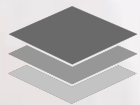




UI Engineering Studio. Day 4



Bootcamp: Git

Git

Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

- git-scm.com

Version Control

Git Commands

Branching Strategy

Pull Requests



UI Boot Camp: Git

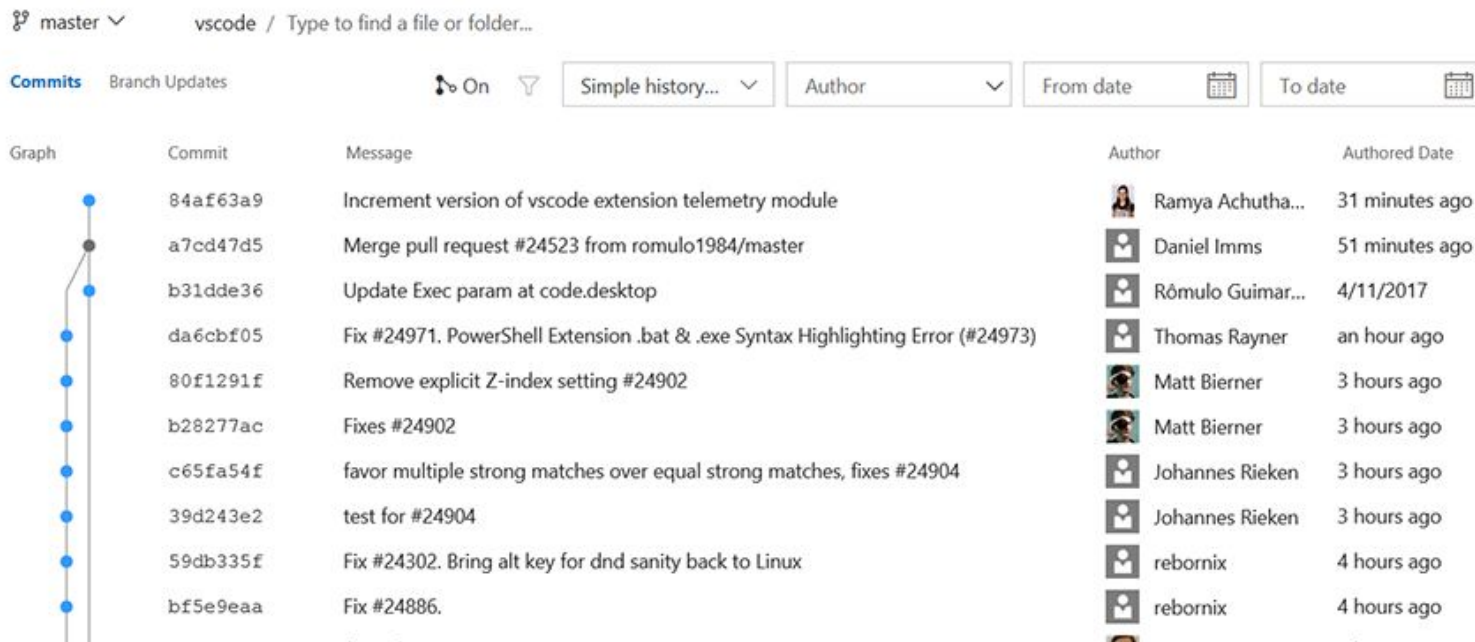
Version Control

Version control is a system that **records** changes to a file or set of files over time so that you can recall specific **versions** later.

- git-scm.com

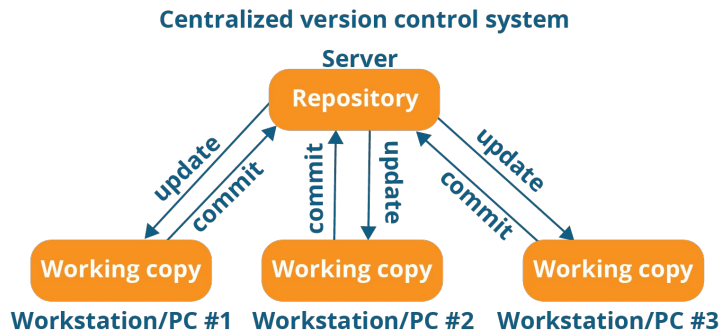
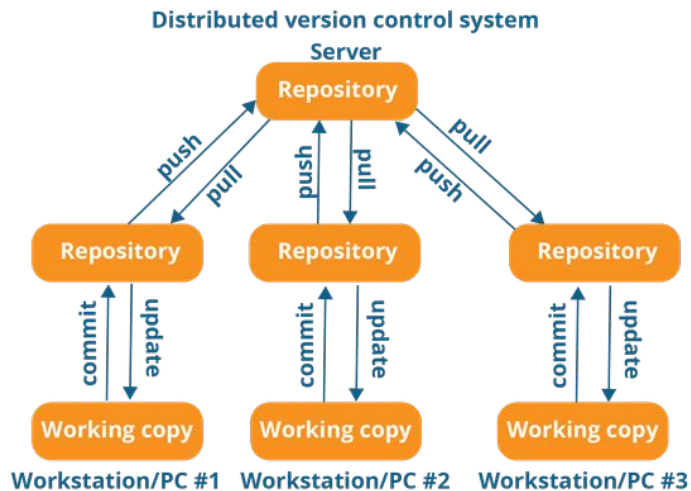
UI Boot Camp: Git

Version Control



UI Boot Camp: Git

Version Control: Centralized vs Distributed



UI Boot Camp: Git

Projects and Companies Using Git

Google

facebook

Microsoft

twitter

LinkedIn

NETFLIX



PostgreSQL



UI Boot Camp: Git

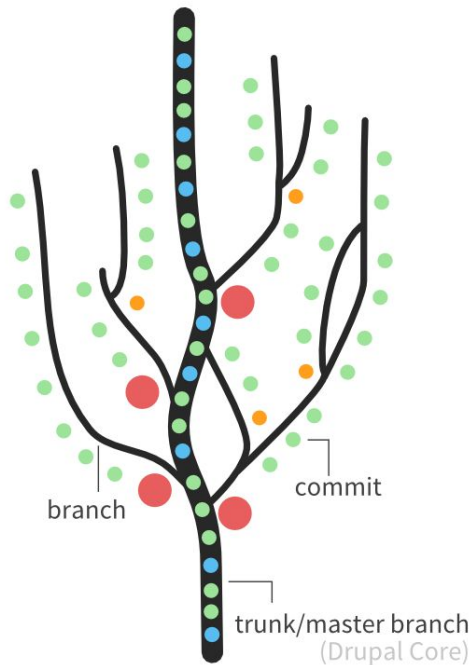
Git Repositories Managers



GitLab



UI Boot Camp: Git Repo tree



UI Boot Camp: Git

Git Commands: Starting

`git init`: You have a local folder and start a repo

`git clone`: You're going to download a remote repo

`git pull <remote> <branch_name>`: Downloading the latest changes of the branch

UI Boot Camp: Git

Git Commands: Setting up

`git remote add <name> <url>`: Adding a new remote url

`git config --global user.name "Sebas Alarcón"`: Setting up
commit author name

`git config --global user.email "sebas.alarcon@whatever.com"`:
Setting up commit author email

UI Boot Camp: Git

Git Commands: Adding to stage and committing

1. Change whatever you need to change
2. Check if you have local changes

`git status`: Showing which files were added, removed or changed

UI Boot Camp: Git

Git Commands: Adding to stage and committing

```
+!7% git status
# On branch master
#
# Initial commit
#
# Changes to be committed:
#   (use "git rm --cached <file>..." to unstage)
#
#       new file:   bar
#       new file:   foo
#
# 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:   bar
#
# Untracked files:
#   (use "git add <file>..." to include in what will be committed)
#
#       baz
```

UI Boot Camp: Git

Git Commands: Adding to stage and committing

3. Check if the changes that you have are correct
`git diff`: Showing the current changes of each file

UI Boot Camp: Git

Git Commands: Adding to stage and committing

```
--- a/app/controllers/application_controller.rb
+++ b/app/controllers/application_controller.rb
@@ -50,9 +50,9 @@ class ApplicationController < ActionController::Base
   # @playlists = user.nil? ? user.company.playlists.active : nil
   if user.nil?
     @playlists = nil if user.nil?
-   elsif current_user.role?(:admin)
+   elsif current_user.role?(:admin)
     @playlists = user.company.playlists.active
-   elsif (current_user.company.id == klif rescue false)
+   elsif (current_user.company.id == klif rescue false)
   else
     playlists = user.company.playlists.client_active
diff --git a/app/models/user.rb b/app/models/user.rb
index 102c41c..dbbdcda 100644
--- a/app/models/user.rb
+++ b/app/models/user.rb
@@ -28,7 +28,7 @@ class User < ActiveRecord::Base
   validates_uniqueness_of :email
   validates_presence_of :first_name, :last_name
-  validates_format_of :phone_number, :with => /\A(?:[0-9]{3})\)?[-. ]?(?:[0-9]{3})[-. ]?(?:[0-9]{4})$/, :allow_nil => true
+  #validates_format_of :phone_number, :with => /\A(?:[0-9]{3})\)?[-. ]?(?:[0-9]{3})[-. ]?(?:[0-9]{4})$/, :allow_nil => true
   validates_format_of :password,
     :with => /\A.*(?:.{6,})(?=.*[a-z])(?=.*[A-Z])(?=.*[\d\W]).*$/,
     :message => "must be at least 6 characters, have one number and one capital letter",
```

UI Boot Camp: Git

Git Commands: Adding to stage and committing

4. Stage your changes

`git add <files>`: Staging your changes. Remember the . and -A options

5. Commit your changes

`git commit -m "This is the commit message"`
`git commit`

UI Boot Camp: Git

Git Commands: Adding to stage, committing and pushing

6. Push your changes

```
git push <remote> <branch_name>
```

UI Boot Camp: Git

Git Commands: Creating and deleting a branch

1. Create the branch

```
git checkout -b <your_new_branch>
```

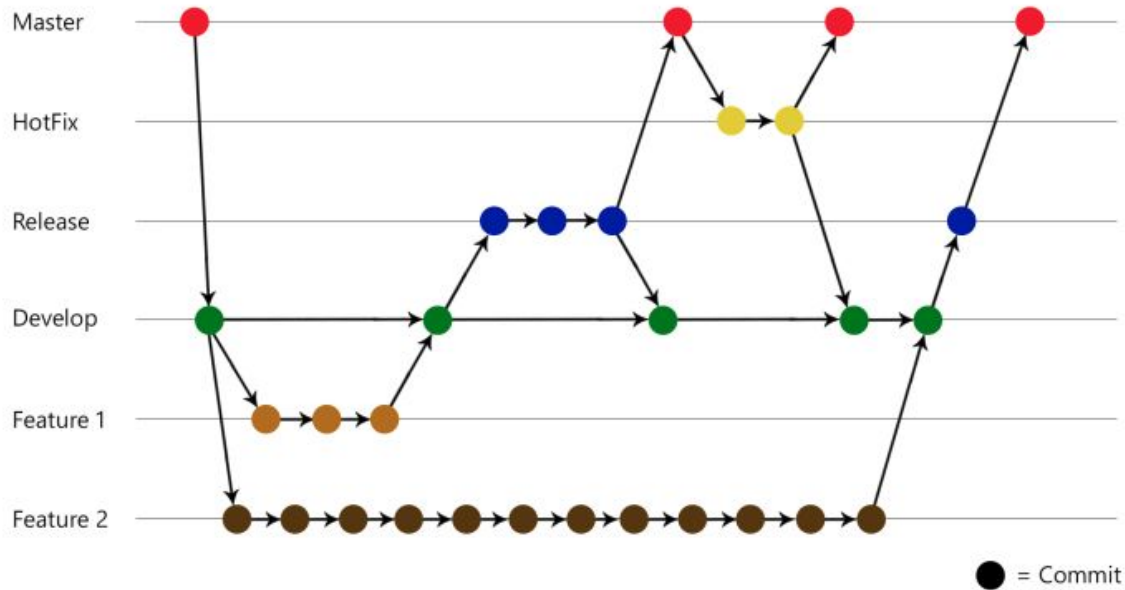
2. Check if everything is ok

```
git branch
```

3. You can delete the branch by using

```
git branch -d <your_new_branch>
```

UI Boot Camp: Git Branching Strategy



UI Boot Camp: Git Pull Requests



UI Boot Camp: Git Pull Requests

</> Code

! Issues 0

🔗 Pull requests 39

📁 Projects 0

📖 Wiki

📊 Insights

First time contributing to Globant-UI-
Engineering/Bootcamp?

[Dismiss](#)

If you know how to fix an [issue](#), consider opening a pull request for it.
[Learn more about pull requests](#)

Filters ▼

🔍 is:pr is:open

Labels

Milestones

New pull request

UI Boot Camp: Git Pull Requests

Compare changes

Compare changes across branches, commits, tags, and more below. If you need to, you can also [compare across forks](#).

base: master compare: master

Choose a base branch

branch, tag, commit, or history marker

- AlexanderOrtiz
- Armed-Diaz-C
- CarlosTovarB
- CristianBarreto
- CristianHernandez-Magazine
- CristianHernandez_Form
- DaniiloPlazas_Day2_MagazineCover
- DaniiloPlazas_Day3_FormHTML_a11y
- DianaAlvarez
- DominikOrtiz_Day3_MagazineCover
- Felipe_cover_magazine

Compare and review just about anything

Changes, and time ranges. In the same repository and across forks.

SAMPLE COMPARISONS	
DianaAlvarez	2 hours ago
DianaAlvarez	19 hours ago
CarlosTovarB	2 days ago
CristianHernandez_Form	3 days ago
DianaAlvarez	3 days ago
master@{1day}...master	24 hours ago

UI Boot Camp: Git

Pull Requests

The screenshot displays a GitHub Pull Request interface. At the top, a green 'Open' button is next to the text 'jvillamarin wants to merge 4 commits into master from JohnVillamarin_Day3_Form'. Below this, a navigation bar shows 'Conversation 0', 'Commits 4', 'Checks 0', and 'Files changed 2'. The main section shows 'Changes from all commits' with a 'Jump to...' dropdown and a summary of '+82 -5' changes. A 'Diff settings' dropdown and a green 'Review changes' button are also present. The diff view shows two files: 'bogota-july-2018/css-magazine-cover/homework.txt' and 'bogota-july-2018/css-magazine-cover/index.html'. The first file has a diff of '-1,5 +0,0 @@' and shows two lines of text being added. The second file has a diff of '-0,0 +1,82 @@' and shows two lines of HTML code being added. A comment box is visible for the first file, with a 'Write' tab selected and a 'Preview' tab. The comment box contains the text 'Leave a comment' and a placeholder for attaching files. Below the comment box are buttons for 'Cancel', 'Add single comment', and 'Start a review'.

Open jvillamarin wants to merge 4 commits into master from JohnVillamarin_Day3_Form

Conversation 0 Commits 4 Checks 0 Files changed 2

Changes from all commits Jump to... +82 -5

Diff settings Review changes

5 bogota-july-2018/css-magazine-cover/homework.txt Show comments View

... -1,5 +0,0 @@

1 -

2 -Develop in HTML & CSS a magazine cover.

Write Preview AA B i “ < > @

Leave a comment

Attach files by dragging & dropping, selecting them, or pasting from the clipboard.

Styling with Markdown is supported Cancel Add single comment Start a review

3 -

4 -Please create a folder with your name and place inside your project.

5 -Once you have it ready, create a Pull Request.

82 bogota-july-2018/css-magazine-cover/index.html View

... -0,0 +1,82 @@

1 <!DOCTYPE html>

2 <html lang="es">



UI Boot Camp: Git

Homework: Research and understand

1. git tags
2. git rebase vs git merge
3. git fetch
4. Git shortcuts