**Settings up ESPRESSIF Framework in Vs Code:**

1. First we have to download the ESP-IDF as Offline Installer from the following link:

<https://dl.espressif.com/dl/esp-idf/>

Select the desire version.

1. Start Installation by selecting the default directory, i.e “C:\Espressif”.
2. Once installation is done, open the provided Command window by esp-ide, navigate to file path: “C:\Espressif\frameworks”, and there we have to download also the ESP-ADF(Because of needed in our Digital Stethoscope project, one can skip the ADF if there is NO Audio work in the project).
3. By following the link: <https://espressif-docs.readthedocs-hosted.com/projects/esp-adf/en/latest/get-started/index.html>
4. Download the ADF using : **git clone --recursive https://github.com/espressif/esp-adf.git**
5. Now installing by: **cd esp-adf**

**.\install.bat**

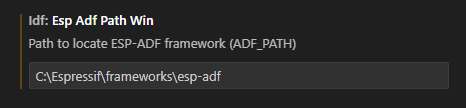
**.\export.bat**

**echo %ADF\_PATH%**

The ADF\_PATH is “C:\Espressif\frameworks\esp-adf”.

1. VS-Code Extention:

* + 1. The first thing is to add the ESPRESSIF Extension: **ESP-IDF**
    2. Opening the Command Palette by pressing **F1** key, and Configuring the extension by searching: “ESP-IDF: Configure ESP-IDF Extension”
    3. Select **USE EXISTING SETUP**, by selecting the already in C:\Espressif directory.
    4. It will configure the existing framework in the vs code as extension.
    5. Now we have to add the ESP-ADF Path in the VS Code, by typing “Open Settings” in Command Palette. Go to User > Extensions > ESP\_IDF and manually set the ESP-ADF path in idf.espAdfPathWin (for Windows).



* + 1. Save the settings. Now open the project folder and build the selected project.