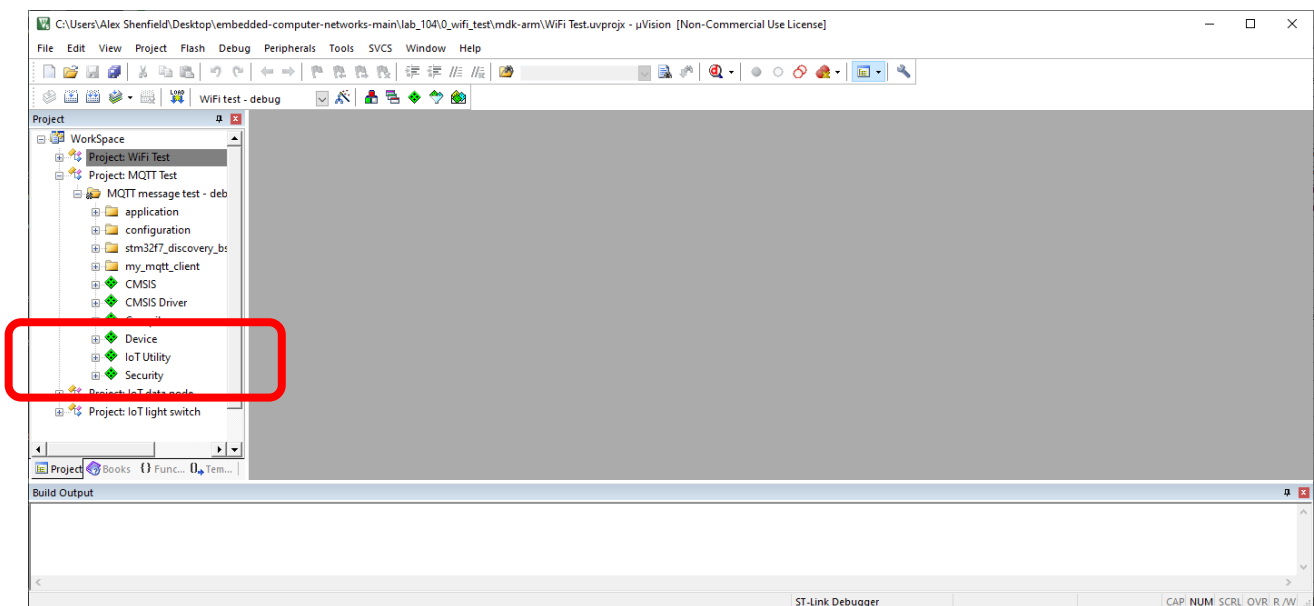


Figure 4 – Problems resolved!

These steps should only be needed if you are working at home – the computers in 4301 & 4302 should have these packs installed already.