Hello GIT!

Let's play with GIT in couples

Basic Setup

1. download git http://git-scm.com/download/win
2. run and install, put git in your path
3. run git (from anywhere now!)
4. git config --global user.name "John Doe"
5. git config --global user.email johndoe@example.com

Lesson 1 - Local Repo

1. In your dev folder, have the basic project:
   a. tempfile.txt
   b. getRandomNum.js
2. git init
3. cd .git & dir
4. (we can delete the .git folder and do that again)
5. Now we want to synch it with a remote repo (github, bitbucket, etc)
6. login to github
7. create a new repo (its common to use the folder name)
8. git remote add origin http://
9. git remote -v
10. Check on github to see your files

Lesson 2 - git clone, add, commit and push

1. (Caution!) Delete your local project
2. In your dev folder run git clone <repo url>
3. Git status
4. Fix a bug in the file utils.js
5. git status
6. See that the file is modified and is not (yet) staged for commit
7. Add all to staging area:
   git add –A
8. git status
9. Lets commint our changes:
   git commit -m "..."
10. git status
11. Lets push it to the remote repo:
    git push
12. git status
13. Check to see your changes and commit in github
14. Add a new file:
    getRandomColor()
15. Delete the tempfile.txt

16. git status
17. git add –A
18. Git commit –m "Cleanup the project and added getRandomColor"
19. Git status
20. Git push
21. Check in github

Lesson 3 – Add a README markdown file

1. Inside your project, create a README.md file
   See the syntax here: https://en.support.wordpress.com/markdown-quick-reference/
2. git add README.md
3. git commit –m "…"
4. git push
5. see in github

Lesson 4 – git pull

1. Now (gently), try to work together on the same repo, example:
2. Another team member has:
   a. added a new file
   b. changed the README.md

   But you cant see it, so run:

   git pull

   Note: git pull === git fetch && git merge

Lesson 5 – merging a conflict

1. Change the same line (can be a comment line with the name of the last author)
2. Merge the changes

Notes

We are not using branches yet, so when you google, ignore all checkout commands