

FRC Team 1259

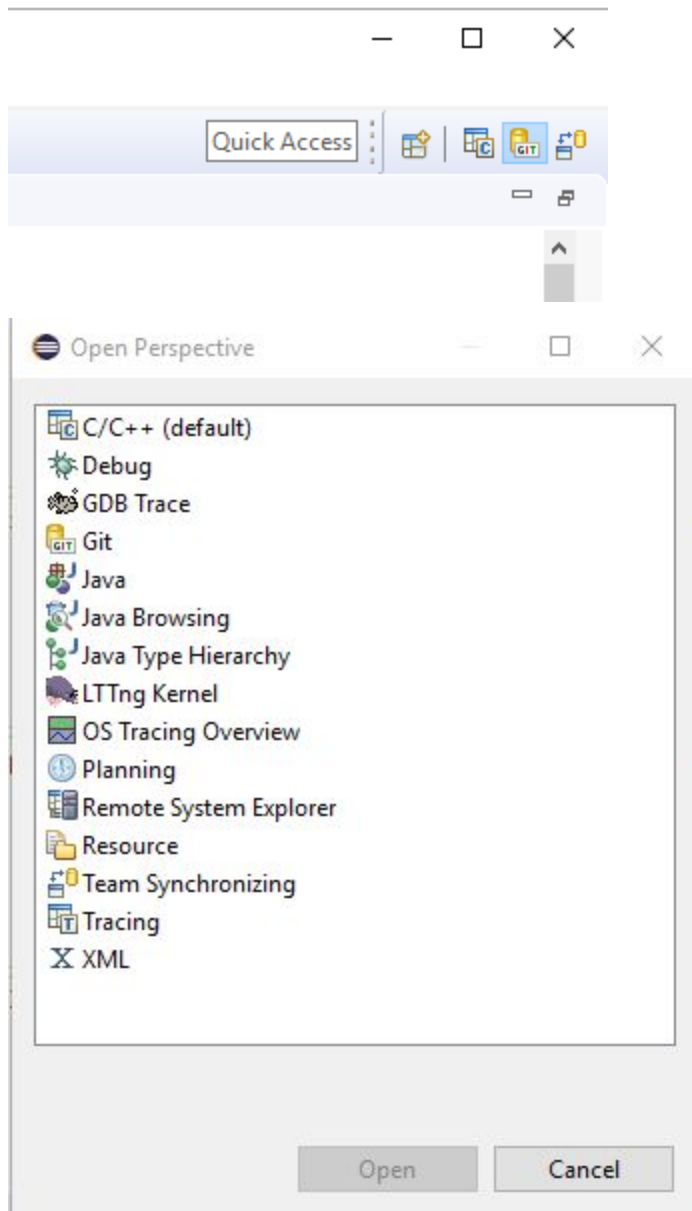
2018 Source Code Control using Git

In Eclipse, load the initial source tree from the master branch

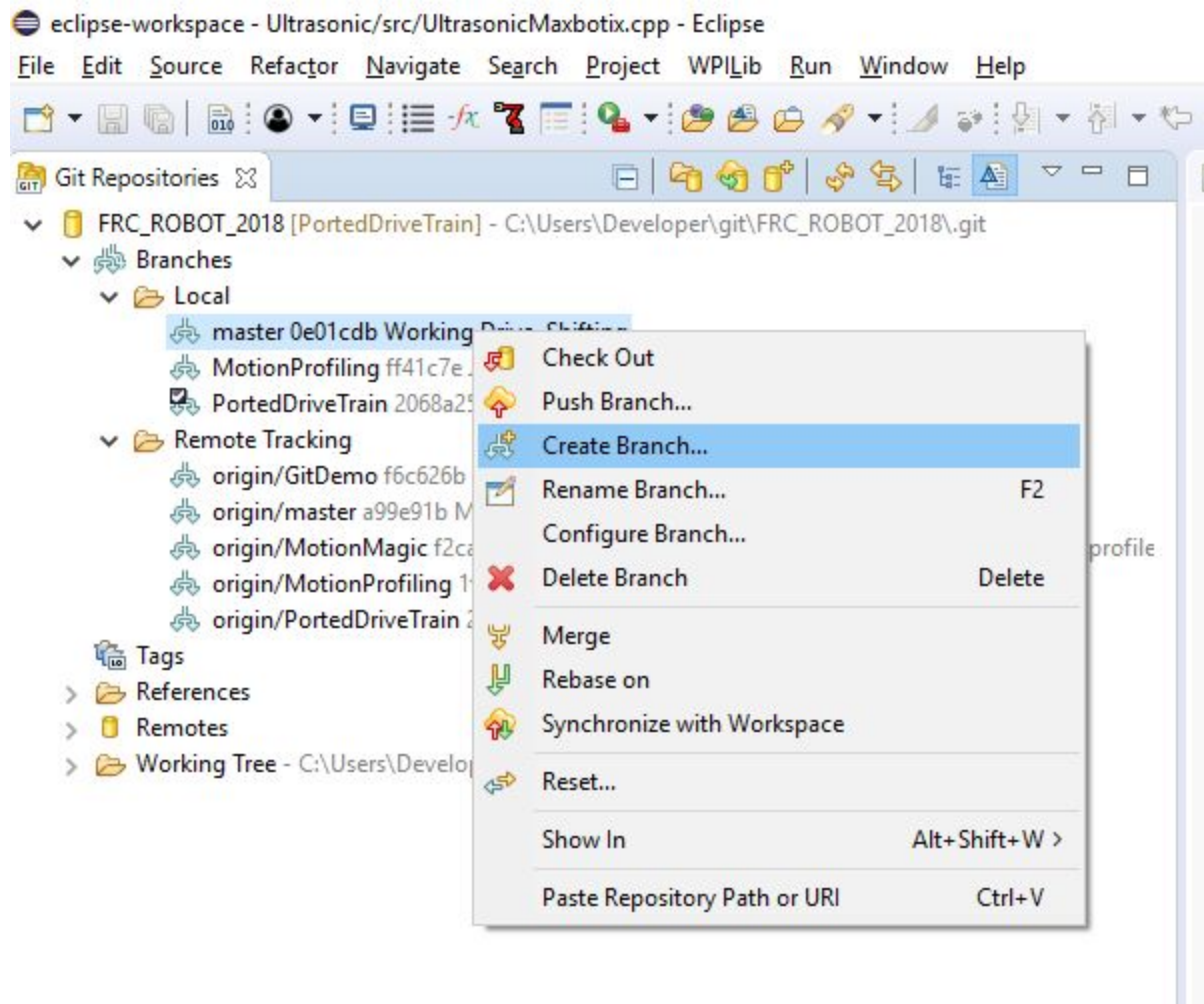
TBD step by step initial load

Switch to the Git perspective

Use the Git toolbar button if available, or click the perspective toolbar button.



In the tree, expand Branches node and Local node
Right click master, choose create branch



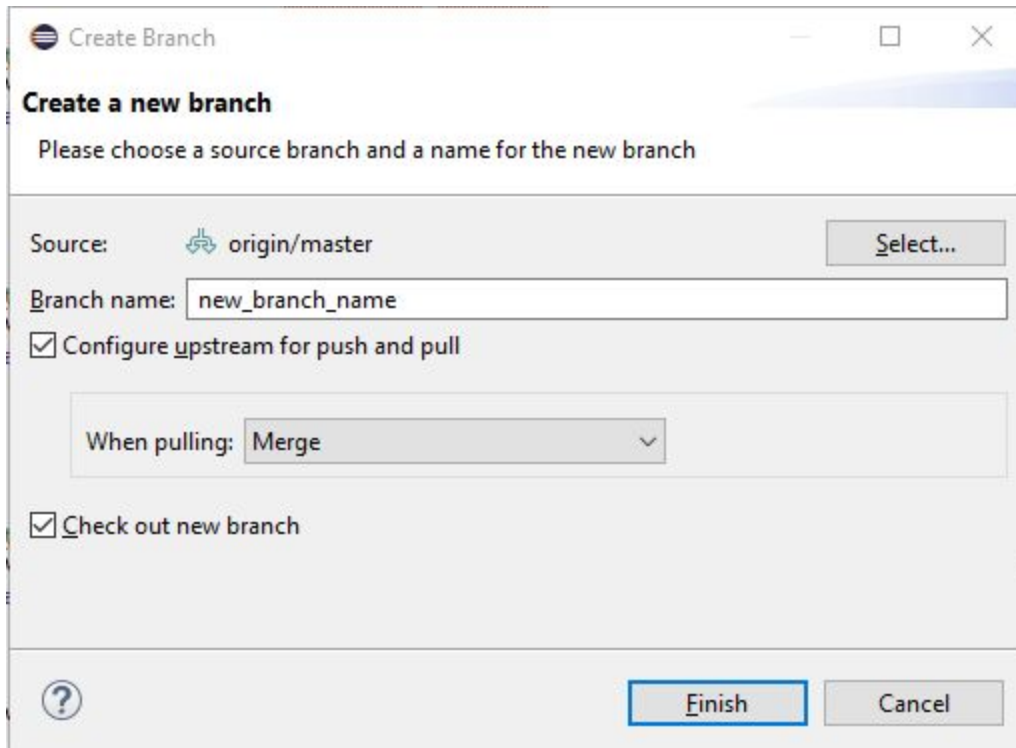
Enter branch name (spaces will be converted to underscores automatically)

Check the "Configure upstream for push and pull" checkbox

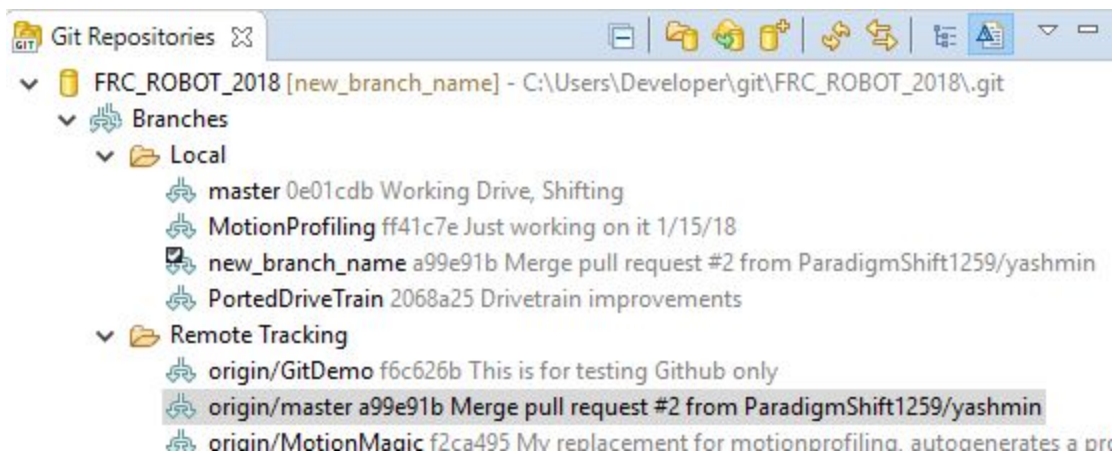
Set the "When pulling" combobox to Merge

Check the "Check out new branch" checkbox

Click finish



The new branch should be under the Local node in the tree and have a checkmark to show it is the checked out branch



Right click new branch node, choose Push branch

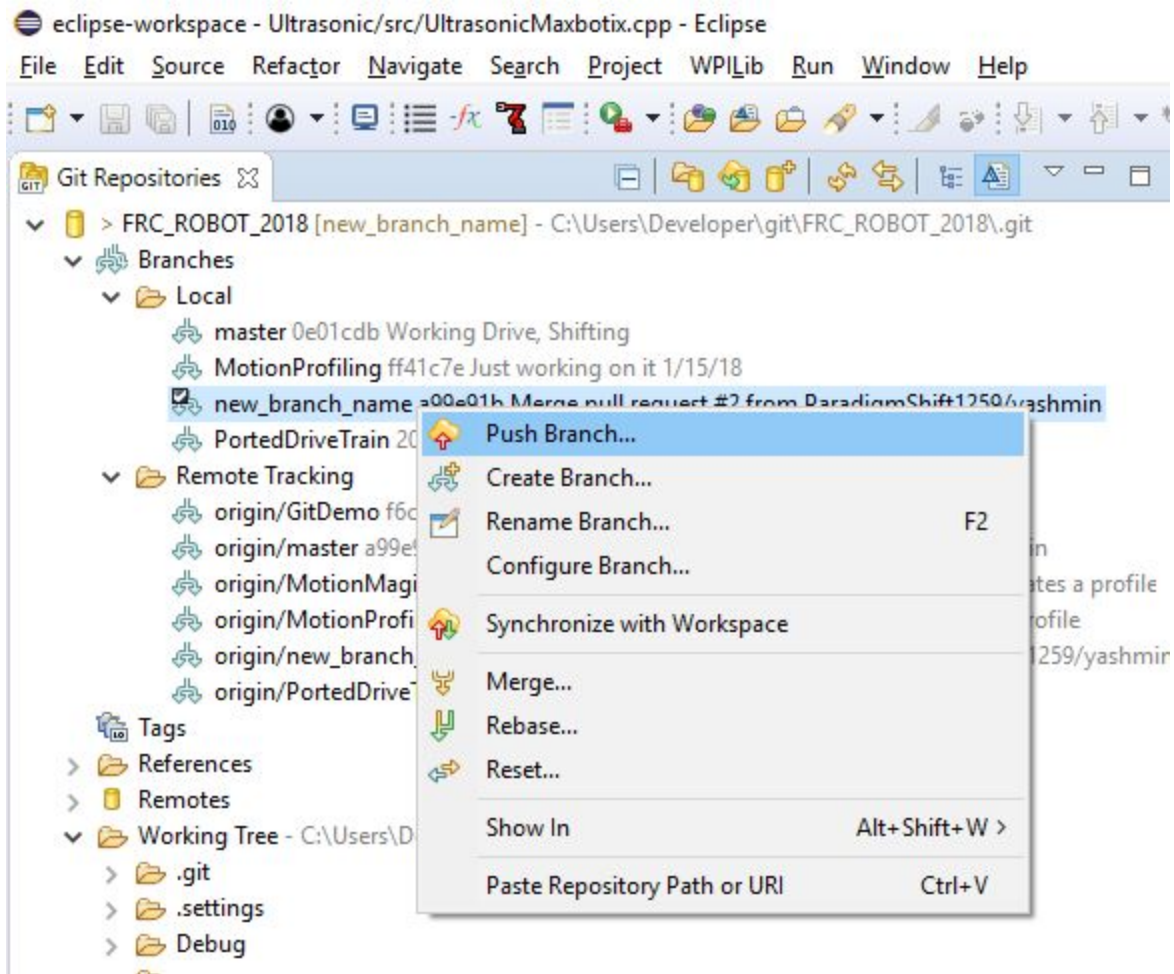
Under destination/Branch: type new branch name (spaces will be converted to underscores automatically)

Check the "Configure upstream for push and pull" checkbox

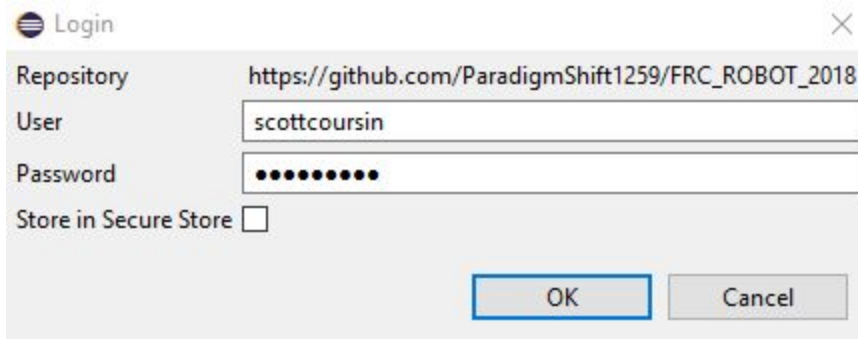
Set the "When pulling" combobox to Merge

Uncheck the "Force overwrite branch in remote if it exists and has diverged" checkbox

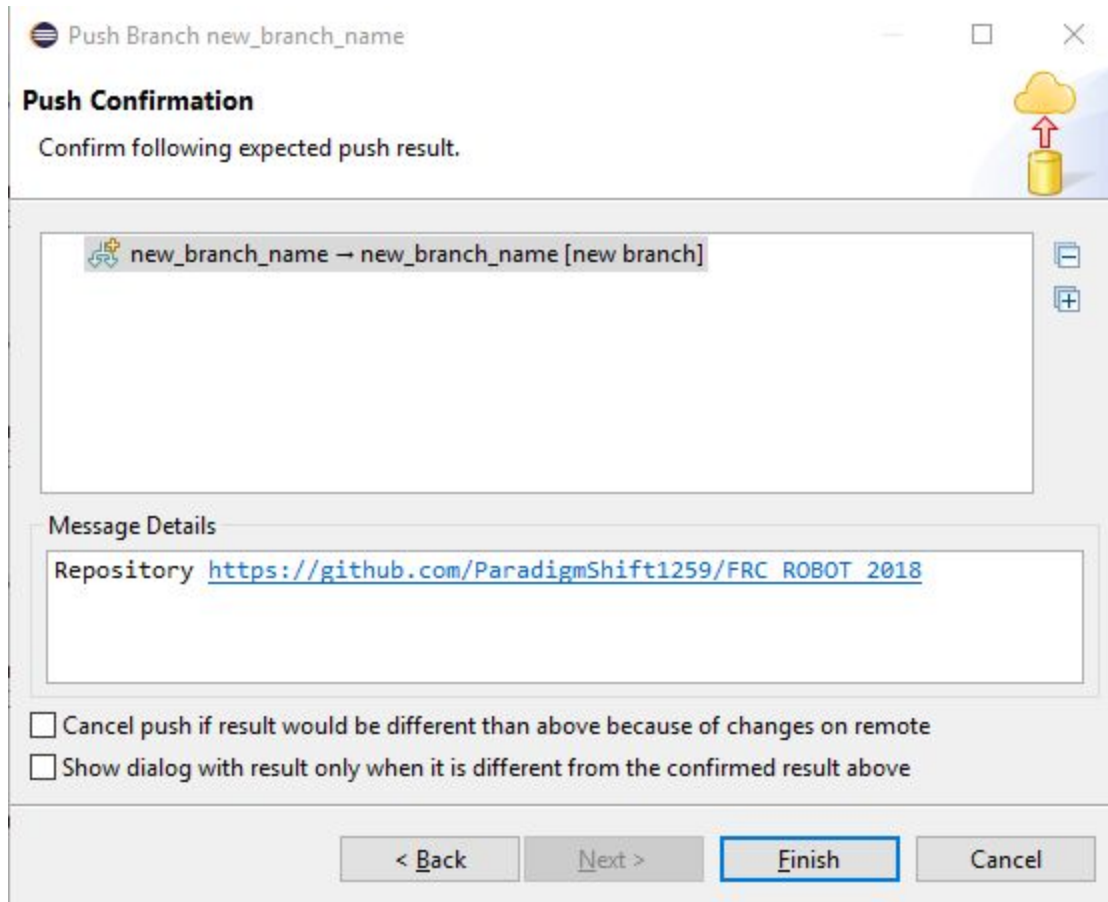
Click Next



Log in to complete the push (you may have to log in twice)



On the Push Confirmation dialog, click Finish




On the Push Results dialog, click Close

 Push Results: https://github.com/ParadigmShift1259/FRC_ROBOT_2018



Pushed to https://github.com/ParadigmShift1259/FRC_ROBOT_2018



 new_branch_name → new_branch_name [new branch]

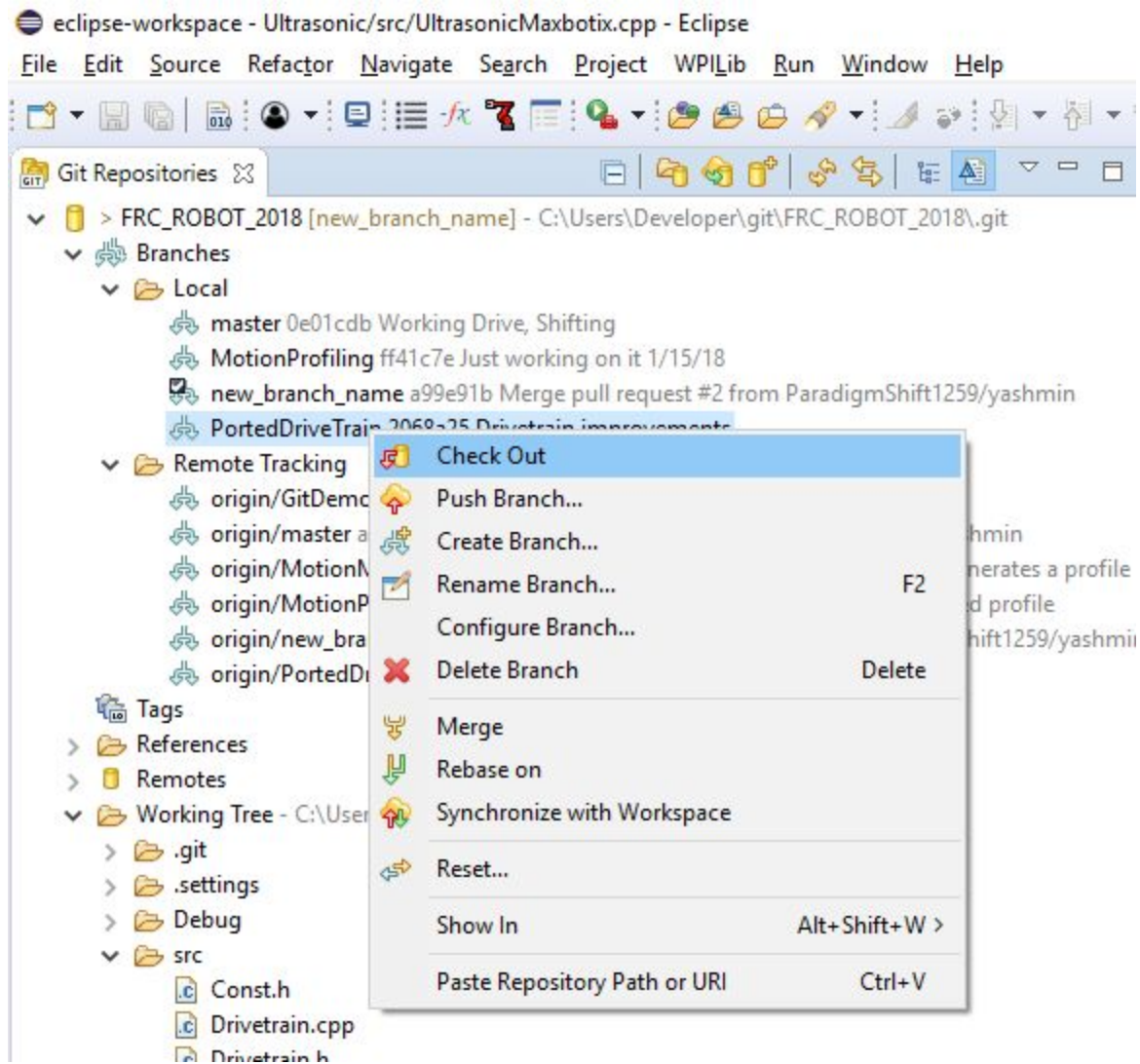


Message Details

Repository https://github.com/ParadigmShift1259/FRC_ROBOT_2018

Close

The black check mark should be on your new branch (if not, right click and choose check out)



Switch back to C++ view

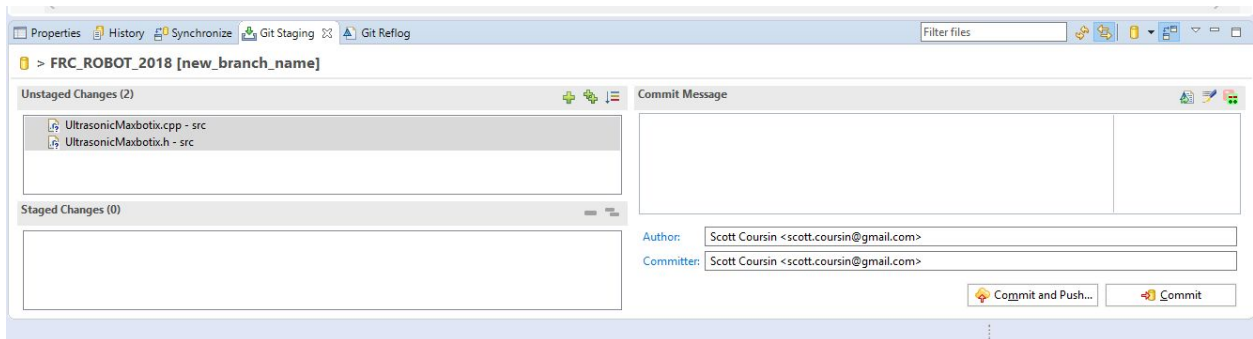


After you make changes

Switch to the Git perspective

In the staging tab

Select the unstaged files you want to commit



Click the toolbar button with the green plus (the button with 2 plus signs will stage all changed files so be careful)

Enter a commit message

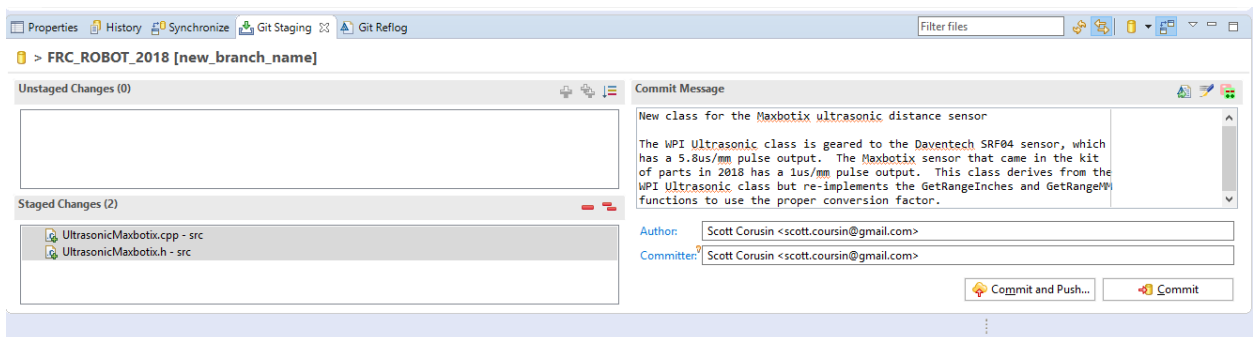
First line is a short description

Second line is blank

Third and rest of lines are for details

Set Author and Committer to the same thing (name and email: Scott Coursin <scott.coursin@gmail.com>)

Click the Commit and Push button to send the changes to the server (the commit only button saves the changes locally?)




Log in to Git to complete the commit

Go the the web site to ensure your commit contains all the changes

https://github.com/ParadigmShift1259/FRC_ROBOT_2018

CTRE_Phoenix: Main | ParadigmShift1259/F

 This repository Search Pu

ParadigmShift1259 / FRC_ROBOT_2018

<> Code

Issues 0

Pull requests 0

F

2018 FRC Robot for FIRST Powerup

Add topics

29 commits

5 branches

ParadigmShift1259 / FRC_ROBOT_2018

Watch 6 Star 0 Fork 0

<> Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

Branch: new_branch_name

Commits on Jan 25, 2018



New class for the Maxbotix ultrasonic distance sensor ...
scottcoursin committed 3 minutes ago



c109b94



Commits on Jan 13, 2018



Merge pull request #2 from ParadigmShift1259/yashmin ...
shardstealth committed 12 days ago

Verified



a99e91b



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Watch 6 Star 0 Fork 0

<> Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

Overview

Yours

Active

Stale

All branches

Search branches...

Default branch

master

Updated a day ago by shardstealth

Default

Change default branch

Your branches

new_branch_name

Updated 2 minutes ago by scottcoursin

16 | 1

New pull request



ParadigmShift1259 / FRC_ROBOT_2018

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Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

New class for the Maxbotix ultrasonic distance sensor

The WPILib Ultrasonic class is geared to the Dventech SRF04 sensor, which has a 5.8us/mm pulse output. The Maxbotix sensor that came in the kit of parts in 2018 has a 1us/mm pulse output. This class derives from the WPILib Ultrasonic class but re-implements the `GetRangeInches` and `GetRangeM` functions to use the proper conversion factor.

new_branch_name

scottcoursin committed 3 minutes ago

1 parent a99e91b commit c18994870cfaa8b5536a2b2d4fc57511b

Showing 2 changed files with 94 additions and 0 deletions.

Unified

View

```

54 src/ultrasonic/maxbotix.cpp
... @@ -0,0 +1,94 @@
1  #include <ultrasonic/maxbotix.h>
2  +
3  +// Create an instance of the Ultrasonic Maxbotix sensor.
4  +//
5  +// See Ultrasonic class in the WPILib library for argument documentation
6  +UltrasonicMaxbotix::UltrasonicMaxbotix(DigitalOutput* pingChannel, DigitalInput* echoChannel, DistanceUnit units) /* = kInches */
7  + : Ultrasonic(pingChannel, echoChannel, units)
8  + {
9  + }
10 +
11 +// Create an instance of the Ultrasonic Maxbotix sensor.
12 +//
13 +// See Ultrasonic class in the WPILib library for argument documentation
14 +UltrasonicMaxbotix::UltrasonicMaxbotix(DigitalOutput* pingChannel, DigitalInput* echoChannel, DistanceUnit units) /* = kInches */
15 + : Ultrasonic(pingChannel, echoChannel, units)
16 + {
17 + }
18 +

```

When all your changes are done and tested

On the Github web site, go to the ParadigmShift1259/FRC_ROBOT_2018 repository

If the current commit is highlighted with a (New?) Pull Request button, click it

ParadigmShift1259 / FRC_ROBOT_2018

Watch 6 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights Settings

2018 FRC Robot for FIRST Powerup

Add topics

14 commits 5 branches 0 releases 4 contributors MIT

Your recently pushed branches:

new_branch_name (2 minutes ago) Compare & pull request

Branch: new_branch_name New pull request

Create new file Upload files Find file Clone or download

If not, click Pull Requests, then click New Pull Request

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).



base: master



compare: new_branch_name

✓ Able to merge. These branches can be automatically merged.



New class for the Maxbotix ultrasonic distance sensor

Write Preview

AA B i “ > ↺ ⋮ ⋮ ⋮ ↶ @

The WPI Ultrasonic class is geared to the Davenport SRF04 sensor, which has a 5.8us/mm pulse output. The Maxbotix sensor that came in the kit of parts in 2018 has a 1us/mm pulse output. This class derives from the WPI Ultrasonic class but re-implements the GetRangeInches and GetRangeMM functions to use the proper conversion factor.

Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.

Styling with Markdown is supported

[Create pull request](#)

Reviewers



No reviews—request one

Assignees



No one—assign yourself

Labels



None yet

Projects



None yet

Milestone



No milestone

1 commit

2 files changed

If the Merge button turns green, assign another team member to review and merge the code

New class for the Maxbotix ultrasonic distance sensor #7

Edit

 **Open** scottcoursin wants to merge 1 commit into master from new_branch_name

Conversation 0

Commits 1

Files changed 2

+94 -0



scottcoursin commented a minute ago

Owner

+ 👤 ✎

The WPI Ultrasonic class is geared to the Davenport SRF04 sensor, which has a 5.8us/mm pulse output. The Maxbotix sensor that came in the kit of parts in 2018 has a 1us/mm pulse output. This class derives from the WPI Ultrasonic class but re-implements the GetRangeInches and GetRangeMM functions to use the proper conversion factor.

Reviewers



No reviews—request one

Assignees



shardstealth

Labels



None yet

Projects



None yet

Milestone



No milestone

Notifications

Unsubscribe

You're receiving notifications because you authored the thread.

New class for the Maxbotix ultrasonic distance sensor ...

c109b94

scottcoursin assigned shardstealth 22 seconds ago

Add more commits by pushing to the new_branch_name branch on ParadigmShift1259/FRC_ROBOT_2018.

 **This branch has no conflicts with the base branch**

Merging can be performed automatically.

Merge pull requestYou can also open this in [GitHub Desktop](#) or view [command line instructions](#).