Download PlutoBlocks V3.0
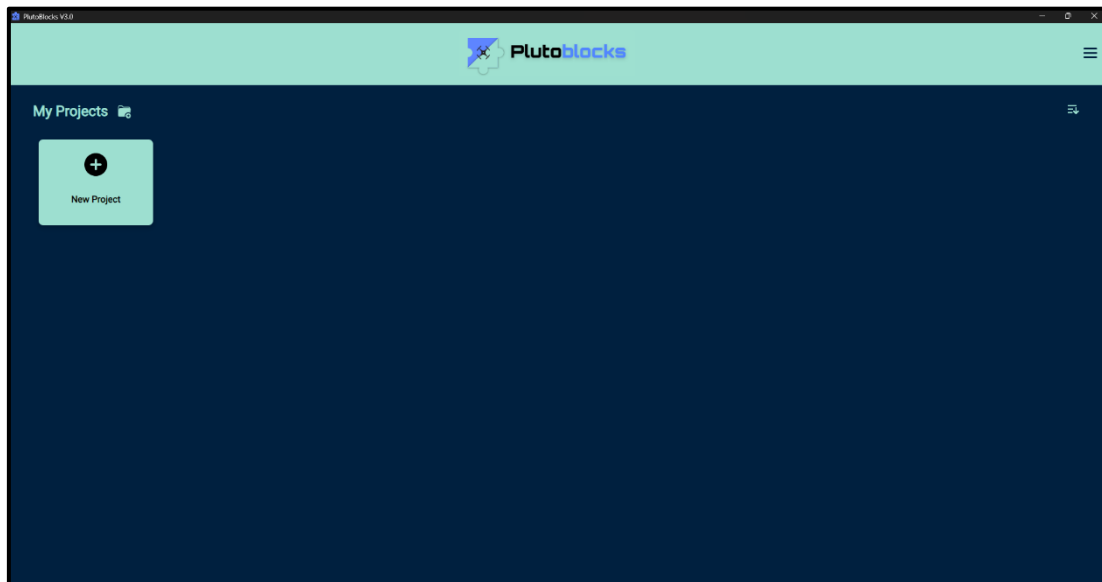
Start by downloading the latest version of PlutoBlocks from the official Drona Aviation website:
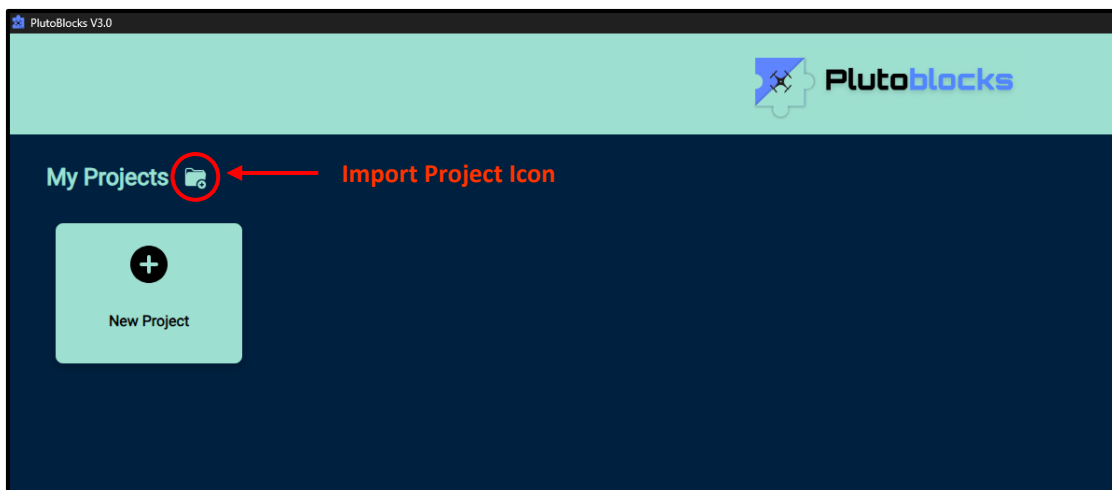https://create.dronaaviation.com/software/drone-programming/plutoblocks

Explore the Home Page

Upon opening PlutoBlocks, you'll see the home page, which is designed for easy access to projects and resources. Here's a breakdown of the features:

1. Project Import Icon:

- This icon allows you to import new projects into PlutoBlocks. Click the icon and select a project file from your device to add it to your project list.
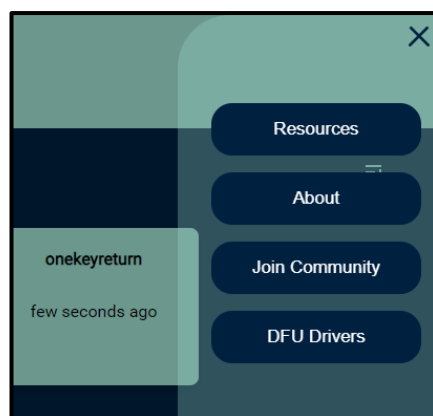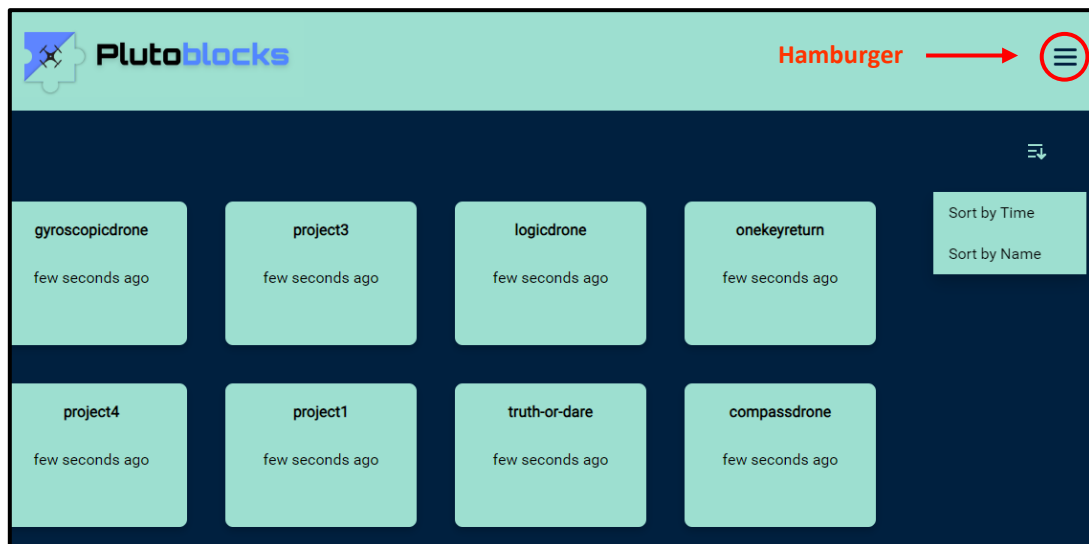
2. Sorting Icon:

- You can organize your projects based on time or name.

- **Sort by Time**: This option arranges projects from the most recent to the oldest.

- **Sort by Name**: This option lists projects alphabetically, making it easier to find specific ones.

3. Hamburger Icon (Top Right Corner):

- The menu includes resources and other helpful links for a complete PlutoBlocks experience.

- **Resources**:

  o **Project Book**: A guide for starting new projects and understanding the PlutoBlocks interface.

  o **Guide Book**: Detailed documentation on using PlutoBlocks, including advanced features.

  o **Video Tutorials**: Step-by-step videos for a more visual learning experience.

- **About**:

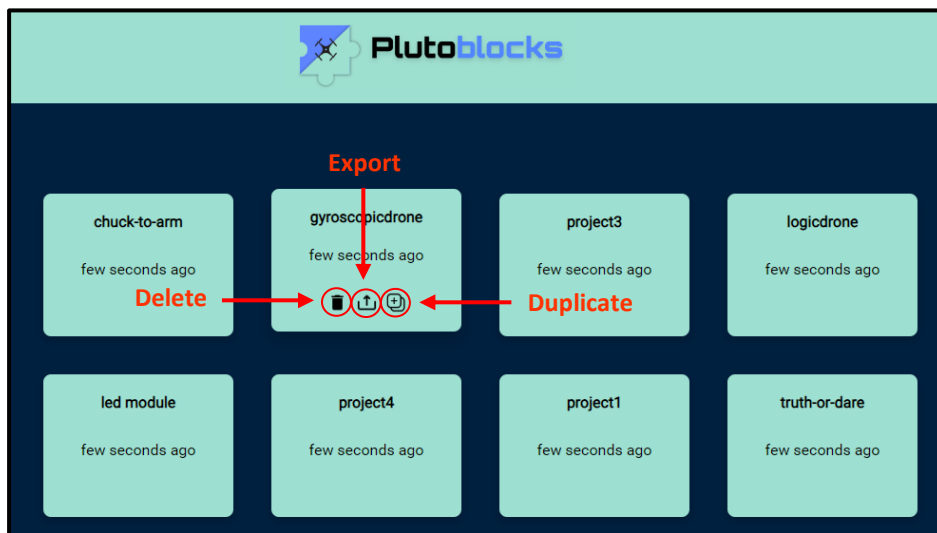 o Information about PlutoBlocks and Drona Aviation.

- **Join Community**:

  o Connect with other users and stay updated by joining Drona Aviation's online communities on LinkedIn, YouTube, Instagram, Discord, GitHub, and Facebook.

- **DFU Drivers**:

  o This button redirects you to the DFU driver download page and installation guide. DFU drivers are necessary to flash code onto the Pluto drone via USB, generated using PlutoBlocks. Ensure to follow the guide for successful installation.
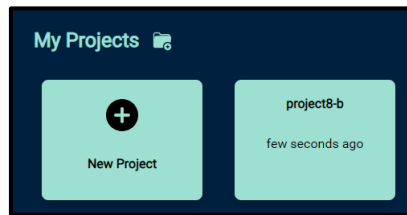
Step 3: Project Tile Options

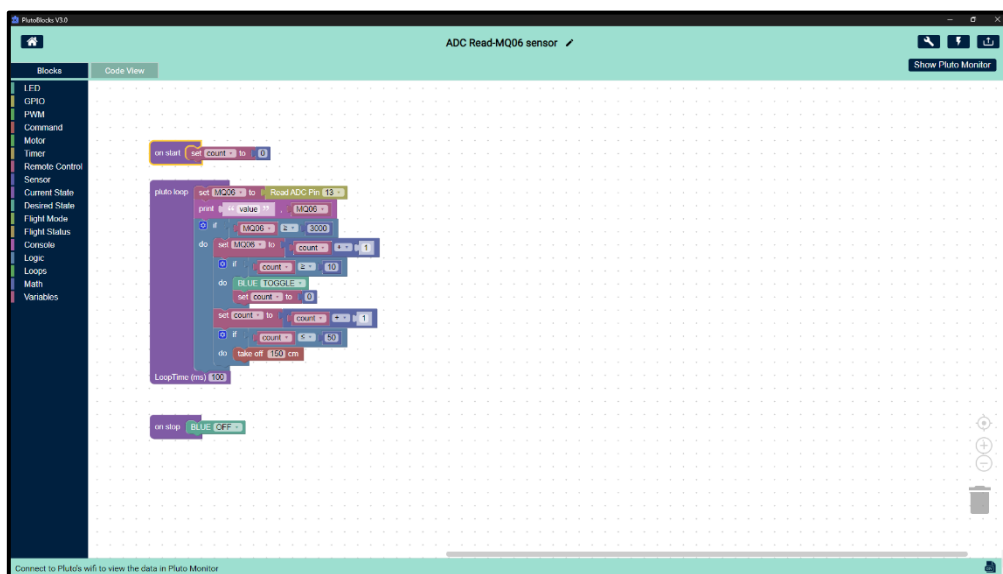Icons on project tile offers three options for project management:

1. **Delete**: Remove the project from your list. Be careful, as this action is usually irreversible.

2. **Export**: Save a copy of the project to your device, making it easy to share or back up.

3. **Duplicate**: Create a copy of the project, which is useful if you want to experiment without modifying the original.

Exploring the Project Page

To create a new project in PlutoBlocks V3.0, **Click on the "New Project" Tile**: On the Home Page, you'll see a "New Project" tile with a "+" icon. Simply click on it to start a new project.
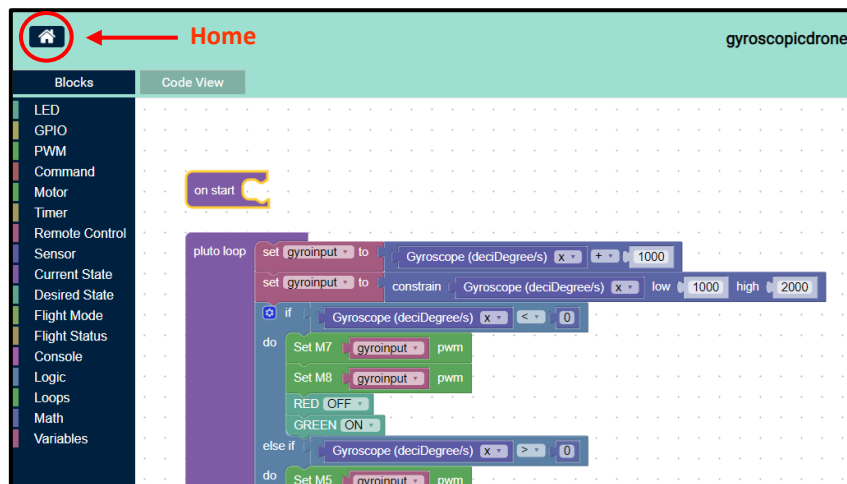

Once you've created or selected a project on the home page, you'll be directed to the Project Page. Here, you can edit your Blocks, monitor data, and export your project.
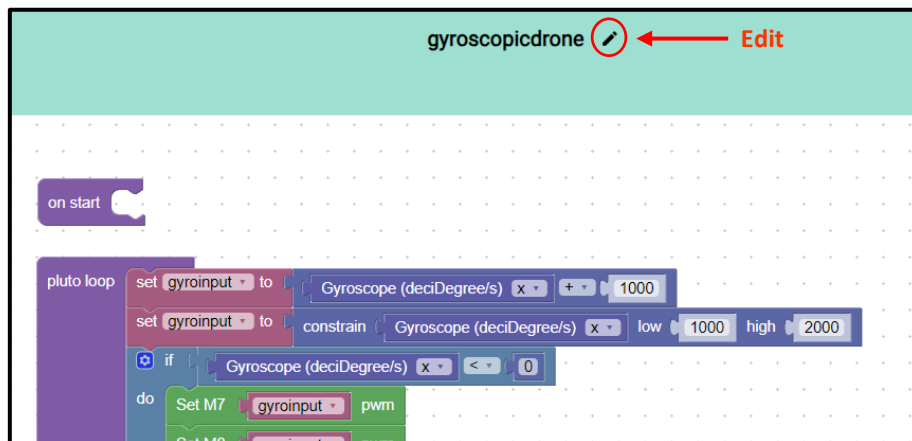

Project Page Features Overview

1. Home Icon:

Located in the top left corner, this icon allows you to return to the Home Page. Use it whenever you want to go back to the project list or create a new project.

2. Project Name and Edit Icon:

Your project's name is displayed at the top center. An edit (pencil) icon next to it enables you to rename the project. This is especially useful for keeping your projects organized and identifiable.
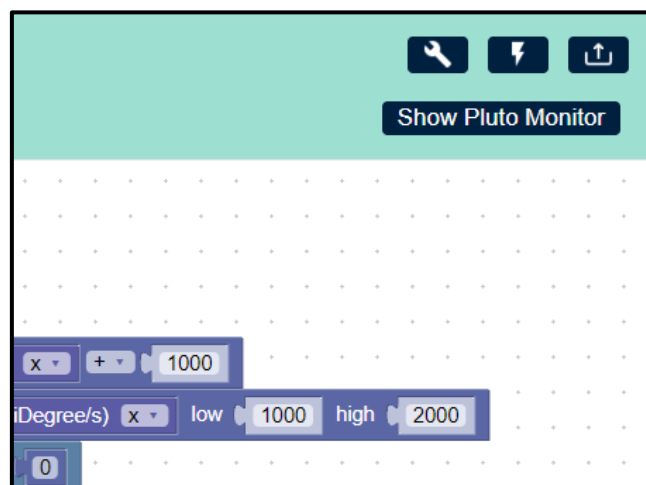

3. Build, Flash, and Export Icons:

Build: Compiles your code, preparing it for the flashing process.

Flash: Uploads your code to the Pluto drone, making it ready for execution.

Export: Saves a copy of your project to your device. This is helpful for backing up or sharing projects with others.
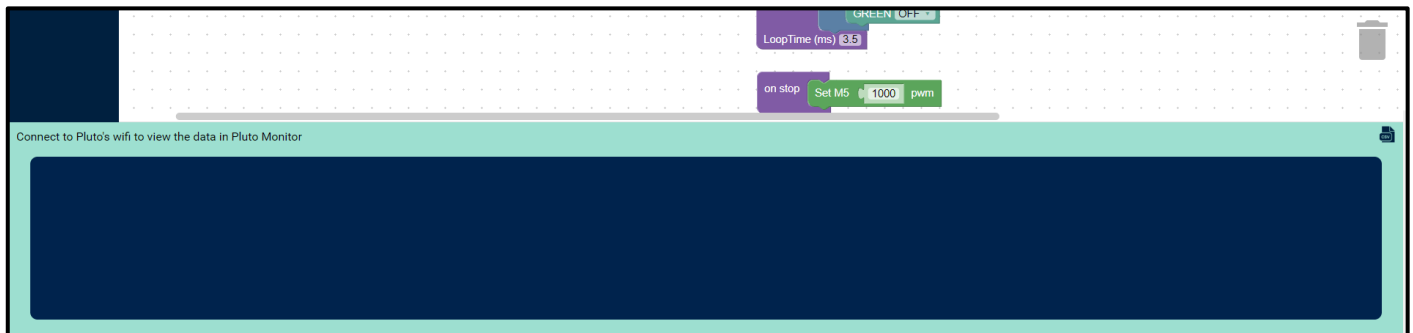
Show Pluto Monitor Button:

Clicking this button opens the Pluto Monitor, a console window that displays real-time data received from the drone. This feature is essential for debugging and monitoring drone status during flight.

5. Pluto Monitor Console Window:

This console provides live feedback from your drone, such as sensor readings, status updates, and other data. Ensure your device is connected to Pluto's Wi-Fi to view the data in real-time.

6. CSV Icon in Pluto Monitor:

The CSV icon located in the Pluto Monitor allows you to save the data log as a CSV file. This feature is useful for recording and analyzing drone data over time, making it ideal for documentation or post-flight analysis.

This guide should help new users navigate and utilize the key features on the new PlutoBlocks V3.0.