

EMBSYS 330 Assignment 1

Development Tools Setup

1 Goal

The goal of this assignment to complete the setup of the Eclipse-based development tools on your computer. This development environment is a prerequisite for future assignments.

2 Steps

1. Follow the instructions in *Section 4.2 Quick Setup of Module 1 Notes.pdf* to setup the virtual machine with built-in development tools.
2. Download the compressed project file (platform-stm32l475-disco-assignment1.tgz) from the assignment course site.
3. Attach the LCD display module (only) to the dev board. **Be very careful when aligning the pins to the sockets and do not bend the pins.**
4. Follow the instructions in *Section 5 Test Run* to build and run the project downloaded above.

3 Submission

The due date is 4/26/2021 Monday 11:59pm. Please include:

1. A log file capturing the output of the UART console when you type the command "state". You can turn on capturing in minicom by:

`sudo minicom -C log.txt`
2. A text file describing what is shown on the LCD display or a photo when the program is running.

Upload to the usual Canvas assignment upload location.