

Tutorial 1: Setting up the Programming Environment

Instructor:

Dr. Carl Latino

carl.latino@okstate.edu

Graduate Teaching Assistants:

Francisco E. Fernandes Jr.

feferna@okstate.edu

**School of Electrical and Computer Engineering
Oklahoma State University
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Introduction

- This tutorial shows how to install the **STM32 Cube IDE** on your own computer, which is the main programming environment used in this class. You only need to follow this tutorial if you wish to work by yourself at home.
- **Note 1:** All computers in **Endeavor 360** already have all the necessary software installed! If you are working in a lab computer, don't install any extra software!
- **Note 2:** The **STM32 Cube IDE** can be installed in all three main operating systems in the market (Windows, macOS, and Linux), but, in this class, support will be provided only for the Windows version of the software.

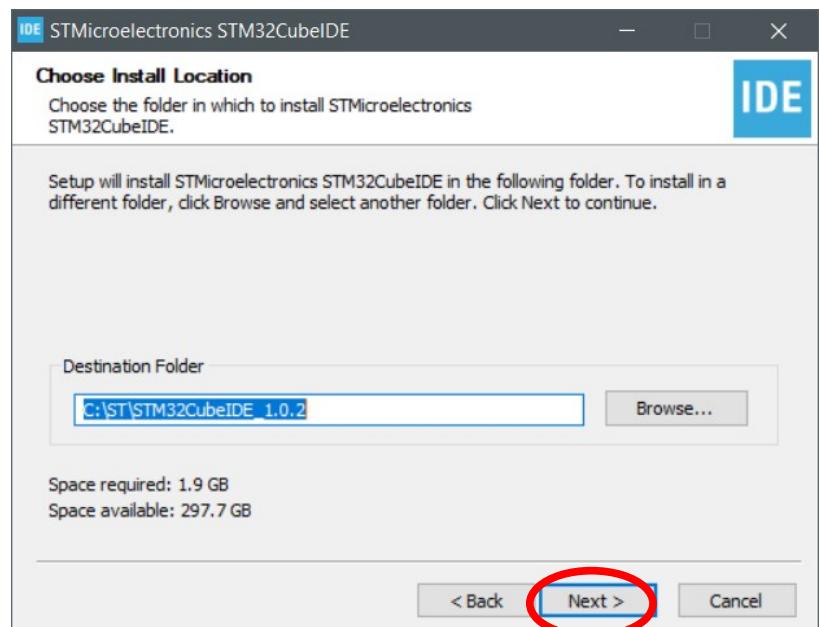
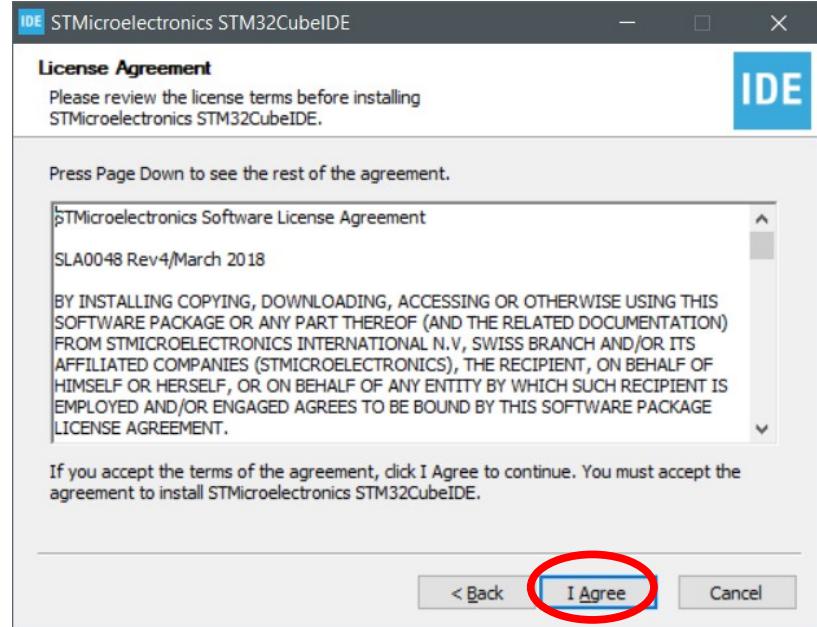
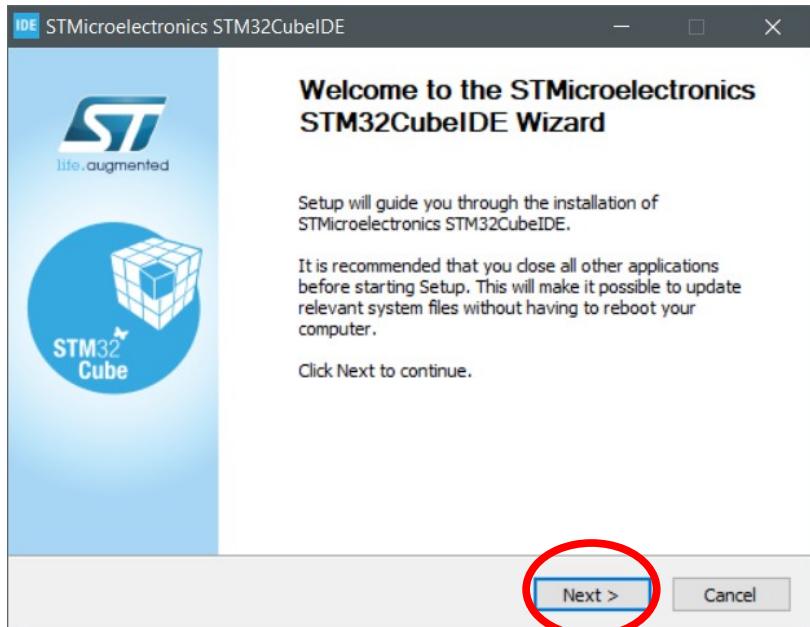


Installation

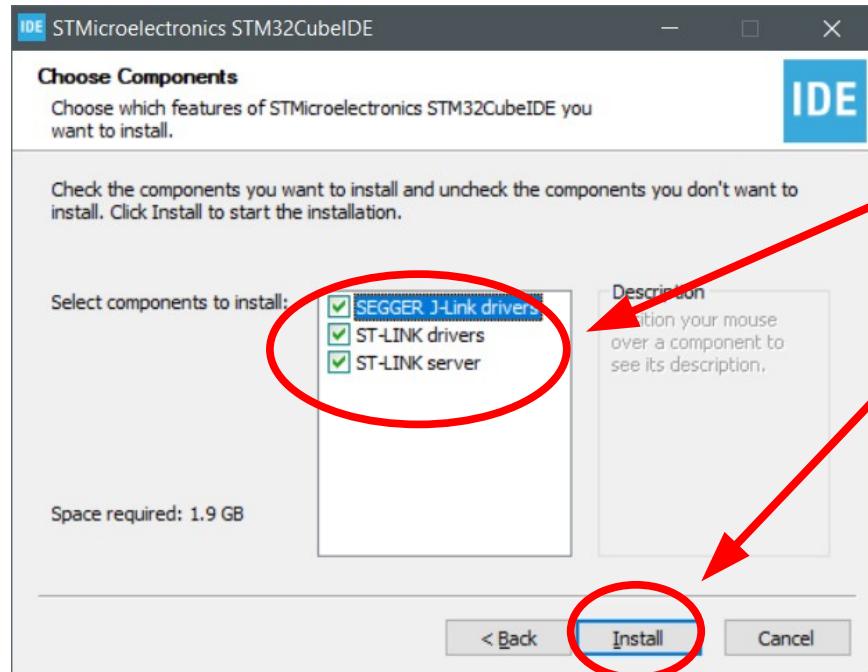
- **Note:** do not connect the development board into your computer until you have installed all the software listed here!
- **First**, download and save the software in your hard drive using the following link:
 - https://www.dropbox.com/s/somp4xsfpvgvxjhb/st-stm32cubeide_1.0.2_3566_20190716-0927_x86_64.exe?dl=0
- **Second**, open the file **st-stm32cubeide_1.0.2_3566_20190716-0927_x86_64.exe** to start the installation procedure, and follow the pictures in the next to install the **STM32 Cube IDE** software:



Installation



Installation



Select all options and click on “Install”





Installation

- Once the installation is finished, you can find the **STM32 Cube IDE** software on your desktop with the following icon:



- This is all the software you need to install for this class! Have fun programming!