

- Create a Git repository using the cheat-sheet commands

```
dan@juli:~$ git init
Reinitialized existing Git repository in /home/dan/.git/
dan@juli:~$ git config --global user.name
Daniel Silva
dan@juli:~$ git config --global user.email
silvadan@netc.fr
dan@juli:~$
```

- Edit "Student" file to include your own Student Name & Student ID

```
dan@juli:~$ touch Students.txt
```

```
dan@juli:~$ vi Students.txt
dan@juli:~$ cat Students.txt
Daniel Silva
100679066
dan@juli:~$
```

- Commit changes

```
dan@juli:~$ git push -u
Username for 'https://github.com': thedansilva
Password for 'https://thedansilva@github.com':
Branch 'master' set up to track remote branch 'master' from 'origin'.
Everything up-to-date
dan@juli:~$
```

thedansilva adding students.txt		Latest commit 3aa7a0f 1 minute ago
Students.txt	adding students.txt	1 minute ago
file.txt	test	12 minutes ago

- Create IgnoreExample.txt
- Edit content of IgnoreExample.txt
- Use git status and screenshot the outcome
- Commit changes

```

dan@juli:~$ touch IgnoreExample.txt
dan@juli:~$ git add IgnoreExample.txt
dan@juli:~$ git push -u
Branch 'master' set up to track remote branch 'master' from 'origin'.
Everything up-to-date
dan@juli:~$ git commit -m "adding ignoreexample"
[master c3b7ef4] adding ignoreexample
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 IgnoreExample.txt

```

thedansilva adding ignoreexample		Latest commit c3b7ef4 1 minute ago
IgnoreExample.txt	adding ignoreexample	1 minute ago
Students.txt	adding students.txt	5 minutes ago
file.txt	test	16 minutes ago

- Add IgnoreExample.txt to .gitignore file

```

dan@juli:~$ git config --global core.excludesfile .gitignore

```

- Edit content of IgnoreExample.txt
- Use git status and screenshot the outcome

```

dan@juli:~$ vi .gitignore
dan@juli:~$ git push
Everything up-to-date
dan@juli:~$ git commit -m "ignoring IgnoreExample"

```

```

dan@juli:~$ vi IgnoreExample.txt
dan@juli:~$ cat IgnoreExample.txt
Editing IgnoreExample
dan@juli:~$ git status
warning: could not open directory '.gvfs/': Permission denied
warning: could not open directory '.dbus/': Permission denied
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   IgnoreExample.txt

```


- Create a new branch using git branch
- Switch to new branch

```
dan@juli:~$ git branch newBranch
dan@juli:~$ git branch -a
* master
  newBranch
  remotes/origin/master
dan@juli:~$ git checkout newBranch
M       IgnoreExample.txt
Switched to branch 'newBranch'
```

- Edit BranchExample.txt (create this if not present) via notepad
- Use git add for update branch example, commit and use notepad command again

```
dan@juli:~$ touch BranchExample.txt
dan@juli:~$ git add BranchExample.txt
dan@juli:~$ git push --set-upstream origin newBranch
Counting objects: 2, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 240 bytes | 240.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'newBranch' on GitHub by visiting:
remote:   https://github.com/SPM-OT/lab-1-thedansilva/pull/new/newBranch
remote:
To https://github.com/SPM-OT/lab-1-thedansilva.git
 * [new branch]      newBranch -> newBranch
Branch 'newBranch' set up to track remote branch 'newBranch' from 'origin'.
dan@juli:~$ git push
Everything up-to-date
```

Your recently pushed branches:

 **newBranch** (less than a minute ago)

 [Compare & pull request](#)

Default branch

master Updated 4 minutes ago by thedansilva

Default

Your branches

newBranch Updated 1 minute ago by thedansilva

0 | 1

 [New pull request](#)



- Switch back to master branch

```
dan@juli:~$ git checkout master
M       IgnoreExample.txt
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
dan@juli:~$ touch MasterExample.txt
dan@juli:~$ git push
Everything up-to-date
```

```
dan@juli:~$ touch RemoveExample.txt
dan@juli:~$ git add RemoveExample.txt
dan@juli:~$ git commit -m "adding removeexample"
[master 4528bfa] adding removeexample
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 RemoveExample.txt
dan@juli:~$ git push
Counting objects: 2, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 231 bytes | 231.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/SPM-OT/lab-1-thedansilva.git
c3b7ef4..4528bfa master -> master
dan@juli:~$
```

- Remove RemoveExample.txt (create one first if not present)
- Commit
- Use git status and screenshot outcome

```
dan@juli:~$ git rm --cached RemoveExample.txt
rm 'RemoveExample.txt'
dan@juli:~$ git commit -m "removing RemoveExample.txt"
[master 8448d9b] removing RemoveExample.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 RemoveExample.txt
dan@juli:~$ git push
Counting objects: 2, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 232 bytes | 232.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/SPM-OT/lab-1-thedansilva.git
4528bfa..8448d9b master -> master
dan@juli:~$
```

```
dan@juli:~$ git status
warning: could not open directory '.gvfs/': Permission denied
warning: could not open directory '.dbus/': Permission denied
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   IgnoreExample.txt
```

- Use clean command to remove file completely

```
dan@juli:~$ git clean -n
Would remove .ICEauthority
Would remove .Xauthority
Would remove .bash_history
Would remove .bash_logout
Would remove .bashrc
Would remove .dmrc
Would remove .git-credentials
Would remove .gitconfig
Would remove .lessht
Would remove .problem1.java.swp
Would remove .profile
Would remove .recently-used
Would remove sudo as admin successful
```

- Use git status and screenshot outcome

```

dan@juli:~$ git status
warning: could not open directory '.gvfs/': Permission denied
warning: could not open directory '.dbus/': Permission denied
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   IgnoreExample.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        .ICEauthority
        .Xauthority
        .bash_history
        .bash_logout
        .bashrc
        .byobu/
        .cache/
        .config/
        .dmrc
        .gimp-2.8/
        .git-credentials
        .gitconfig

```

- Use git add to add your word document with the screenshots to the repository
- Commit

```

dan@juli:~$ git add Screenshots.pdf
dan@juli:~$ git commit -m "adding Screenshots.pdf"
[master 5967a97] adding Screenshots.pdf
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Screenshots.pdf
dan@juli:~$ git push
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 348.59 KiB | 5.36 MiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/SPM-OT/lab-1-thedansilva.git
   8448d9b..5967a97  master -> master
dan@juli:~$ █

```

FINAL RESULTS:

SPM-OT / lab-1-thedansilva

Watch

1

Star

0

Fork

0

<> Code

Issues 0

Pull requests 0

Actions

Projects 0

Wiki

Security

Insights

lab-1-thedansilva created by GitHub Classroom

7 commits

2 branches

0 packages

0 releases

1 contributor

Your recently pushed branches:

newBranch (9 minutes ago)

Compare & pull request

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

thedansilva

removing file.txt as this was just a test file done before the lab st...

...

Latest commit c37e5a0 19 minutes ago

IgnoreExample.txt

adding ignoreexample

30 minutes ago

Screenshots.pdf

adding Screenshots.pdf

21 minutes ago

Students.txt

adding students.txt

34 minutes ago

Help people interested in this repository understand your project by adding a README.

Add a README