FIRST Tech Challenge

October 2023
Wiring, Coding, Vision Portal

Agenda

Saturday Morning - Introductions, What is *FIRST*?,
Robot Resources, CENTRESTAGE game

Saturday Afternoon - FTC Events, Portfolios, Fundraising

Sunday Morning - Wiring, Coding, Vision Portal

Sunday Afternoon - Advanced Programming or

FIRST Software, Q&A,

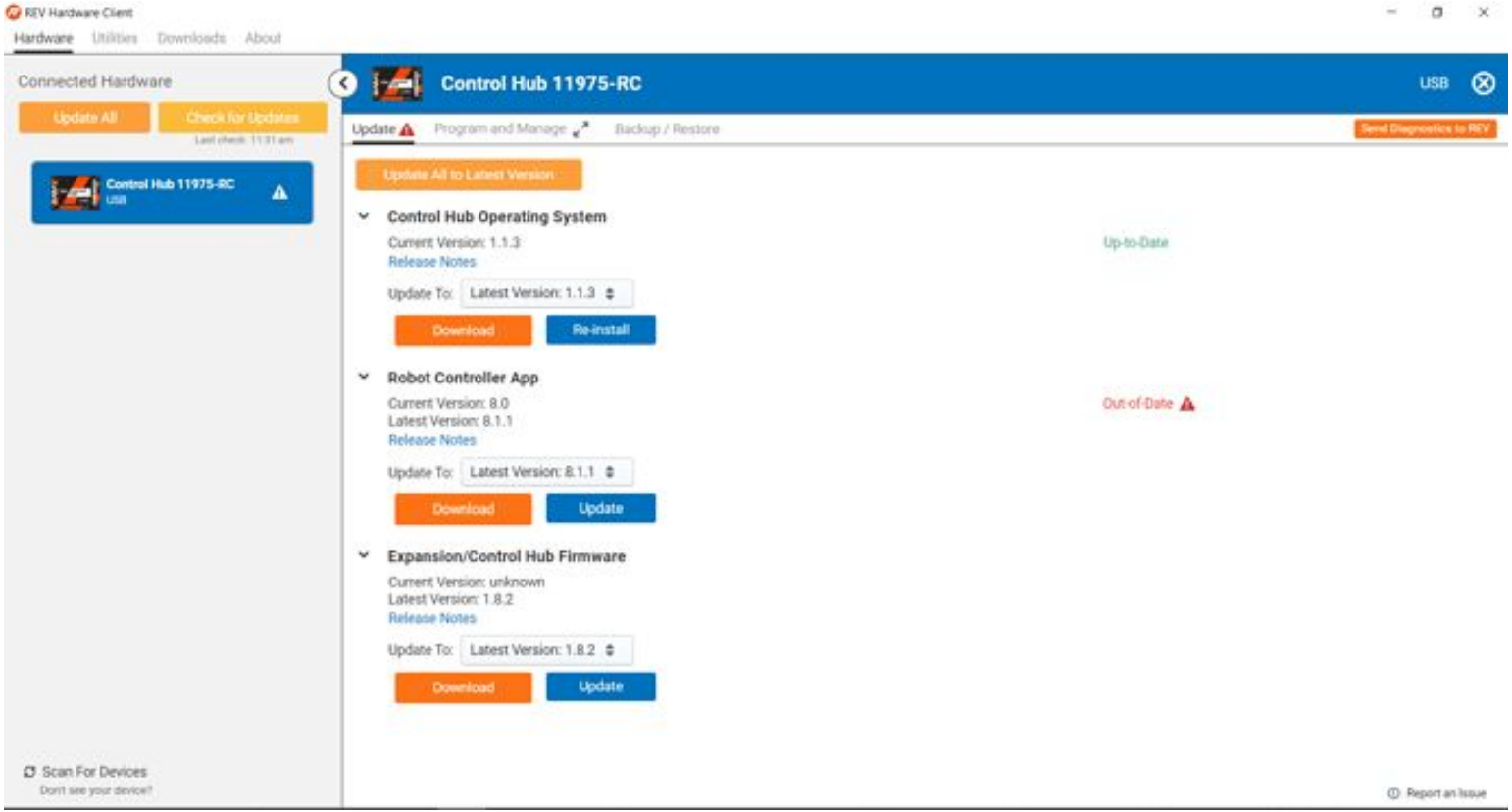
Agenda

Advanced Programming - working with robots to get hands on experience programming, mostly with the Vision Portal.

***FIRST* Software** - Dashboard, FTC-Scoring,
Q&As - What would you like to learn more about?

REV Hardware Client https://docs.revrobotics.com/rev-hardware-client/

- Download software to your laptop
- Use the software to update the firmware and apps for the Control Hub and the Driver Hub
- Use a USB cable to plug in the device to be updated.
- Control Hub needs to be powered with a battery.


REV Hardware Client
Hardware
Utilities
Downloads
About
Connected Hardware
Update All
Check for Updates
Control Hub 11975-RC
USB
Control Hub 11975-RC
USB
Update
Program and Manage
Backup / Restore
Send Diagnostics to REV
Update All to Latest Version
Control Hub Operating System
Current Version: 1.1.3
Release Notes
Up-to-Date
Update To: Latest Version: 1.1.3
Download
Re-install
Robot Controller App
Current Version: 8.0
Latest Version: 8.1.1
Release Notes
Out-of-Date
Update To: Latest Version: 8.1.1
Download
Update
Expansion/Control Hub Firmware
Current Version: unknown
Latest Version: 1.8.2
Release Notes
Update To: Latest Version: 1.8.2
Download
Update
Scan For Devices
Don't see your device?
Report an Issue

FIRST Software

- Dashboard https://www.firstinspires.org/

  Team Registration - Team, Coaches, and Team Members

  Storefront - Where to purchase FIRST discounted products

  Dean’s List Nominations

  Volunteering for Events

PROGRAMS COMMUNITY WAYS TO HELP ABOUT Hello, Christine Nicholls ▼

DASHBOARD

MY TEAMS | PARENT/GUARDIAN - YOUTH | VOLUNTEER REGISTRATION | MY CLASS PACK ACCOUNT

CREATE NEW TEAM | GIVE TO *FIRST* MISSION | REGISTERING YOUTH FAQ | RETURNING TEAMS | ACCESS THINKSCAPE | SHOPPING CART

Teams List Sort by Team: Name

Team Name	Team Number	Program	Team Type	Returning Team	Outstanding Tasks
FIX IT	#3491	*FIRST*® Tech Challenge	Individual Team	✔	

Team Options

Outstanding Tasks
Team Information
Payment & Product
Certificates & Awards

Team Finances

Shopping Cart	
Payment/Product (Receipt)	–
Funds & Grants	$0.00
Credits	$0.00

Finance Options

Team Contacts/Roster

Youth Members	1
Primary Contacts	2
Other Contacts	6
Invite Contacts	

Contact Options

Team Events

Team Registration does not guarantee that events are available in your area. If you cannot locate an event in our system, please contact your local partner at:
Local Support

Event Options

FIRST Software

- Dashboard https://www.firstinspires.org/
- FTC Scoring https://ftc-scoring.firstinspires.org/

  Practice Matches

  Submit scores from Remote Events

  Submit Engineering Portfolios and Control Award Nominations

  Models for Tensorflow

FIRST Tech Challenge Scoring (Cloud) v5.0.7

FIRST TECH CHALLENGE

English Resources Hello, Christine Nicholls

[3491] FIX IT

FIX IT/Victoria Makerspace/Actuonix/EGBC&Victoria Robotics Club

Victoria, BC, Canada

- Events
- Remote Practice Matches
- Traditional Score Calculator
- Users
- Tools

Remote Events

Name	Date		
BC FTC Remote Qualifier	1/11/2024 - 1/17/2024	Play Matches	Judging

Thank you to our sponsors!

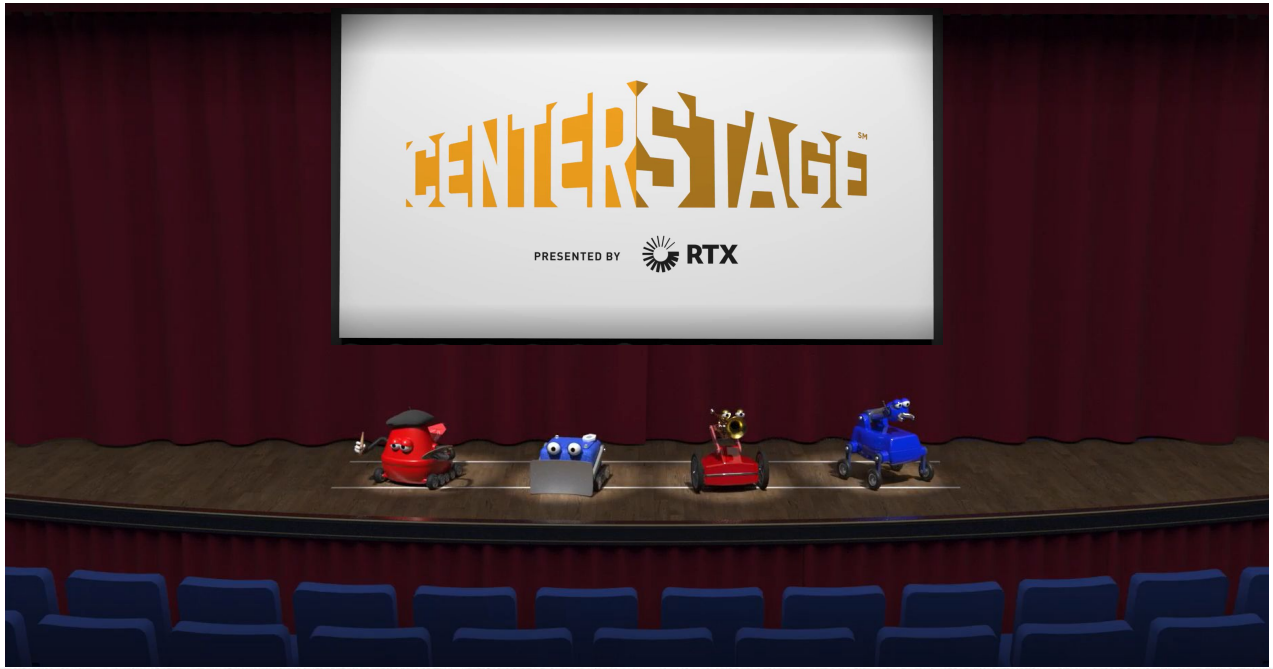
FIRST® Tech Challenge

RTX

FIRST Software

- Dashboard https://www.firstinspires.org/
- FTC Scoring https://ftc-scoring.firstinspires.org/
- FTC Q & A https://ftc-qa.firstinspires.org/

  Official Q&A about everything from Robot parts to Game Rules

Q&A

Good Luck this Season!