CoderDojo
18 November 2017

Github and teams

18 - November

- Goal: To form teams and work on projects

- Today, we'll
  - Work a little more with github to set up repositories
  - Set up teams
  - Work on projects

Download

- Reminder: Do you have VSCode installed?
  - If not, install from: https://code.visualstudio.com/download
- Do you have github installed?
  - Install git software from https://git-scm.com/download/win
  - Install, take all the defaults.
  - Sign up with github.com – you'll need to supply a valid e-mail address
- These slides can be downloaded from https://github.com/tralee-coder-dojo/AdvancedNinjas/CoderDojo18November.pdf

Putting Files into a repository

- Create a repository on github. You will see a page of instructions come up

- Create an empty folder to work in

- Navigate to that folder, right-click and run 'git bash here'

Putting Files into a repository

- Type in the following commands. Remember the blanks!
  - echo "README.md" >> README.md

  - git init .

  - git commit –m "first commit"
  - git remote add origin "THEURLFROMTHEWEBPAGE"
    - THEURLFROMTHEWEBPAGE is the URL shown on the web page where you created the repository – just copy it and paste using right-click or ctrl-v
  - git push –u origin master
- If everything works, you'll see "README.md" in your repository!

Teams

- Choose some partners for your team, up to 4 no fewer than 2
- Teams will create a game and work on it together
- We'll vote for the best game at the final meeting
- Best game gets a prize!
- You can't vote for your own game

Old samples location

- Various code samples can be found at
  - https://github.com/tralee-coder-dojo/AdvancedNinjas
  - Download NinjaFiles.zip

Now, write some code…

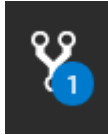Feel free to use the samples, or anything you might find online.

There are many Javascript games out there, search with google

      Suggestion: short! Simple!

If you choose another language, or not to use VSCode, no problem!

Go crazy (writing code!)

Backup – adding and sharing code in Github

- Once you've created your application in VSCode:
  - You will see the 'source control' icon light up

  - Click the check mark, enter a comment
  - Commit the changes
  - From the source control '…':
    - Push to(…)
    - Push to the repo you created
    - See the files there in github (log back in, navigate to your repos)

Backup – adding and sharing code in Github

- Teammates can then:
  - Create empty directories
  - Navigate to them, right-click 'git bash here'
    - git init .
  - git remote add origin "THEURLFROMTHE REPOSITORY"
  - THEURLFROMTHEREPOSITORY is the URL shown on the web page where one of you created the repository – just copy it and paste using right-click or ctrl-v
  - git clone