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**FIRST Robotics Competition**

**WPILib**

**2023-05-27**

This is a test translation for the Japanese frc-docs translation. Please overwrite this text with the correct translation

Community translations can be found in a variety of languages in the bottom-left menu.

## **Returning Teams**

If you are a returning team, please check out the overview of changes from 2022 to 2023 and the known issues.

*Changelog*

*Known Issues*

## **New Teams**

The Zero-to-Robot tutorial will guide you through preparation, wiring and programming a basic robot!

*Go to Zero-to-Robot*

## **Hardware Overview**

An overview of the hardware components available to teams.

*Go to Hardware Overview*

## **Software Overview**

An overview of the software components and tools available to teams.

*Go to Software Overview*

## **Programming Basics**

Documentation that is useful throughout a team's programming process.

*View articles*

## **Advanced Programming**

Documentation that is suited toward veteran teams. This includes content such as Path Planning and Kinematics.

*View articles*

## **Hardware**

Hardware tutorials and content available for teams.

*View articles*

## **Romi Robot**

The Romi Robot is a low-cost Raspberry Pi based platform for practicing WPILib programming.

*View articles*

## **API Documentation**

Java and C++ class documentation.

*Java*

*C++*

## **Software Tools**

Essential tooling such as FRC Driver Station, Dashboards, roboRIO Imaging Tool and more.

*View articles*

## **Example Projects**

This section showcases the available example projects that teams can reference in VS Code.

*View articles*

## **Status Light Quick Reference**

Quick reference guide for the status lights on a variety of FRC hardware.

*View article*

