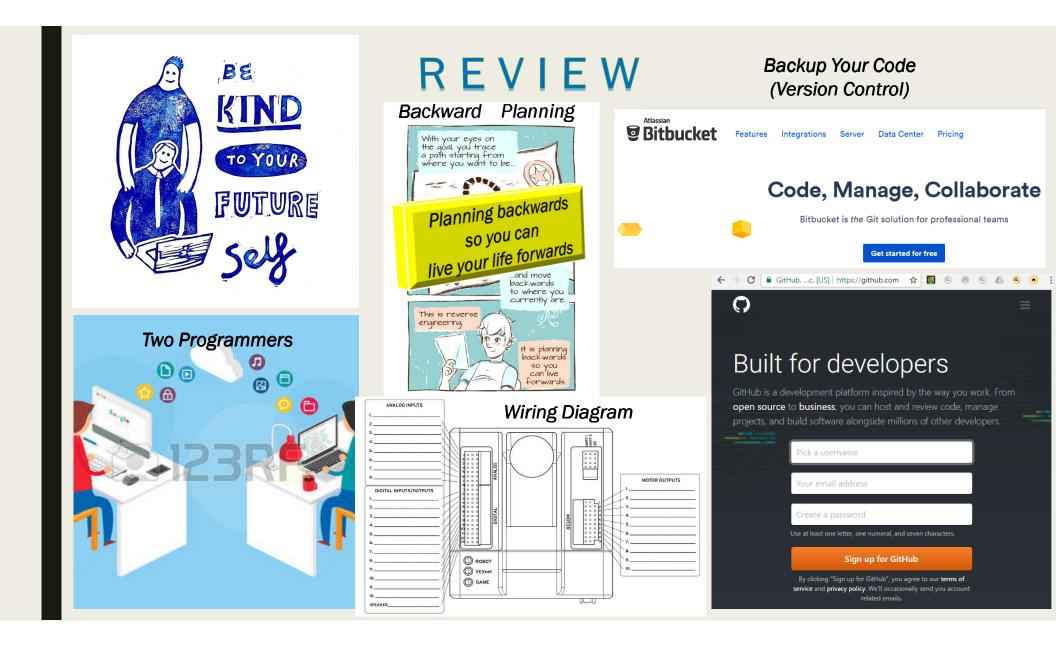
# Madagascar Penguins



# PROGRAMMING: BEST PRACTICES

Part 2 – Introduction to Git & GitHub



# **Today's Focus**

#### Two (or more) Programmers



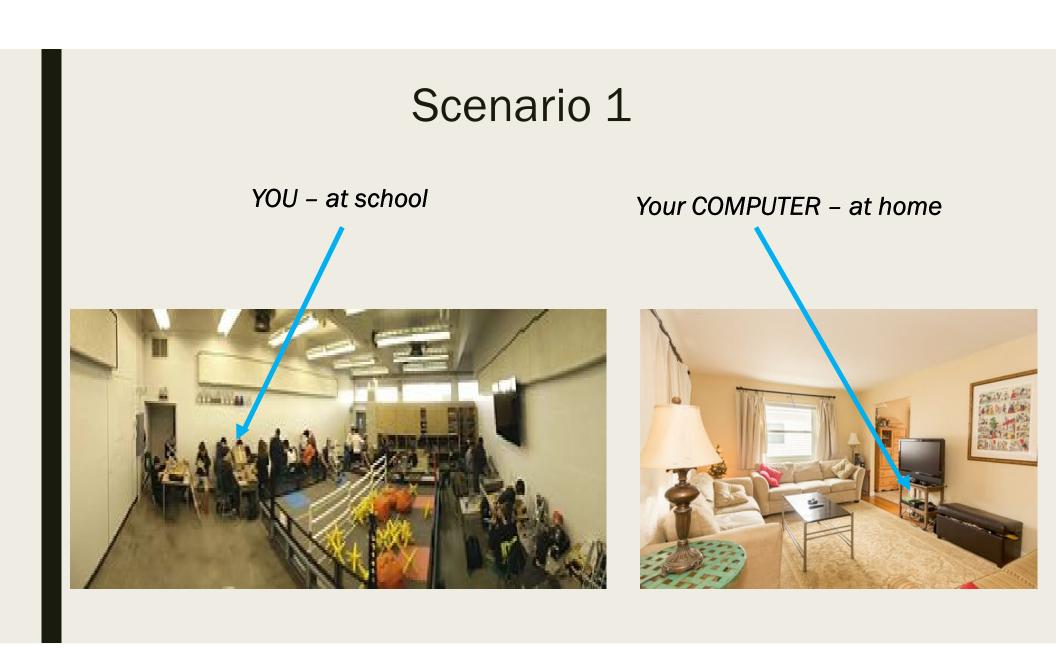
GitHub is a development platform inspired by the way you work. From open source to business, you can host and review code, manage projects, and build software alongside millions of other developers.

GitHub

Create a password

#### Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our terms of service and privacy policy. We'll occasionally send you account related emails.



Your computer crashes.....

FATAL ERROR ! ! !

All your files are gone to nevernever-land.





Code for Ultrasonic Sensor

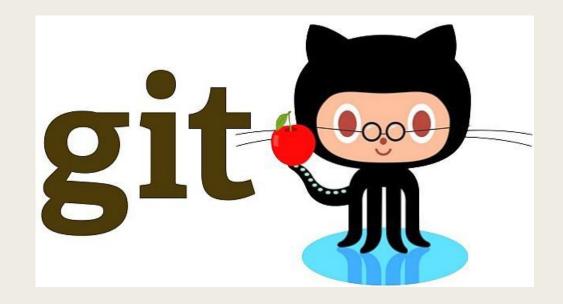


Code for Potentiometer

Comes to Robotics Academy on Day 1



Comes to Robotics Academy on Day 2

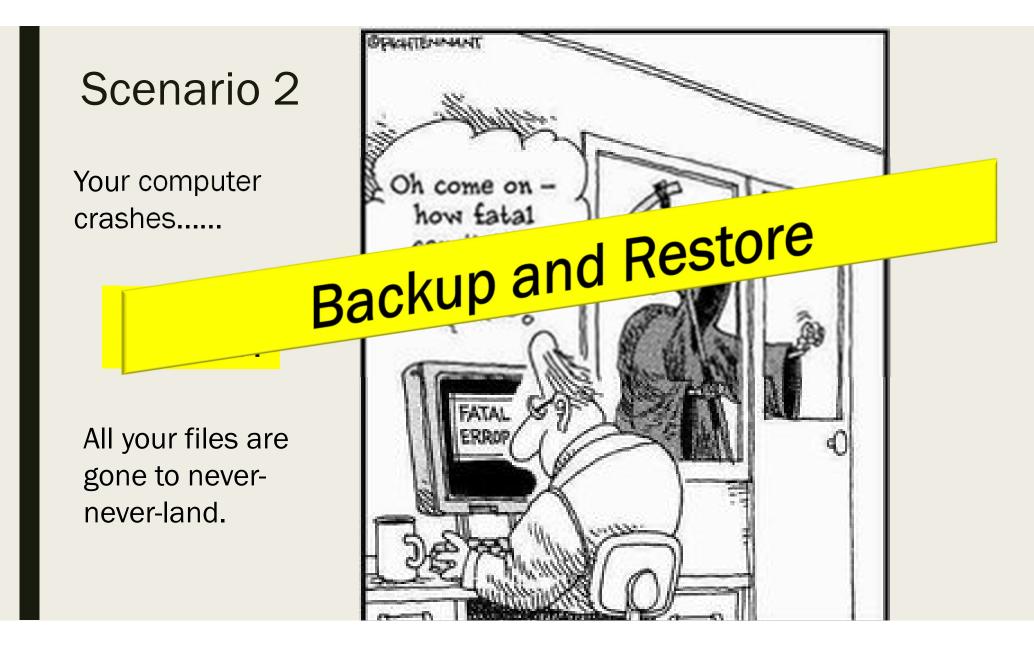


Software ("in the cloud") that allows you to:

- 1. Keep track of the history of your files, and any changes you make
- 2. Collaborate & work in teams to write code

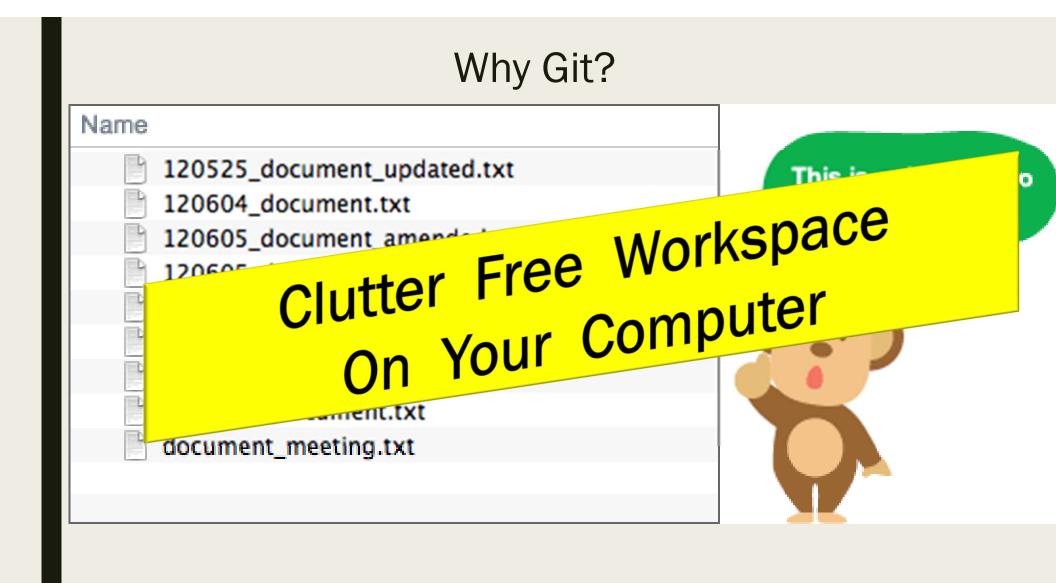
#### Why Git?

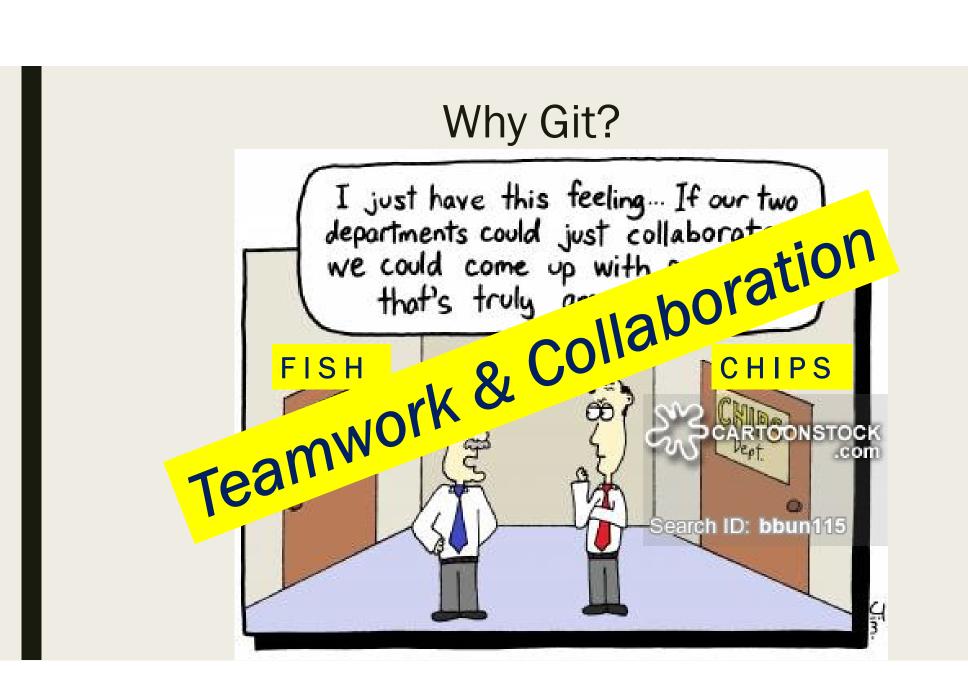


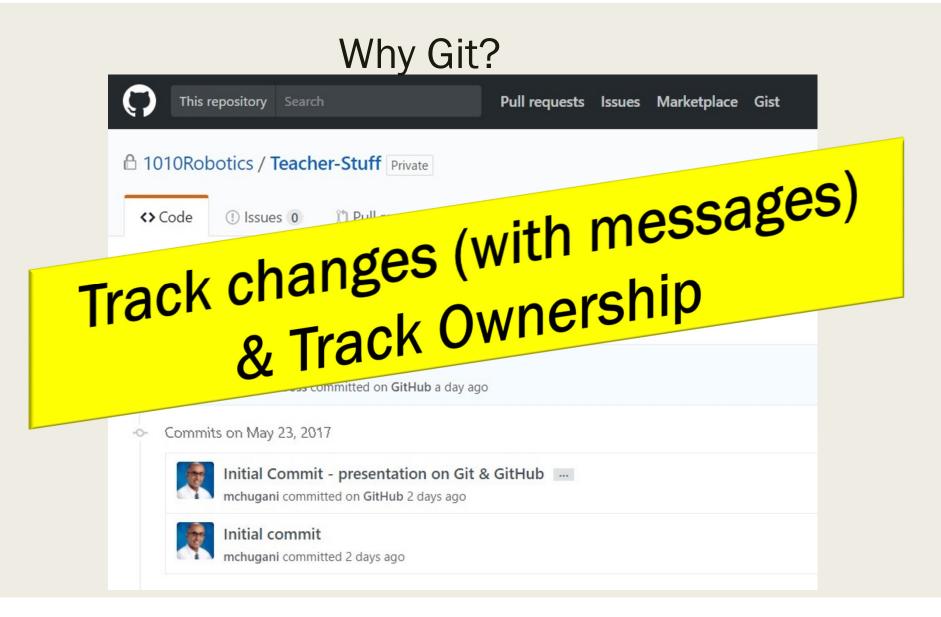


#### Why Git?









#### Why Git?



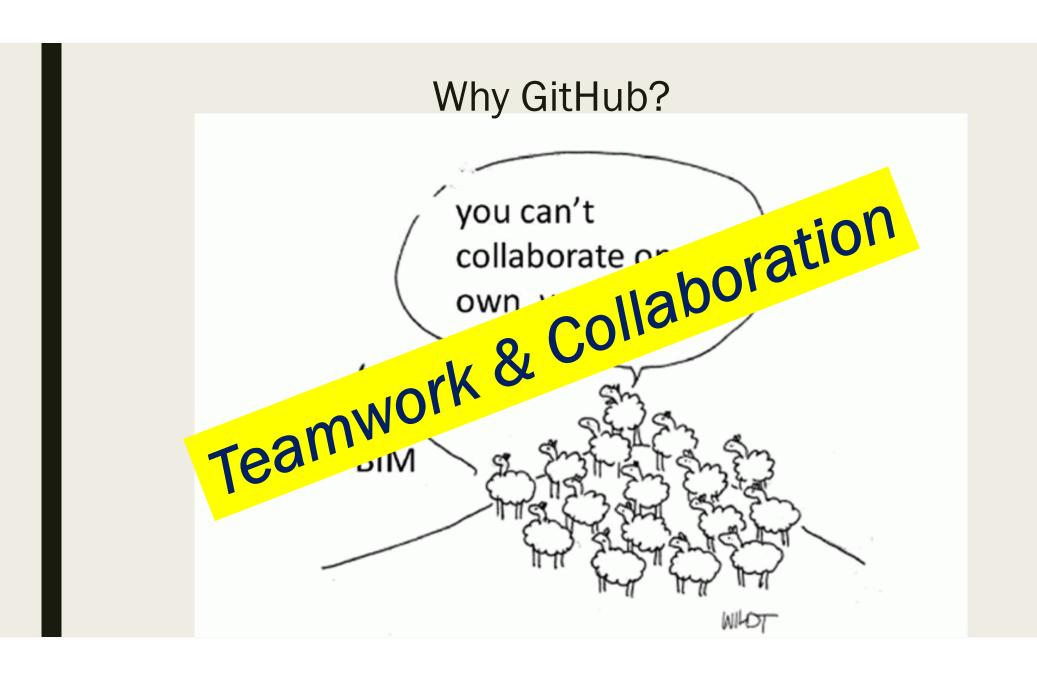


#### Why GitHub?

- If coming back to *Robotics Academy* next year we will be using GitHub
- If going to *University* some of your professors may be using GitHub
- Its catching on some of your Secondary School teachers may use GitHub next year
- When you go to work your *Employer* may be using GitHub

### Why GitHub?

1010Robotics.github.io b ×	
$\leftarrow \rightarrow \mathbb{C}$ Secure https://1010robotics.github.io	(a)
West Vancouver School District Robotics Academy What would you like to see on the 1010Robotics website	2
PRESENTATIONS : PDEs of closeroom presentations // RESOURCES What can you contribute? Showcase YOUR portfolio on YOUR web site	



### Your mission.....

- 1. Go to www.GitHub.com
- 2. Create your account username password photo
- 3. Choose free student account
- 4. Go to <a href="https://1010Robotics.GitHub.io">https://1010Robotics.GitHub.io</a>
- 5. Select a link, and click on <u>View on GitHub</u>
- 6. Submit an <u>Issue</u>

#### In Conclusion...

