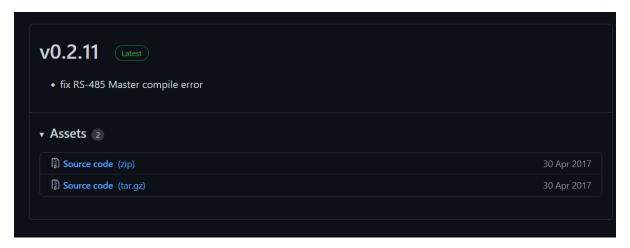
Download and install the Arduino IDE <a href="https://www.arduino.cc/en/software">https://www.arduino.cc/en/software</a>

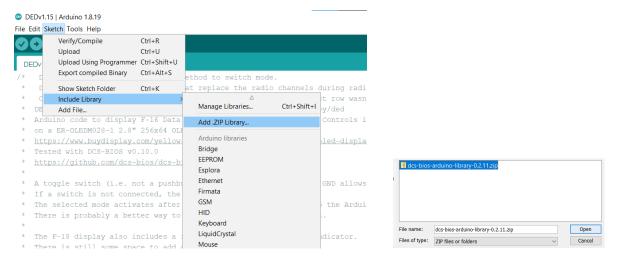
# **Downloads**



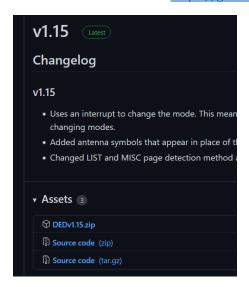
Download the DCS-BIOS library <a href="https://github.com/dcs-bios/dcs-bios-arduino-library/releases">https://github.com/dcs-bios/dcs-bios-arduino-library/releases</a>



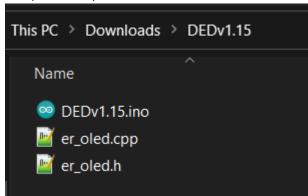
Open the Arduino IDE, select "Sketch" > "Include Library" > "Add .ZIP Library..." from the menu and choose the .ZIP file you downloaded.



# Download DED code from <a href="https://github.com/jg-storey/ded/releases">https://github.com/jg-storey/ded/releases</a>



Unzip the file, you should have a folder with the following files in it.



#### Open DEDv1.15.ino in the Arduino IDE

DEDv1.15 | Arduino 1.8.19

File Edit Sketch Tools Help



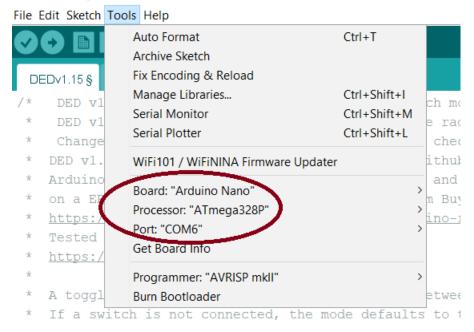
- /\* DED v1.15 Implemented interrupt method to switch mode.
- \* DED v1.1 Added antenna symbols that replace the radio channels during radio operation in F-18 mo
- \* Changed LIST and MISC detection method as just checking the first row wasn't robust enough.
- \* DED v1.0 Created by James Storey in May 2022, github.com/jg-storey/ded
- \* Arduino code to display F-16 Data Entry Display and F-18 Upfront Controls information from DCS-BI
- \* on a ER-OLEDM028-1 2.8" 256x64 OLED display from BuyDisplay.com
- \* https://www.buydisplay.com/yellow-2-8-inch-arduino-raspberry-pi-oled-display-module-256x64-spi
- \* Tested with DCS-BIOS v0.10.0
- \* https://github.com/dcs-bios/dcs-bios/releases

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- \* A toggle switch (i.e. not a pushbutton) wired between pin D2 and GND allows the user to select be
- $^{\star}\,\,$  If a switch is not connected, the mode defaults to the F-16.
- \* The selected mode activates after disconnecting and connecting to the Arduino in the DCS-BIOS Hub

## Connect your Arduino board and select it in the Tools menu

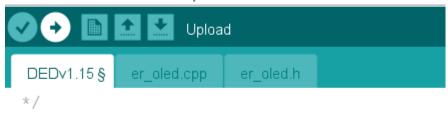
DEDv1.15 | Arduino 1.8.19



## Upload the code to the board

DEDv1.15 | Arduino 1.8.19

File Edit Sketch Tools Help



/\*