

CoderDojo

18 November 2017

Github and teams

18 - November

- Goal: To learn and use more Javascript features
- 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.

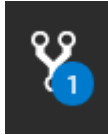
There are many Javascript games out there, search with google

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`

