

GIT & GITHUB

ALBERTO PASTOR E IVÁN FERNÁNDEZ

ESTRUCTURA DE LA CHARLA

- GIT 101
- GITHUB

¿QUIÉNES SOY?

- ALBERTO PASTOR MORENO
 - LINKEDIN: @ALBERTOPASTORMR
 - TWITTER: @ALBERTOPASTORMR
 - GITHUB: @ALBERTOPASTORMR



¿QUIÉNES SOY?

- IVÁN FERNÁNDEZ MENA
 - LINKEDIN: @IVANFERMENA
 - TWITTER: @IVANF3RMENA
 - GITHUB: @IVANFERMENA

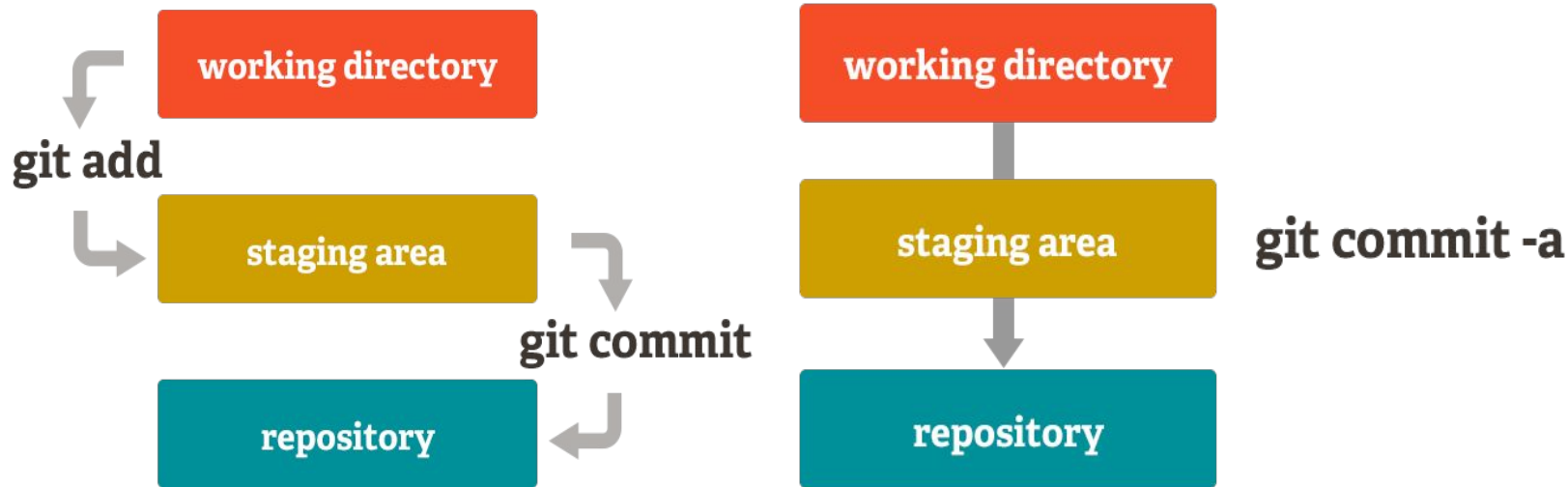




CONTROL DE VERSIONES

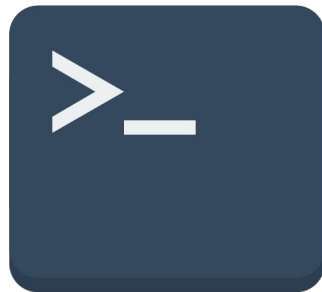
- BRANCHING & MERGING
- EFICIENCIA
- CURVA DE APRENDIZAJE AGRADABLE
- OFFLINE
- FREE SOFTWARE

¿CÓMO FUNCIONA GIT?

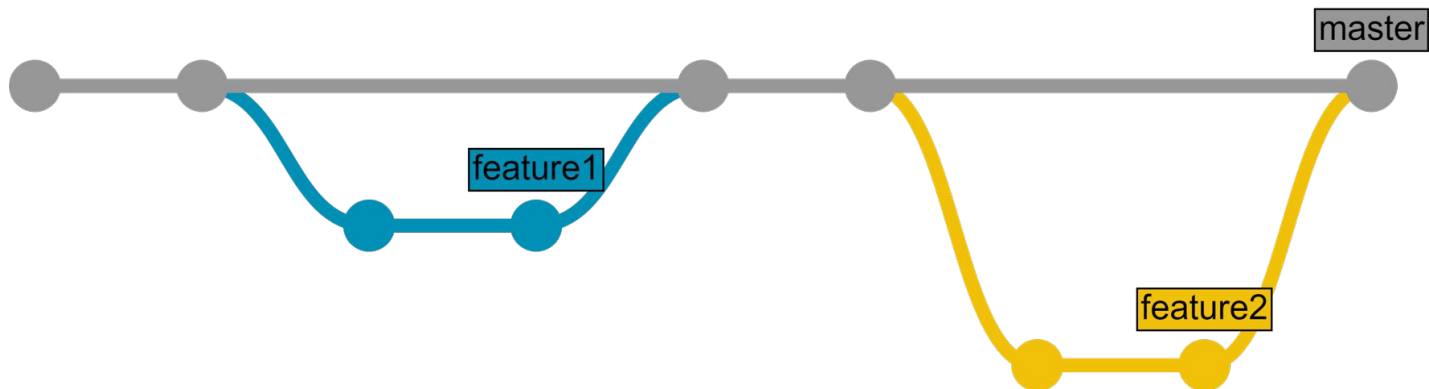


COMANDOS BÁSICOS

- ~ GIT CLONE
- ~ GIT ADD
- ~ GIT COMMIT
- ~ GIT PUSH
- ~ GIT STATUS



BRANCHING & MERGING



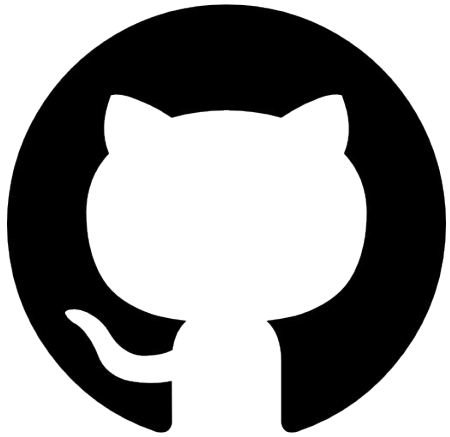
```
$ git branch  
$ git checkout  
$ git merge
```


GIT GUI - GITHUB DESKTOP & GIT KRAKEN

- MENOS FLEXIBILIDAD










¿QUÉ ES GITHUB?








GitHub

¿QUÉ ES GITHUB?






 Search or jump to...  Pull requests Issues Marketplace Explore  + 

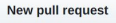

tensorflow / tensorflow  Watch 8,621  Unstar 122,390  Fork 72,674



 Code  Issues 1,809  Pull requests 332  Projects 1  Insights












An Open Source Machine Learning Framework for Everyone <https://tensorflow.org>

tensorflow machine-learning python deep-learning deep-neural-networks neural-network ml distributed

 50,980 commits  51 branches  79 releases  1,875 contributors  Apache-2.0

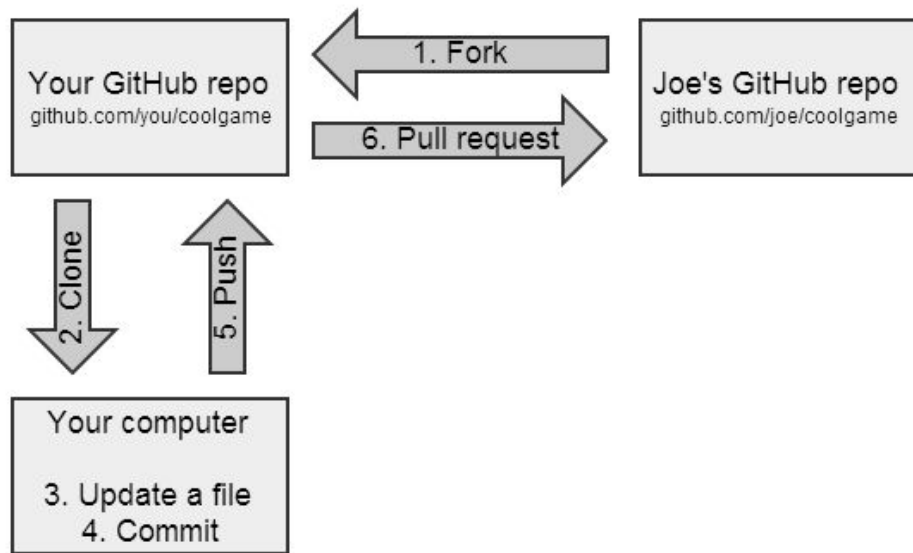
Branch: master  Create new file Upload files Find File 

 tensorflow-gardener compat: Update forward compatibility horizon to 2019-03-10  Latest commit bff52bb 11 hours ago

 .github/ISSUE_TEMPLATE	Ambiq squashed commits	3 months ago
 tensorflow	compat: Update forward compatibility horizon to 2019-03-10	11 hours ago
 third_party	Vectorize a number of element-wise Eigen kernels used in TensorFlow.	2 days ago
 tools	Update to bazel-0.18.0 and use try-import	3 months ago
 .bazelrc	Temporarily disable MKL-DNN contraction kernels by default.	6 days ago
 .gitignore	Update to bazel-0.18.0 and use try-import	3 months ago
 ACKNOWLEDGMENTS	TensorFlow: Improve performance of Alexnet	3 years ago
 ADOPTERS.md	Internal file cleanup.	2 years ago
 AUTHORS	Merge changes from github.	a year ago
 BUILD	Export 'configure' and 'configure.py' to allow inverse dependent repo...	4 months ago
 CODEOWNERS	Fix tensorflow nccl CODEOWNERS	3 months ago

TU PRIMER PULL REQUEST

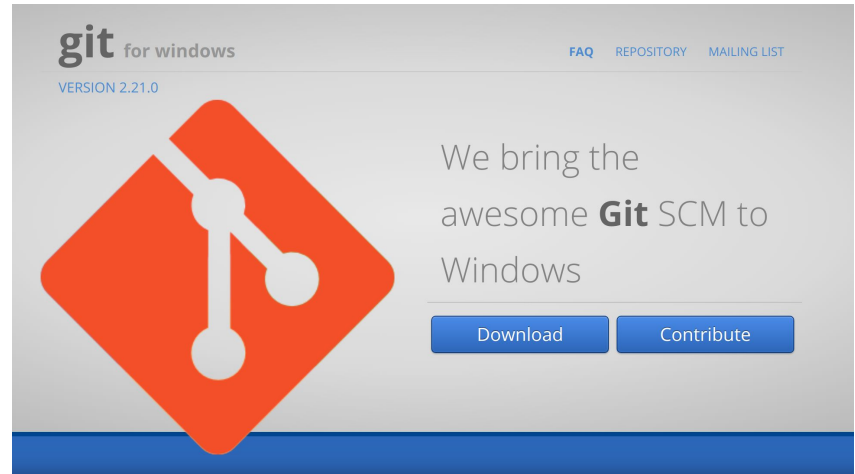
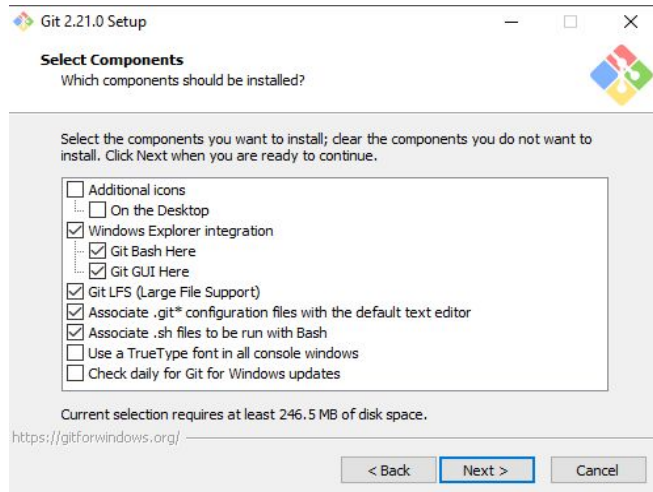
- ~ HAZ FORK DEL REPOSITORIO EN EL CUAL QUIERES CONTRIBUIR
- ~ CLONA EL REPOSITORIO EN TU ORDENADOR
- ~ CREA UNA RAMA NUEVA
- ~ GIT ADD
- ~ GIT COMMIT
- ~ GIT PUSH
- ~ ABRIR PULL REQUEST



DESCARGAR GIT

<https://gitforwindows.org/>

<https://git-scm.com/download/linux>



CONFIGURAR GIT

```
$ git config --global user.name "John Doe"
```

```
$ git config --global user.email johndoe@example.com
```

```
$ git config --list
```

HAZ FORK DEL REPOSITORIO AL CUAL QUIERES CONTRIBUIR

<https://github.com/albertopastormr/charla-gps>

The screenshot shows the GitHub interface for the repository `do-community/cloud_haiku`. The repository description is "Community-made poetry about infrastructure". It has 14 commits, 1 branch, 0 releases, and 1 contributor. The repository is licensed under MIT. The file list includes `_haikus`, `_layouts`, `assets`, `LICENSE`, `README.md`, and `_config.yml`. The `README.md` file is expanded, showing the text "Welcome to Cloud Haiku".

GitHub, Inc. [US] | https://github.com/do-community/cloud_haiku

Search or jump to... Pull requests Issues Marketplace Explore

do-community / cloud_haiku Watch 5 Star 0 Fork 1

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights

Community-made poetry about infrastructure

14 commits 1 branch 0 releases 1 contributor MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

Itagliaferri Merge pull request #3 from Itagliaferri/master Latest commit 35f1587 a day ago

_haikus	adding haikus, layouts, assets	a day ago
_layouts	adding haikus, layouts, assets	a day ago
assets	adding haikus, layouts, assets	a day ago
LICENSE	Initial commit	a day ago
README.md	add links	a day ago
_config.yml	update config file	a day ago

README.md

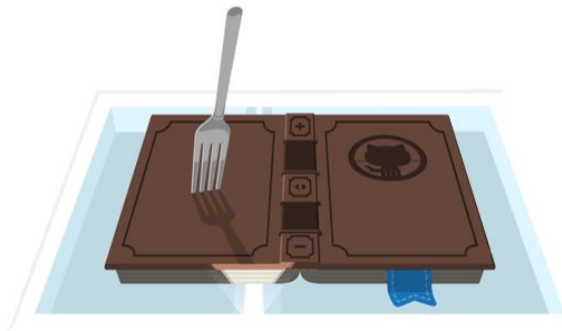
Welcome to Cloud Haiku

HAZ FORK DEL REPOSITORIO AL CUAL QUIERES CONTRIBUIR

Forking do-community/cloud_haiku

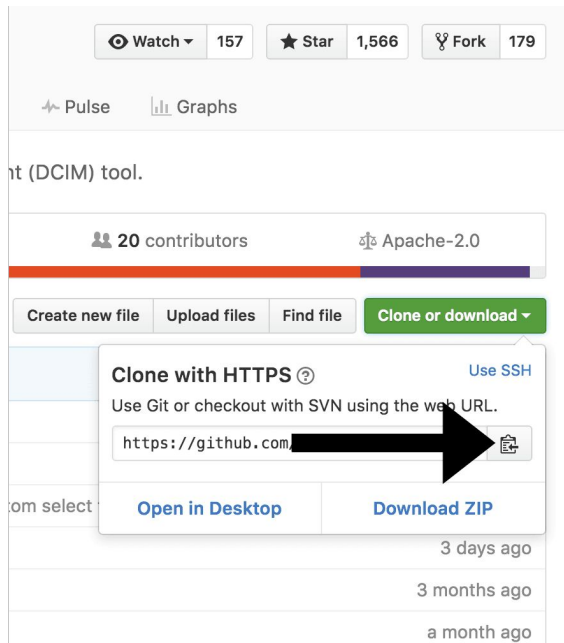
It should only take a few seconds.

 Refresh



CLONE DEL REPOSITORIO EN TÚ ORDENADOR

```
$ git clone https://github.com/tu-nombre-de-usuario/charla-gps.git
```



CREAMOS UNA RAMA NUEVA

```
$ git branch add-fichero1
```

```
ivanf@DESKTOP-BDSO9CH MINGW64 ~/Documents/Git/charla-gps (master)
$ git branch add-fichero1

ivanf@DESKTOP-BDSO9CH MINGW64 ~/Documents/Git/charla-gps (master)
$ git branch
add-fichero1
* master
```

CHECKOUT DE LA RAMA CREADA

```
$ git checkout add-fichero1
```

```
ivanf@DESKTOP-BDS09CH MINGW64 ~/Documents/Git/charla-gps (master)  
$ git checkout add-fichero1  
Switched to branch 'add-fichero1'
```

¡A TRABAJAR!

STAGING DE NUEVOS ELEMENTOS

```
$ git add fichero1.txt
```

COMMIT DE NUEVOS ELEMENTOS

```
$ git commit -a -m "He agregado fichero 1.txt"
```

PUSH AL REPOSITORIO

```
$ git push
```

The screenshot shows the GitHub interface for a repository named 'charla-gps' owned by 'albertopastormr'. At the top, there are navigation tabs for 'Code', 'Issues', 'Pull requests', 'Projects', 'Wiki', and 'Insights'. Below these, a summary bar indicates '1 commit', '1 branch', '0 releases', '1 contributor', and 'GPL-3.0' license. A yellow banner highlights a recent push by 'ivanfermena' to the 'add-fichero1' branch. Below this, there are buttons for 'Branch: master', 'New pull request', 'Create new file', 'Upload files', 'Find File', and 'Clone or download'. The main content area shows a list of files: '.gitignore', 'LICENSE', and 'README.md', all with 'Initial commit' status and '2 hours ago' timestamp. Below the file list, there is a section for the 'README.md' file, which contains the text 'charla-gps'.

albertopastormr / charla-gps

Watch 0 Star 0 Fork 1

Code Issues 0 Pull requests 0 Projects 0 Wiki Insights

No description, website, or topics provided.

1 commit 1 branch 0 releases 1 contributor GPL-3.0

Your recently pushed branches:

ivanfermena:add-fichero1 (less than a minute ago) Compare & pull request

Branch: master New pull request

Create new file Upload files Find File Clone or download

albertopastormr Initial commit Latest commit a0eb920 2 hours ago

.gitignore	Initial commit	2 hours ago
LICENSE	Initial commit	2 hours ago
README.md	Initial commit	2 hours ago

README.md

charla-gps

PULL REQUEST AL REPOSITORIO ORIGINAL

Branch: new-branch ▼

New pull request

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).



base: master ▼



compare: update-readme-2 ▼

✓ Able to merge. These branches can be automatically merged.

✓ Able to merge. These branches can be automatically merged.



Title

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Preview

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Leave a comment

Attach files by dragging & dropping, [selecting them](#), or pasting from the clipboard.

☒ Allow edits from maintainers. [Learn more](#)

Create pull request

PULL REQUEST AL REPOSITORIO ORIGINAL


albertopastormr / charla-gps

Watch 0 Star 0 Fork 1

[Code](#) [Issues 0](#) [Pull requests 0](#) [Projects 0](#) [Wiki](#) [Insights](#)

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

 base repository: albertopastormr/charla-gps base: master ← head repository: ivanfermena/charla-gps compare: add-fichero1

✓ **Able to merge.** These branches can be automatically merged.



Primer pull request

Write

Preview

AA B i “ > @ 📌 ↶

Leave a comment

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

☒ Allow edits from maintainers. [Learn more](#)

Create pull request

PULL REQUEST AL REPOSITORIO ORIGINAL

Primer pull request #1

 Open ivanfermena wants to merge 1 commit into `albertopastormr:master` from `ivanfermena:add-fichero1`

Conversation 0 Commits 1 Checks 0 Files changed 1



ivanfermena commented just now

No description provided.

 Como mola el commit chiqui

02ae6ed

Add more commits by pushing to the `add-fichero1` branch on [ivanfermena/charla-gps](#).



 **This branch has no conflicts with the base branch**
Only those with [write access](#) to this repository can merge pull requests.



Write Preview

AA B i “ < > ∞ ⋮ ≡ ✓ @ ★ ↶

Leave a comment

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

Markdown Styling with Markdown is supported

Close pull request

Comment

💡 ProTip! Add `.patch` or `.diff` to the end of URLs for Git's plaintext views.

ALTERNATIVAS A GITHUB



GitLab



Bitbucket



SOURCEFORGE

GRACIAS POR TODO

¿PREGUNTAS?