

## Week Of 9/15/2024

**Meeting:** First official meeting of Python Turtle project. We created and submitted this semester's outline. We discussed what we were going to do for this semester and how it follows up from what was accomplished last semester, and how we will be organizing ourselves and distributing work throughout the semester.

Additionally, I downloaded a few documents for installing ROS2 on Windows later on.

## Week Of 9/22/2024

**Meeting:** Installed ROS2 for Windows and all its dependencies. Additionally, requested changes for the doc for installing ROS2 on Windows.

I began creating a repository on my laptop so that I'll be able to commit changes to the team's GitHub in the near future.

## Week Of 9/29/2024

### **Contributions:**

Commit Message: Updated OpenSSL section of Windows doc

Commit Summary: Updated the ROS2 Windows Installation guide to replace the OpenSSL section to have a much easier version.

<https://github.com/LucaVits/LearningROSWithPythonTurtle/commit/5dd6de6c120e204389fe6200551cb8092416cebf>

Commit Message: Merge branch 'main' of

<https://github.com/LucaVits/LearningROSWithPythonTurtle>

<https://github.com/LucaVits/LearningROSWithPythonTurtle/commit/1f3b5b9db4fe23f7a216b5cc2fcedb1ec0b44c19>

## Week Of 10/6/2024

**Meeting:** Discussed how the jupyter books will be structured. Decided that there will be an overarching notebook with an introduction, aim, and a few useful tips for using ROS2. This main jupyter book will then link to other jupyter books that will contain the actual step-by-step guides for installing ROS2. This is helpful so that we can all individually work on the books independently.

## Week Of 10/13/2024

**Meeting:** (Mostly) finished extending the ROS2 windows installation document to include a step 2 about installing and using turtlesim with ROS2.

**Contributions:**

Commit Message: Copied Windows doc, added turtle setup + functions

Commit Summary: I copied the ros2 windows installation doc and added a step 2 with another few sections for setting up and running turtlesim properly.

<https://github.com/LucaVits/LearningROSWithPythonTurtle/commit/45fbd88976af57d356d46bbae61ddf0caa1449bd>

## Week Of 10/20/2024

**Meeting:**

I went over the windows installation doc with step 2 step by step to see if I could perfectly replicate what I had written before. I have verified that the document is clear and makes sense.

**Contributions:**

Commit: Uploaded RCOS Journal (Version 1)

<https://github.com/LucaVits/LearningROSWithPythonTurtle/commit/859bc6bd118f33aa49fe5010ec14550297bb35c9>

Commit Message: Finished/refined step 2 of windows doc

Commit Summary:

- Clarified some potentially confusing information about remapping and moving the turtles.

- Added a section about properly closing turtlesim.

<https://github.com/LucaVits/LearningROSWithPythonTurtle/commit/b2afd0e70039ecd119153f30a85cf3a74e41409b>

## Week Of 10/27/2024

**Meeting:**

Officially began transferring over our documents to the jupyter book, making sure they stay easily navigable in the book. I also did further research on the workings of the Jupyter Book program.

**Contributions:**

Commit Message: Pictures for WinInstall Step 2

Commit Summary: Uploaded pictures of the turtlesim setup and use in the windows installation doc. This is for a smoother transfer to Jupyter Books

<https://github.com/LucaVits/LearningROSWithPythonTurtle/commit/3705bd8e7bf6e3229744fd2211f989e84c3ecef>

## Week Of 11/03/2024

### Meeting:

Continuation of the transfer to jupyter books. There was an issue where the images I had committed last week weren't appearing correctly. We had to do some research to figure out a fix, but we were able to find that we weren't linking the images correctly and they would just appear unembedded. However, this was only a problem with my images, which is why it was difficult to find a fix. I also helped with transferring the Docker tutorial.

## Week Of 11/10/2024

### Meeting:

Beginning to work on the expanded portions of the jupyter book to implement things that the ROS2 tutorial doesn't for additional inclusiveness, clarity, and interaction with the reader. We brainstormed how we'd organize the jupyter book and compiled a Google Doc as a collective outline.

### Contributions:

Commit Message: Updated About The Authors

Commit Summary: Added my profile picture to the About The Authors page.

<https://github.com/AlejandroBC/ros2-tutorial-book/commit/a1264ad53a0a2e09a8d1232377ea2191e8b454b6>

Commit Message: Included my linkedin and github links

Commit Summary: Added my linkedin and github in the about the authors section.

<https://github.com/AlejandroBC/ros2-tutorial-book/commit/e51621d908fb65eb215f1728169e9c9bf2dce0dc>

Commit Message: Added Services Portion

Commit Summary: Added some information about services in ROS2, and added this section to the table of contents.

<https://github.com/AlejandroBC/ros2-tutorial-book/commit/5d7c4b576b574449f62cdcc0f62c5348677e5e67>

Merge branch 'main' of <https://github.com/AlejandroBC/ros2-tutorial-book>

<https://github.com/AlejandroBC/ros2-tutorial-book/commit/cae0f1c6012851f8eac70ed03e372863074f19d1>

## Week Of 11/17/2024

**Meeting:**

Fully finished the Services chapter of the Jupyter Book. Began working on and doing research on ROS2 parameters to finish this chapter as well. We also began production of quizzes for the book so we can keep the reader engaged and to check for understanding. These quizzes would appear inside the actual chapters of the Jupyter Book.

**Contributions:**

Commit Message: Update services chapter

Commit Summary: Added an example of turtlesim service for clarity.

<https://github.com/AlejandroBC/ros2-tutorial-book/commit/f45f641d18b0a35dff54729095d9c9190c5b414d>

## Week Of 11/24/2024

**Meeting:**

Continued to work on the parameters section of the Jupyter Book. I also continued to help with the creation of certain quizzes for the book.

## Week Of 12/1/2024

**Contributions:**

Commit Message: Added Actions Section

Commit Summary: Added step-by-step info on ROS2 Actions with a visual guide. Added to Table of Contents as well.

<https://github.com/AlejandroBC/ros2-tutorial-book/commit/a998e6b9f3da0d50fdaeaac8f51ea2b51c485ed6>

Commit Message: Added Parameters Section

Commit Summary: Added information on ROS2 parameters with a few examples with images. Also deleted an unused gif.

<https://github.com/AlejandroBC/ros2-tutorial-book/commit/87dd4896285f34e048d8a0aeaa49243b5f7d159>

Commit Message: Added Jupyter Book Planning Doc

Commit Summary: A document we collectively developed to outline the full ROS2 Jupyter Book.

<https://github.com/LucaVits/LearningROSWithPythonTurtle/commit/a2def2a3172be44aa94cbbc4fc6ac78b714d0c58>