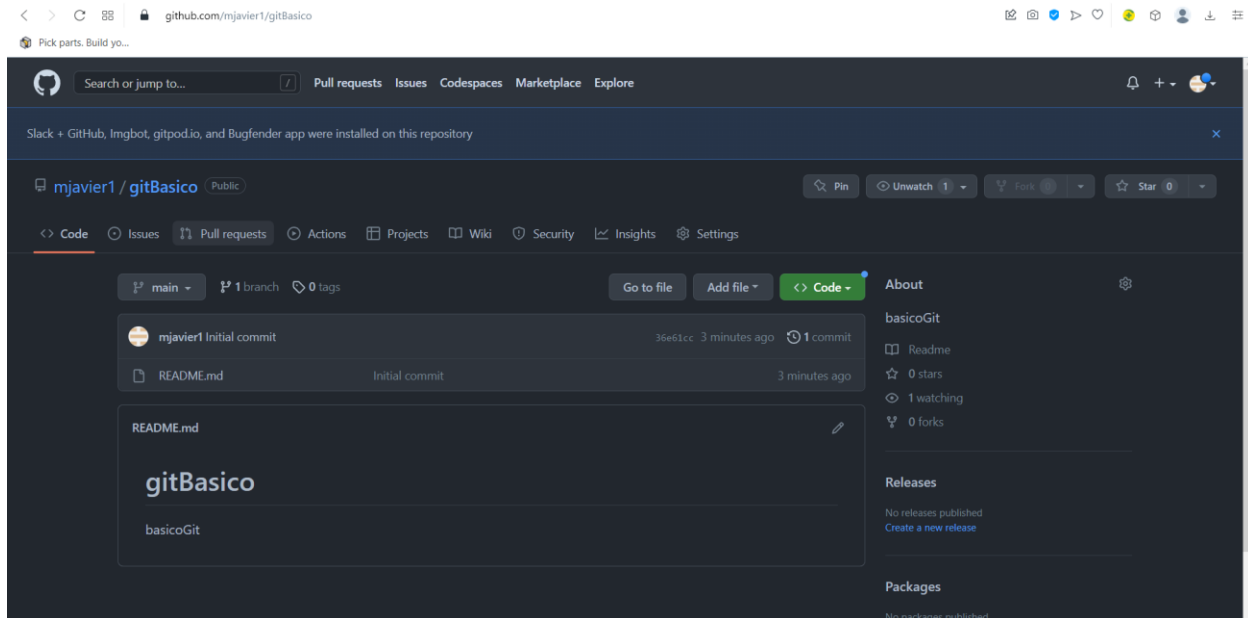


## Introduccion

Laboratorio basico de programacion es github y utilizando git es aprende su forma Plataforma.

Creando un repositorio github forma bien facil readme function github.

Code para usarlos git que es la terminal en commando.



## Git

```

mjagu@mjdevelop MINGW64 ~
$ cd Documents

mjagu@mjdevelop MINGW64 ~/Documents
$ ls
IISExpress/      'My Videos'@    'SQL Server Management Studio'/  hello.txt
'My Music'@      'My Web Sites'/'  access/
'My Pictures'@   'New folder'/'   agui.png

mjagu@mjdevelop MINGW64 ~/Documents
$ mk dir gitbasico
bash: mk: command not found

mjagu@mjdevelop MINGW64 ~/Documents
$ mkdir gitbasico

mjagu@mjdevelop MINGW64 ~/Documents
$ ls
IISExpress/      'My Videos'@    'SQL Server Management Studio'/  gitbasico/
'My Music'@      'My Web Sites'/'  access/                  hello.txt
'My Pictures'@   'New folder'/'   agui.png

mjagu@mjdevelop MINGW64 ~/Documents
$ cd gitbasico/

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico
$ pwd
/c/Users/mjagu/Documents/gitbasico

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico
$ git clone https://github.com/mjavier1/gitBasico.git
Cloning into 'gitBasico'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico
$ |

```

Main

```

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico
$ cd gitBasico/

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitBasico (main)
$ s

```

Crear archivos nuevo

Local

git init para inicial

git status verificar el estado git

tengo dircles ahora que anadir text

```
mjagu@jdevelop MINGW64 ~/Documents (master)
$ git status
warning: could not open directory 'My Music/': Permission denied
warning: could not open directory 'My Pictures/': Permission denied
warning: could not open directory 'My Videos/': Permission denied
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    IISExpress/
    My Web Sites/
    access/
    agui.png
    gitbasico/
    hello.txt
    local/

nothing added to commit but untracked files present (use "git add" to track)

mjagu@jdevelop MINGW64 ~/Documents (master)
$ ls
IISExpress/  'My Videos'@  'Sql Server Management Studio'/  gitbasico/
'My Music'@  'My Web Sites'/  access/  hello.txt
'My Pictures'@  'New Folder'/'  agui.png  local/

mjagu@jdevelop MINGW64 ~/Documents (master)
$ cd local

mjagu@jdevelop MINGW64 ~/Documents/local (master)
$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
e
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in C:/Users/mjagu/Documents/local/.git/

mjagu@jdevelop MINGW64 ~/Documents/local (master)
$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
```

Anadir

git add hello.txt.txt

git add . es para anadir todos

otras vez para verificar si esta todos bien funcionado

git status

fotos

```
MINGW64/c/Users/mjagu/Documents/local
nothing added to commit but untracked files present (use "git add" to track)
mjagu@mjdevelop MINGW64 ~/Documents (master)
$ ls
IISExpress/  'My Videos'@  'SQL Server Management Studio'/  gitbasico/
'My Music'@  'My Web Sites'/  access/  hello.txt
'My Pictures'@  'new folder'/'  agu1.png  local/
mjagu@mjdevelop MINGW64 ~/Documents (master)
$ cd local
mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:   git branch -m <name>
Initialized empty Git repository in c:/Users/mjagu/Documents/local/.git/
mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git status
On branch master

No commits yet

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

nothing added to commit but untracked files present (use "git add" to track)
mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ ls
hello.txt.txt
mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git add hello.txt.txt
mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   hello.txt.txt
mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$
```

Primero creo repositorio github despues le digo a donde commando

git push <https://github.com/mjavier1/local.git>

```
MINGW64/c/Users/mjagu/Documents/local
mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git commit -m "agregado documnts"
[master (root-commit) ea6c8e5] agregado documnts
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 hello.txt.txt

mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git status
On branch master
nothing to commit, working tree clean

mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git push https://github.com/mjavier1/local.git
fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream https://github.com/mjavier1/local.git master

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git push https://github.com/mjavier1/local.git
```

Publicado código

```
MINGW64:/c:/Users/mjagu/Documents/local
upstream, see 'push.autoSetupRemote' in 'git help config'.

mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git push --set-upstream https://github.com/mjavier1/local.git master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 217 bytes | 108.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/mjavier1/local/pull/new/master
remote:
To https://github.com/mjavier1/local.git
 * [new branch]      master -> master
branch 'master' set up to track 'https://github.com/mjavier1/local.git/master'.

mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git push --set-upstream https://github.com/mjavier1/local.git master
Everything up-to-date
branch 'master' set up to track 'https://github.com/mjavier1/local.git/master'.

mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$
```

Git log

Git show

```
MINGW64:/c/Users/mjagu/Documents/local
$ git show
commit ea6c8e586ddccea1fdf1e1bf1bd54efcab446963 (HEAD -> master)
Author: mjavier1 <mjaguirre526@gmail.com>
Date: Tue Jan 24 19:01:59 2023 -0400

    agrengado documnts

diff --git a/hello.txt.txt b/hello.txt.txt
new file mode 100644
index 0000000..e69de29

mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git show
commit ea6c8e586ddccea1fdf1e1bf1bd54efcab446963 (HEAD -> master)
Author: mjavier1 <mjaguirre526@gmail.com>
Date: Tue Jan 24 19:01:59 2023 -0400

    agrengado documnts

diff --git a/hello.txt.txt b/hello.txt.txt
new file mode 100644
index 0000000..e69de29
mjagu@mjdevelop MINGW64 ~/Documents/local (master)
$ git log
```

git comints

git add .

```
MINGW64 C:/Users/mjagu/Documents/gitbasico/gitbasico
$ ls
README.md  fdfd.html

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

nothing added to commit but untracked files present (use "git add" to track)

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git add
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
  add

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
  add

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .' ?
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git add .
mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   fdfd.html

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git commit -m
git: 'commit -m' is not a git command. See 'git --help'.
mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git commit -m "new code html"
[main e3e79b4] new code html
1 file changed, 14 insertions(+)
create mode 100644 fdfd.html
mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$
```

git push

```
MINGW64 C:/Users/mjagu/Documents/gitbasico/gitbasico
The most similar command is
  add

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
  add

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .' ?
hint: Turn this message off by running
hint: "git config advice.addEmptyPathsSpec false"

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git add .
mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   fdfd.html

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git commit -m
git: 'commit -m' is not a git command. See 'git --help'.
mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git commit -m "new code html"
[main e3e79b4] new code html
1 file changed, 14 insertions(+)
create mode 100644 fdfd.html

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git push
git: 'push' is not a git command. See 'git --help'.

The most similar command is
  push

mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 519 bytes | 259.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/mjavier1/gitbasico.git
   36e61cc..e3e79b4  main -> main
mjagu@develop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$
```

```
MINGW64:/c/Users/mjagu/Documents/gitbasico/gitbasico
mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git brach
git: 'brach' is not a git command. See 'git --help'.

The most similar command is
    branch

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git branch
* main

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git branch ramados

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git checkout branch
error: pathspec 'branch' did not match any file(s) known to git

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (main)
$ git checkout ramados
Switched to branch 'ramados'

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramados)
$
```

```
MINGW64:/c/Users/mjagu/Documents/gitbasico/gitbasico
On branch ramados
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    modified:   fdfd.html

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramados)
$ git commit -m "modificado file"
[ramados 752315d] modificado file
1 file changed, 2 insertions(+)

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramados)
$ git push
fatal: The current branch ramados has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin ramados

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramados)
$
```



```
$ git status
On branch ramatres
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   fdfdfd.html

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramatres)
$ git comints -m "ramatres"
git: 'comints' is not a git command. See 'git --help'.

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramatres)
$ git commit -m "tres"
[ramatres 0e62837] tres
 1 file changed, 16 insertions(+)
 create mode 100644 fdfdfd.html

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramatres)
$ git status
On branch ramatres
nothing to commit, working tree clean

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramatres)
$ git push
fatal: The current branch ramatres has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin ramatres

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetupRemote' in 'git help config'.

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramatres)
$ git push --set-upstream origin ramatres
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 265 bytes | 265.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'ramatres' on GitHub by visiting:
remote:   https://github.com/mjavier1/gitBasico/pull/new/ramatres
remote:
To https://github.com/mjavier1/gitBasico.git
 * [new branch]      ramatres -> ramatres
branch 'ramatres' set up to track 'origin/ramatres'.

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramatres)
$ git branch ramados
fatal: a branch named 'ramados' already exists

mjagu@mjdevelop MINGW64 ~/Documents/gitbasico/gitbasico (ramatres)
$ git checkout ramados
Switched to branch 'ramados'
Your branch is up to date with 'origin/ramados'.
```

