

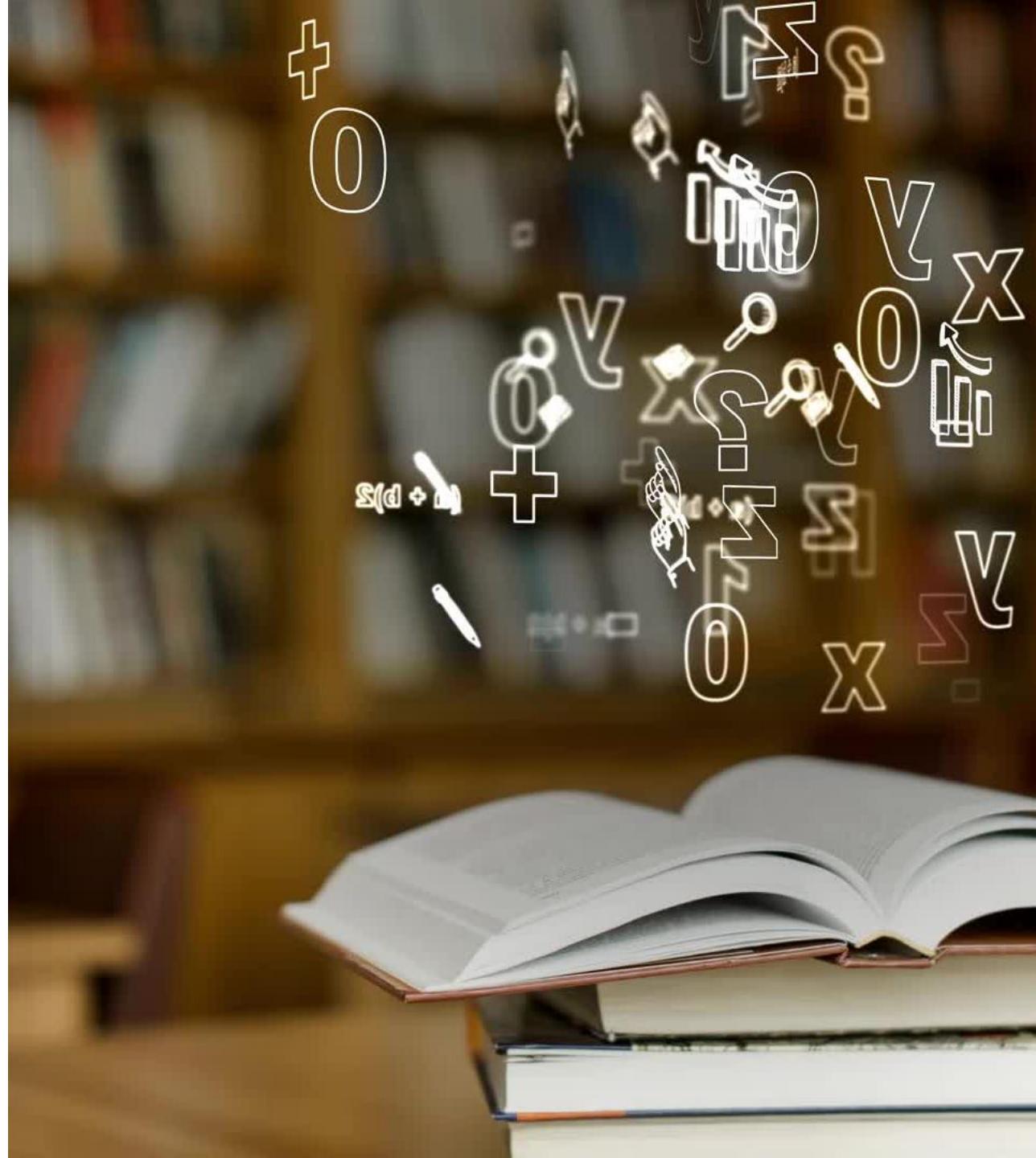
VENTAJAS DEVOPS

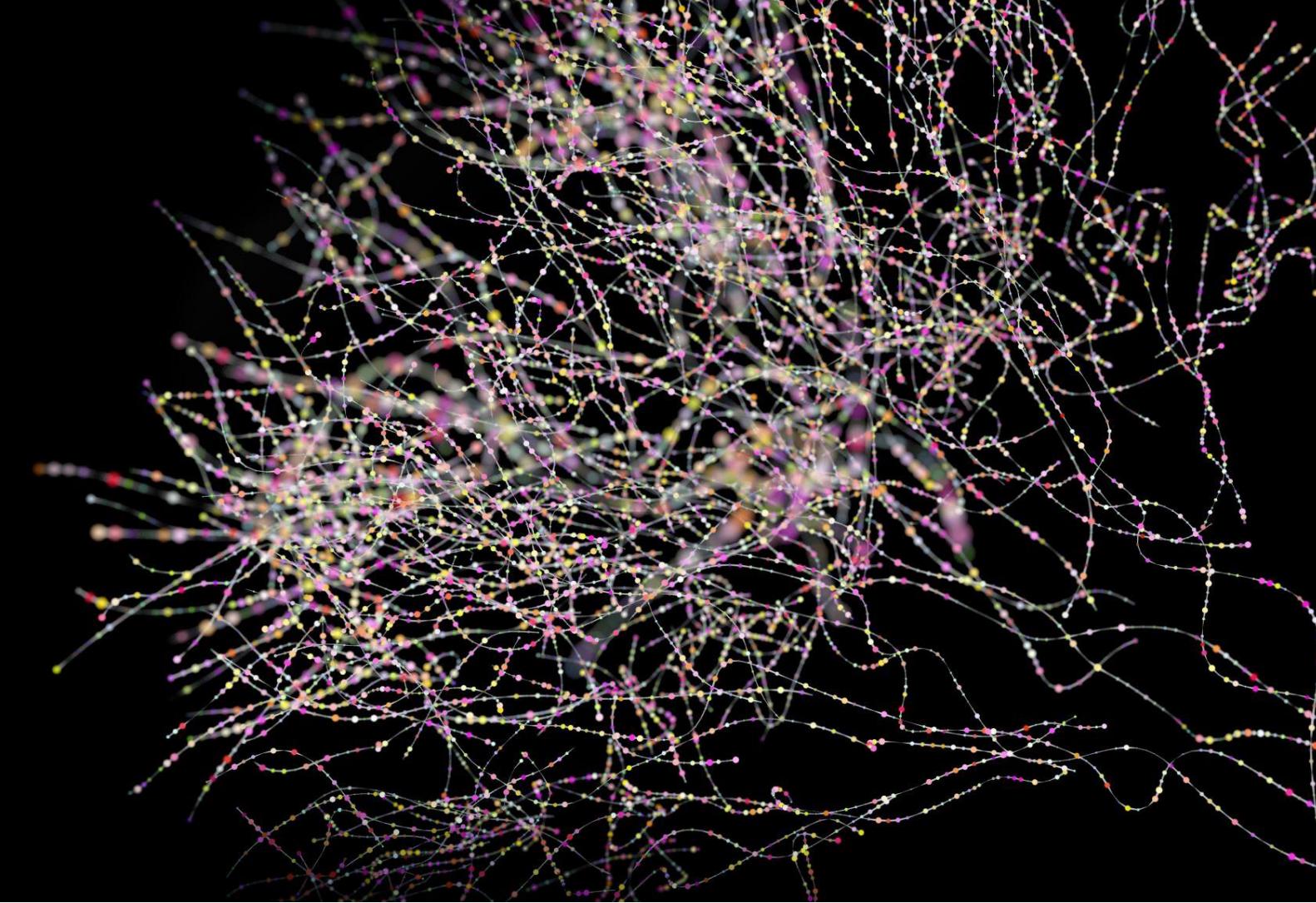
- Entrega más rápida y continua
- Mayor colaboración y transparencia
- Mayor calidad del software
- Optimización de recursos
- Mejora en la colaboración y la cultura
- Flexibilidad y adaptabilidad
- Mayor seguridad
- Retroalimentación continua y mejora continua



PRESENTACIONES

- Conocimientos de DevOps
- Conocimientos de Bitbucket
- Conocimientos de Jenkins
- Conocimientos de Testing

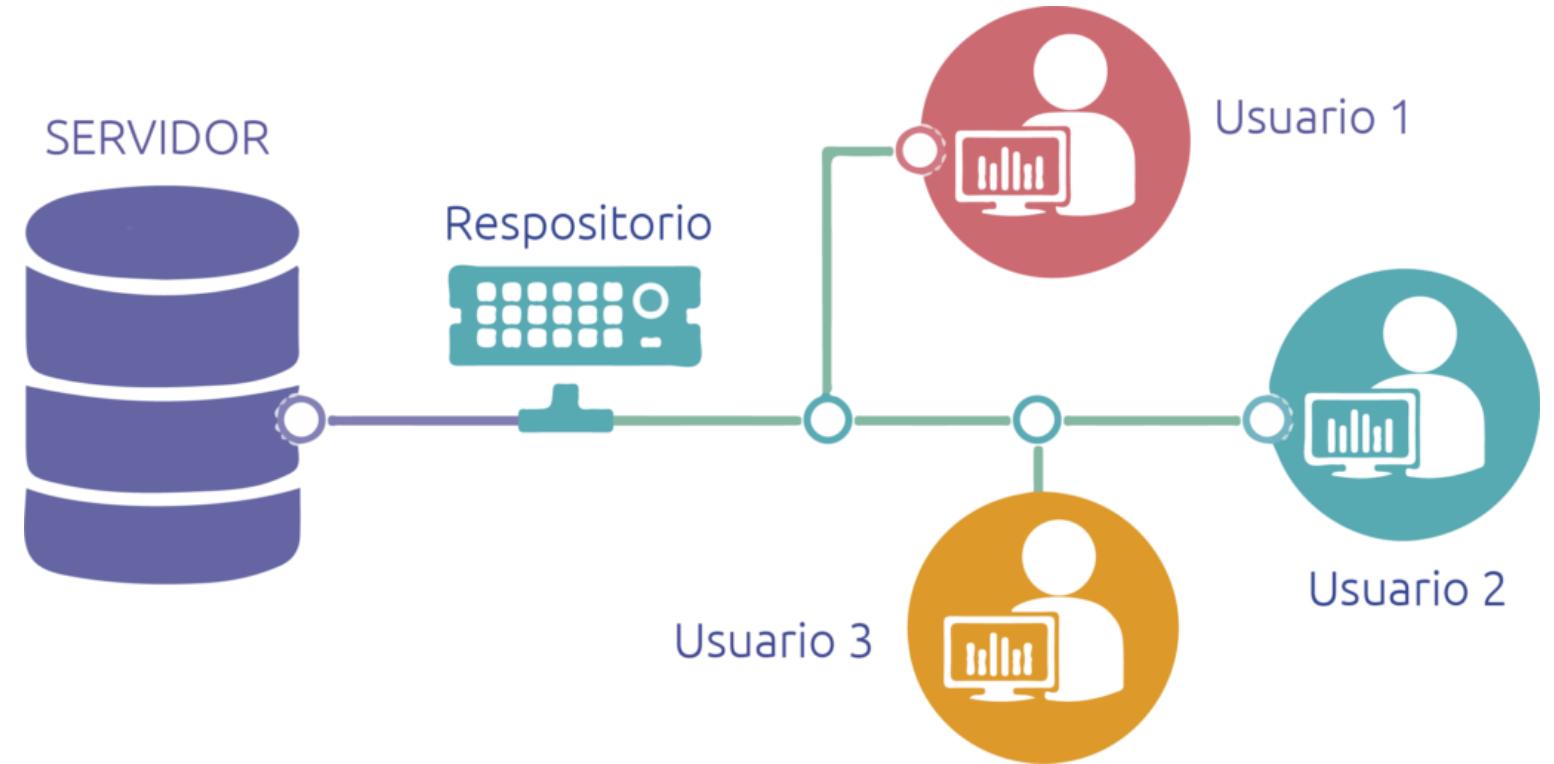


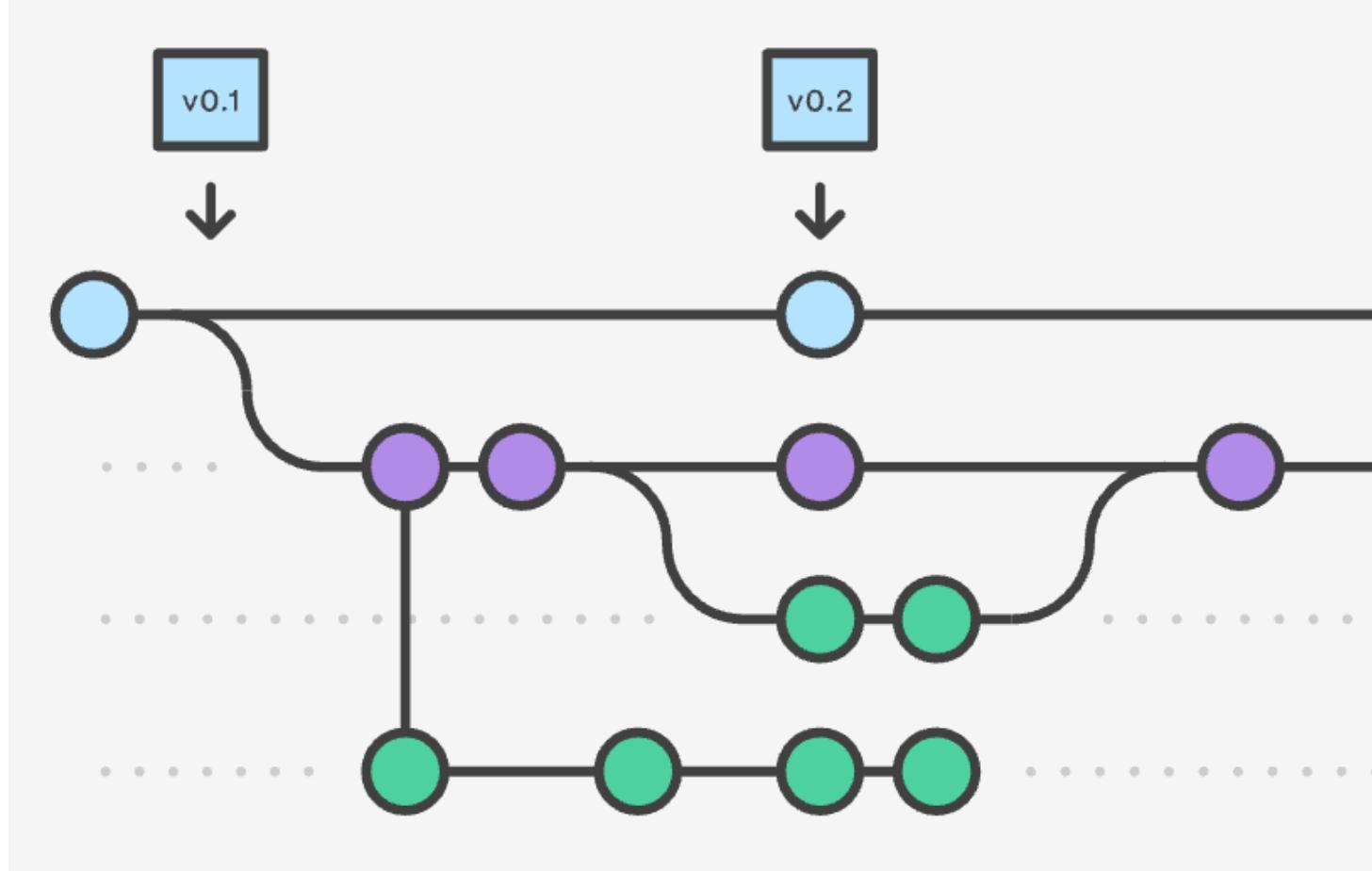


Modulo 1: Bitbucket

- Manejo del repositorio
- Manejo de Issues
- GitFlow
- Ramas de desarrollo
- Ramas de Release
- Ramas Hotfix
- PullRequest

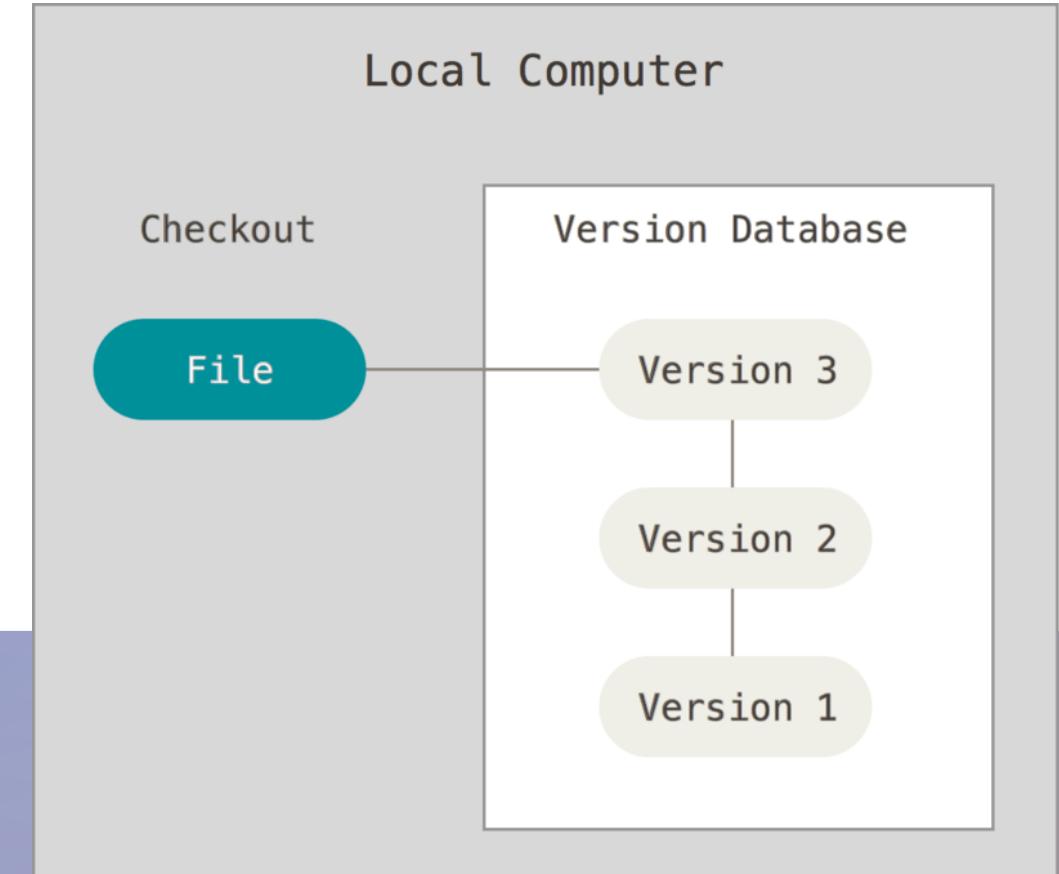
CONTROL DE VERSIONES



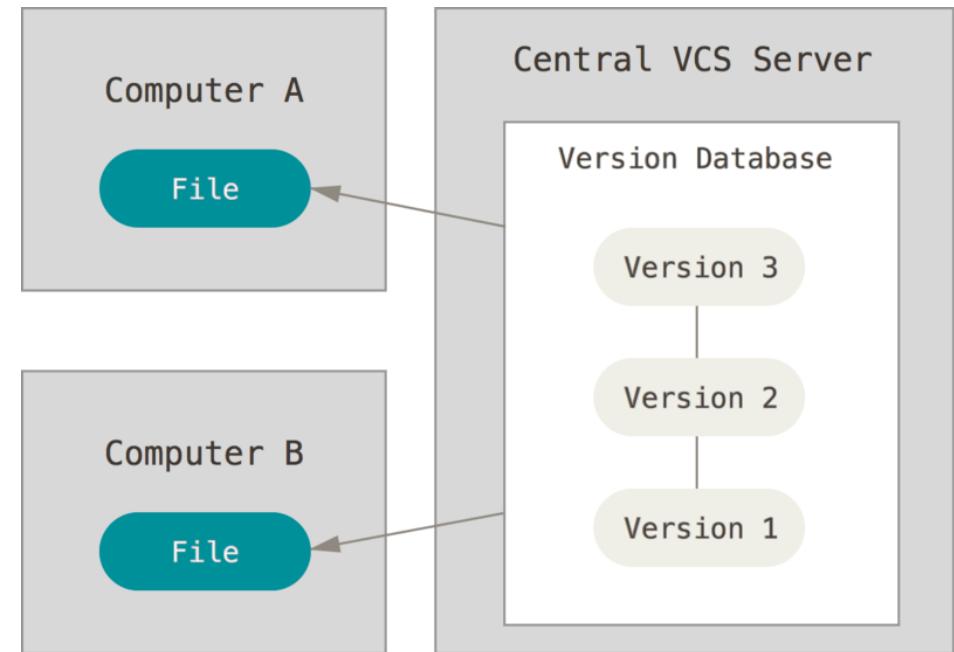


¿POR QUÉ USAR UN VCS?

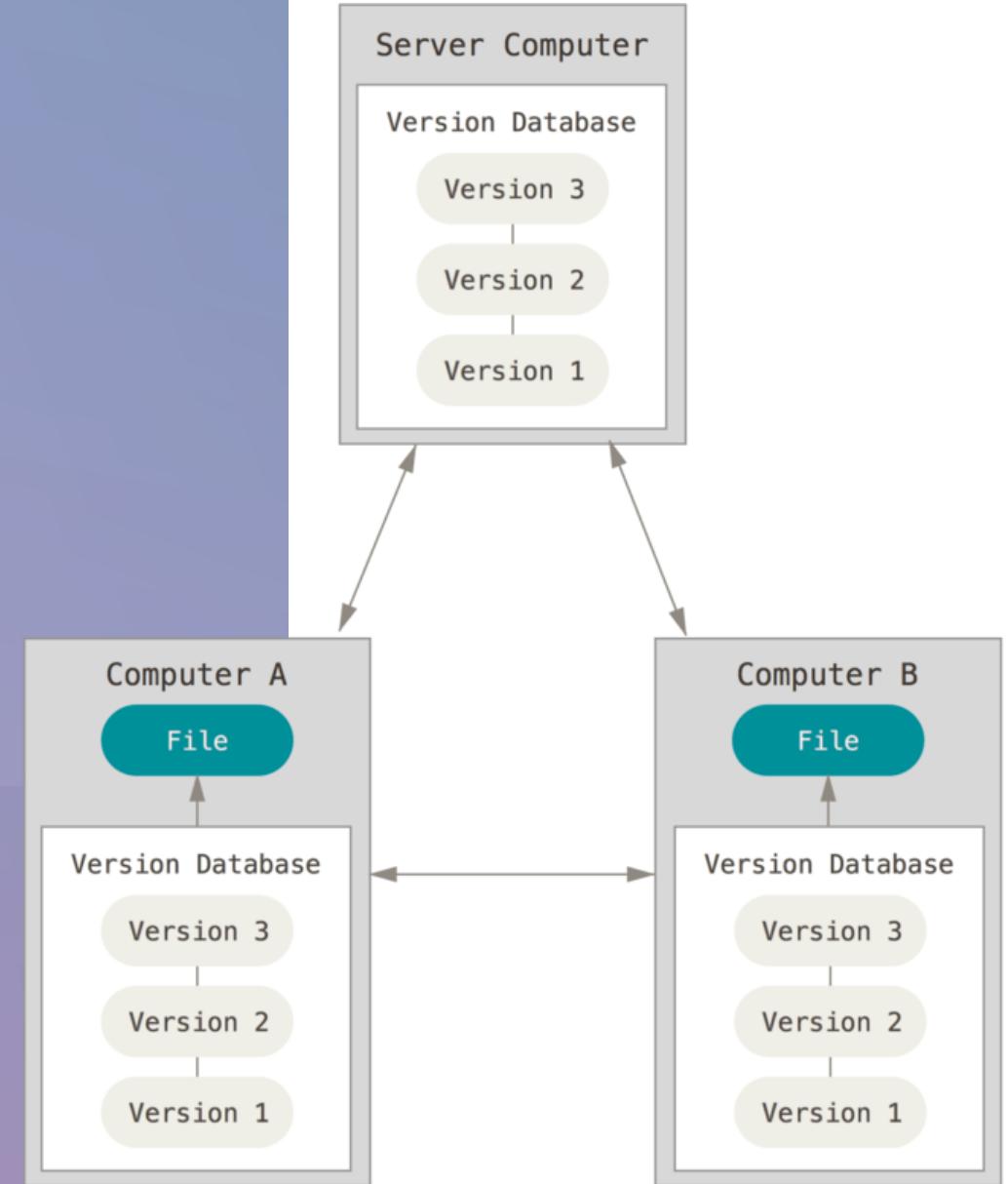
SISTEMAS DE CONTROL DE VERSIONES LOCALES



SISTEMAS DE CONTROL DE VERSIONES CENTRALIZADOS



SISTEMAS DE CONTROL DE VERSIONES DISTRIBUIDOS



HISTORIA DE GIT

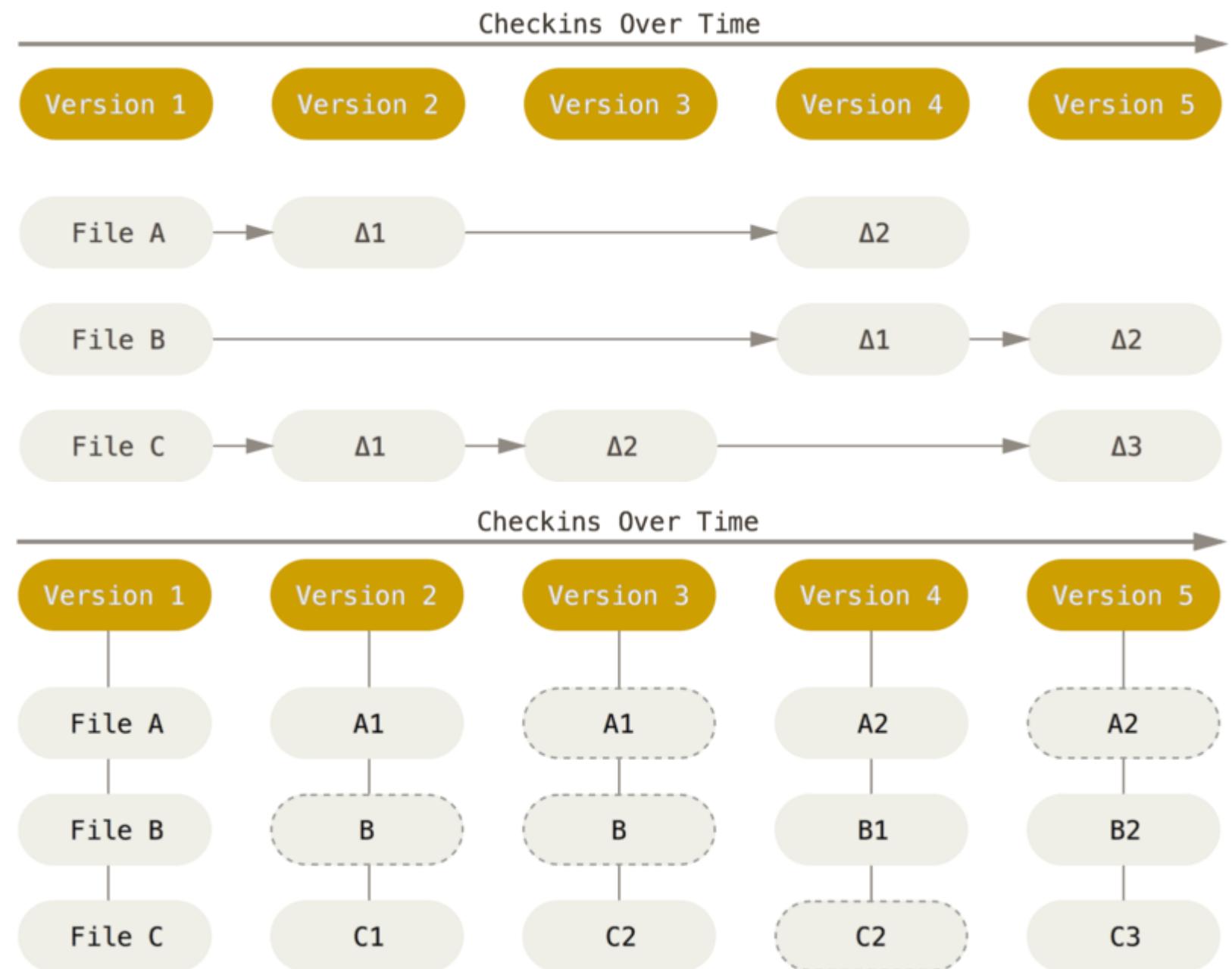


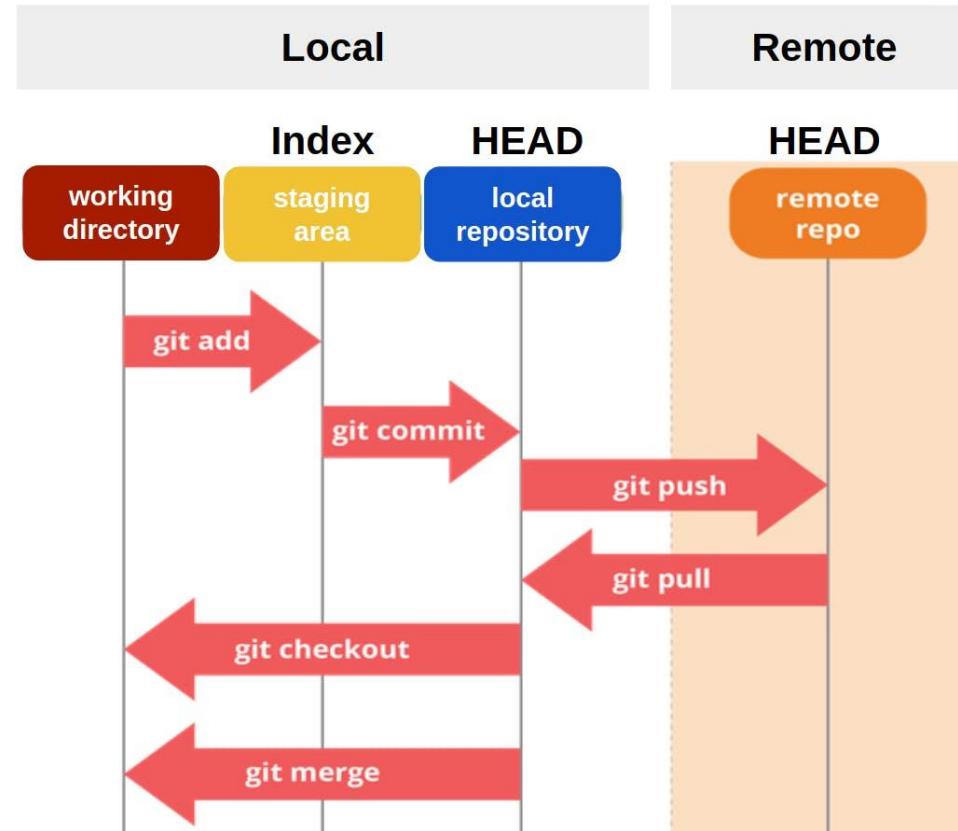


A large, bold, dark brown lowercase "git" logo. The letter "g" is stylized with a thick, rounded body and a small white circle at the top. The letters "i" and "t" are also in a bold, dark brown font.

¿QUÉ ES GIT?

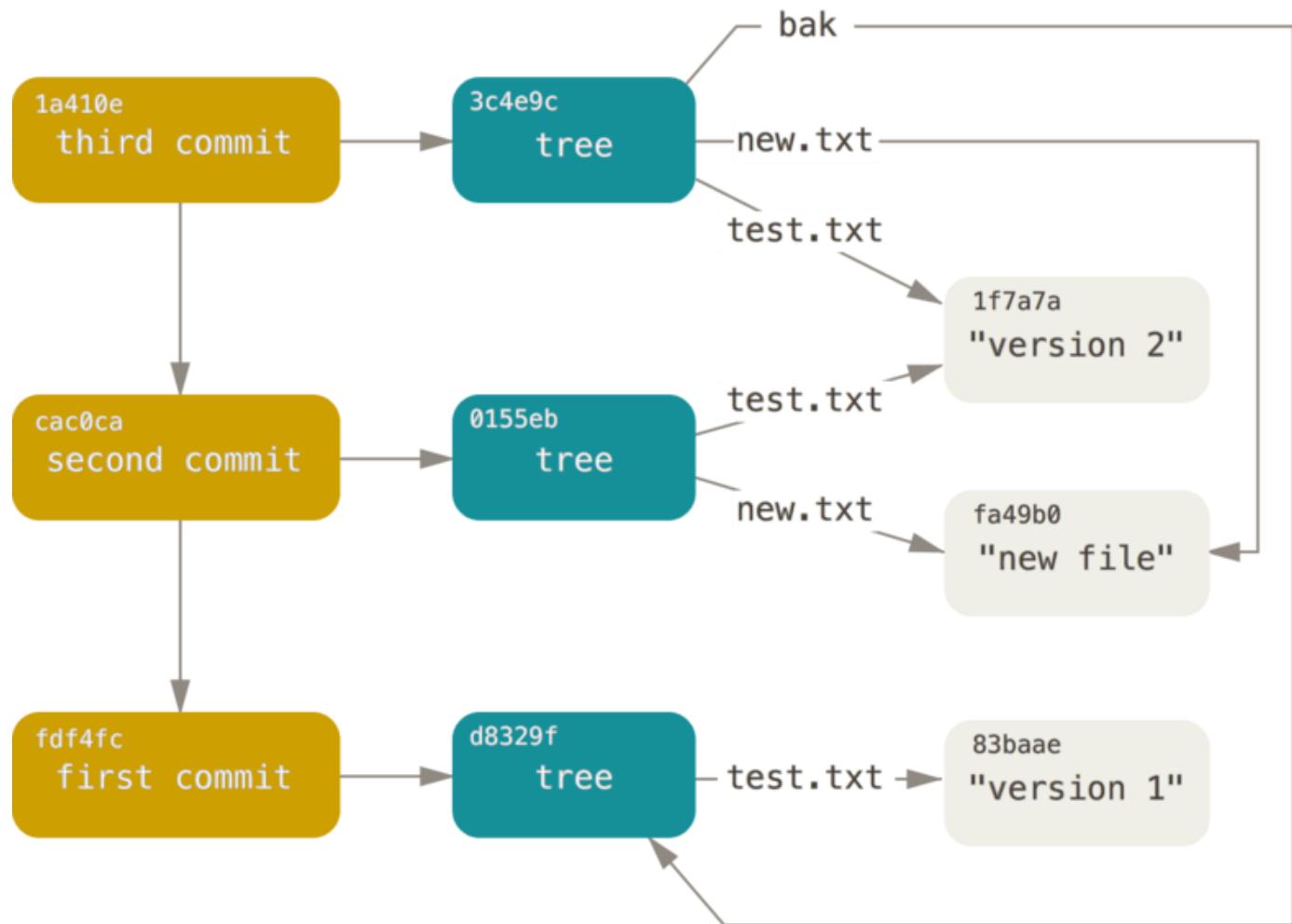
COPIAS INSTANTÁNEAS, NO DIFERENCIAS



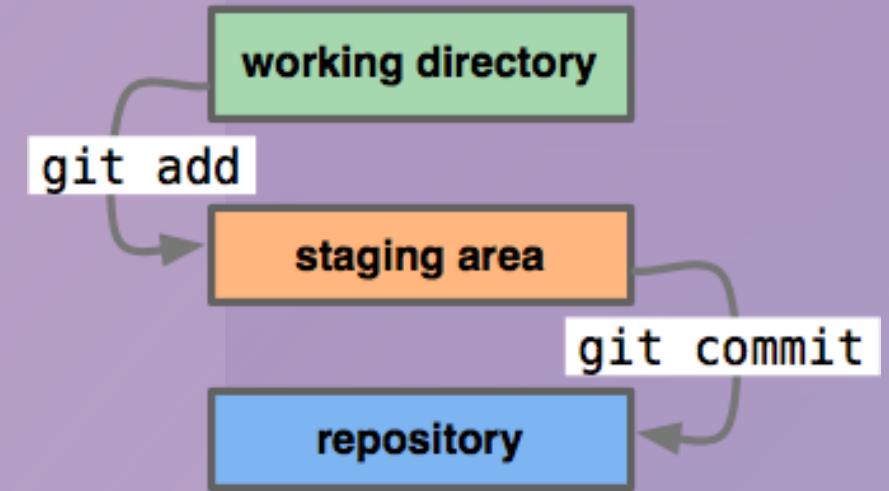


OPERACIONES LOCALES

INTEGRIDAD



ESTADOS DE GIT



LINEA DE COMANDOS

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18363.657]
(c) 2019 Microsoft Corporation. All rights reserved.

D:\GFG>git init
Initialized empty Git repository in D:/GFG/.git/

D:\GFG>
```

SOURCETREE

sourcetree-website (Git)

Push Branch Merge Shelve Show in Finder Terminal

All Branches Show Remote Branches Ancestor Order Jump to:

Graph	Commit	Author	Description	Date
b7358c7	Rahul Chhab...	[master] [origin/master] [origin/HEAD] Removing ol...	Mar 3, 2014	
bdb8bef	Rahul Chhab...	Merged in update-google-verification (pull request #14)	Feb 18, 2014	
dfe975d	Tyler Tadej...	[origin/update-google-verification] Update google verificati...	Feb 11, 2014	
3bc3290	Tyler Tadej...	Replace outdated Atlassian logo in footer with base-64 en...	Feb 11, 2014	
dba47f9	Tyler Tadej...	Add gitignore	Feb 11, 2014	
ff67b45	Mike Minns...	Updated Mac min-spec to 10.10	Feb 15, 2014	
72d32a8	Michael Min...	Merged in hero_images (pull request #13)	Feb 15, 2014	
246c4ff	Joel Unger...	[origin/hero_images] [hero_images] Used Tinypng to c...	Feb 11, 2014	
9d9438c	Joel Unger...	Replacing hero images with new version of SourceTree	Feb 9, 2014	
ce75b63	Michael Min...	Merged in bug/date-https (pull request #12)	Feb 15, 2014	
85367bb	Patrick Tho...	[origin/bug/date-https] fixed date and https errors	Jan 7, 2014	
4f9b557	Joel Unger...	New Favicon	Feb 8, 2014	
384e6d5	Rahul Chhab...	[origin/search-console-access] search console google ver...	Feb 3, 2014	
6fa47a9	Mike Minns...	updated to move supported version to OSX 10.9+	Dec 15, 2013	
8dd87bb	Mike Minns...	remove extra , when a line is skipped due to empty server	Nov 23, 2013	
faa195e	Mike Minns...	Skip records with empty server/user id as gas rejects them	Nov 23, 2013	
0cdfe96	Mike Minns...	corrected paths after merge	Nov 23, 2013	
051ab1b	Mike Minns...	corrected column counting	Nov 23, 2013	
a723bc2	Mike Minns...	Merge branch 'au2gex'	Nov 23, 2013	
65fd580	Mike Minns...	deal with invalid instanceids	Nov 23, 2013	
500a892	Michael Min...	Merged in au2gex (pull request #11)	Nov 23, 2013	

GITHUB



 git	 GitHub
1. It is a software	1. It is a service
2. It is installed locally on the system	2. It is hosted on Web
3. It is a command line tool	3. It provides a graphical interface
4. It is a tool to manage different versions of edits, made to files in a git repository	4. It is a space to upload a copy of the Git repository
5. It provides functionalities like Version Control System Source Code Management	5. It provides functionalities of Git like VCS, Source Code Management as well as adding few of its own features

GIT VS GITHUB



Why Bitbucket ▾ Product Guide ▾ Self-Hosted Pricing

Log in

Get started

Built for professional teams

Bitbucket is more than just Git code management. Bitbucket gives teams one place to plan projects, collaborate on code, test, and deploy.

Get started for free

Or host it yourself with [Bitbucket Data Center →](#)

bugfix/123-bug remove extra padding

Approve

Merge



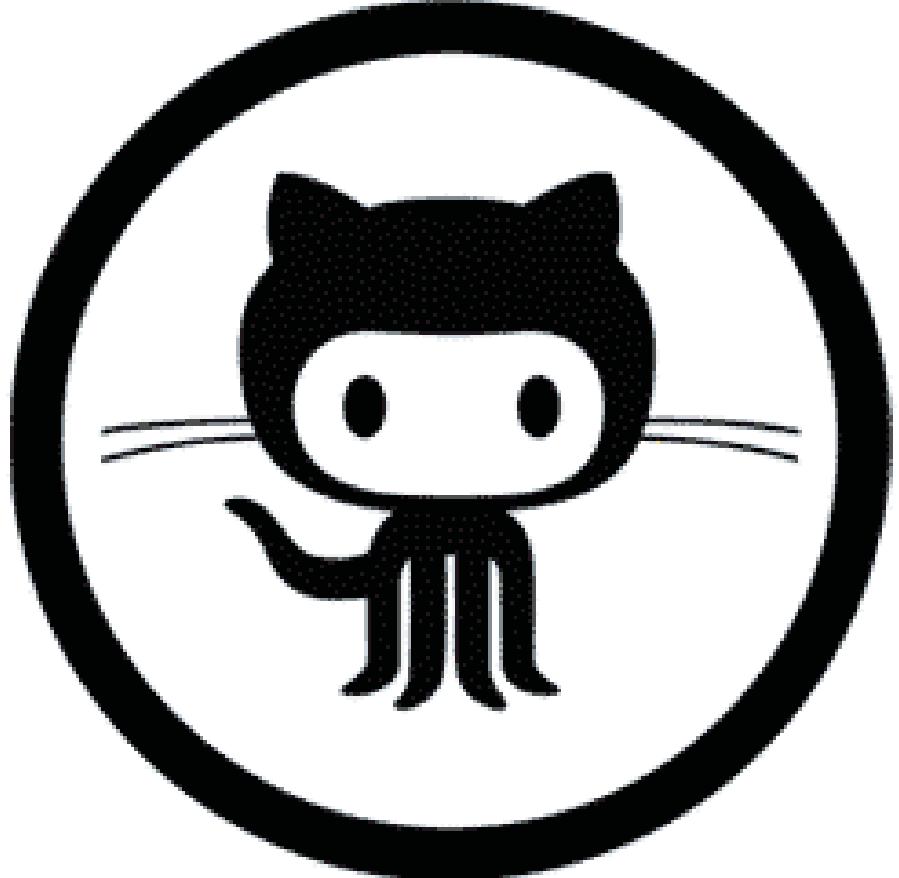
bugfix/123-bug → master OPEN

I made a few changes to tidy up the code. Please let me know if all looks good!



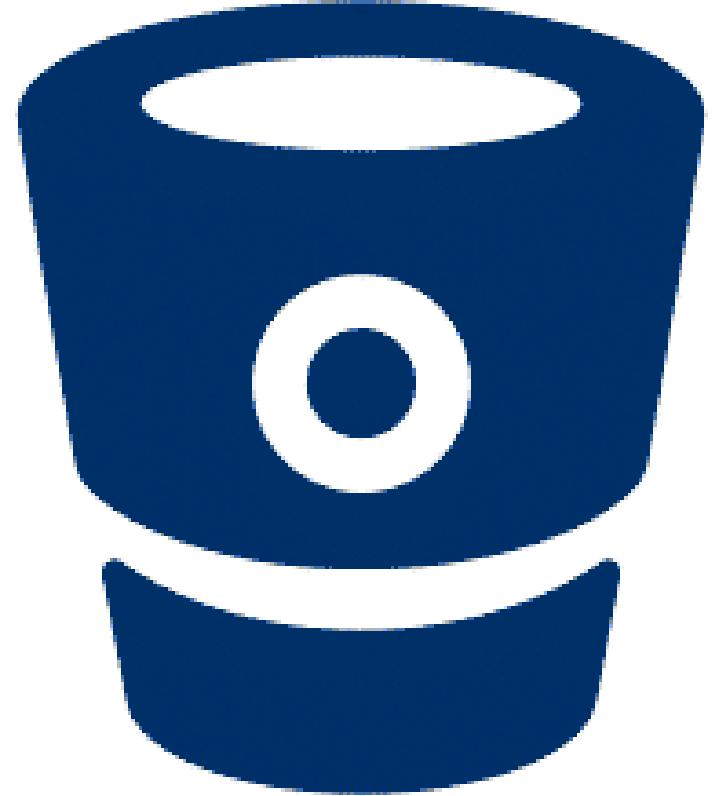
js / core.js

```
12 - // Takes an input date string and related date format
12 + // by parsing the date and converting to a string using
13 + function reconstructDateMatches(date, DateFormat) {
```



Github

VS



Bitbucket

The screenshot shows the Bitbucket interface for the repository "Alpha-team-app". The left sidebar includes links for Source, Commits, Branches, Pull requests, Pipelines, Deployments (which is selected), Downloads, Boards, and Settings. The main content area displays deployment status for three environments: Test, Staging, and Production. Under "Test", deployment #13 is listed with a green checkmark. Under "Staging", deployment #8 is listed with a green checkmark. Under "Production", deployment #5 is listed with a green checkmark. Below this, the "Deployment History" section shows a detailed log of previous deployments across all environments, with each entry including the commit hash, message, environment, time ago, and a user icon.

Deployment	Commit Hash	Message	Environment	Time Ago	User
#5	b4ce58b	NONE: use microsoft/dotnet: sdk as the recommended dotnet image	PRODUCTION	A MINUTE AGO	[User Icon]
#13	Odeeacb	BP-1148 : add tests and change dates to started on	TEST	2 MINUTES AGO	[User Icon]
#12	208e5b8	BP-749: Use definition list for size tooltip Also cleanup styled component...	TEST	2 MINUTES AGO	[User Icon]
#11	e2ee219	BP-1148 : add tests and change dates to started on	TEST	3 MINUTES AGO	[User Icon]
#10	3b65b47	add missing USER_ERROR status to repo overview widget	TEST	3 MINUTES AGO	[User Icon]
#9	017276d	feat(component): fS-1063 When searching for mentionable users in a pub...	TEST	6 MINUTES AGO	[User Icon]
#8	dd6c211	BP-535 : Remove download raw button in report view	STAGING	21 MINUTES AGO	[User Icon]
#8	dd6c211	BP-535 : Remove download raw button in report view	TEST	22 MINUTES AGO	[User Icon]
#3	856fe67	fix(build): make sure root does not change whatever import we use affect...	PRODUCTION	26 MINUTES AGO	[User Icon]

CREAR UNA CUENTA DE BITBUCKET

Welcome to the Git Setup Wizard

This will install Git version 2.6.3 on your computer.

It is recommended that you close all other applications before continuing.

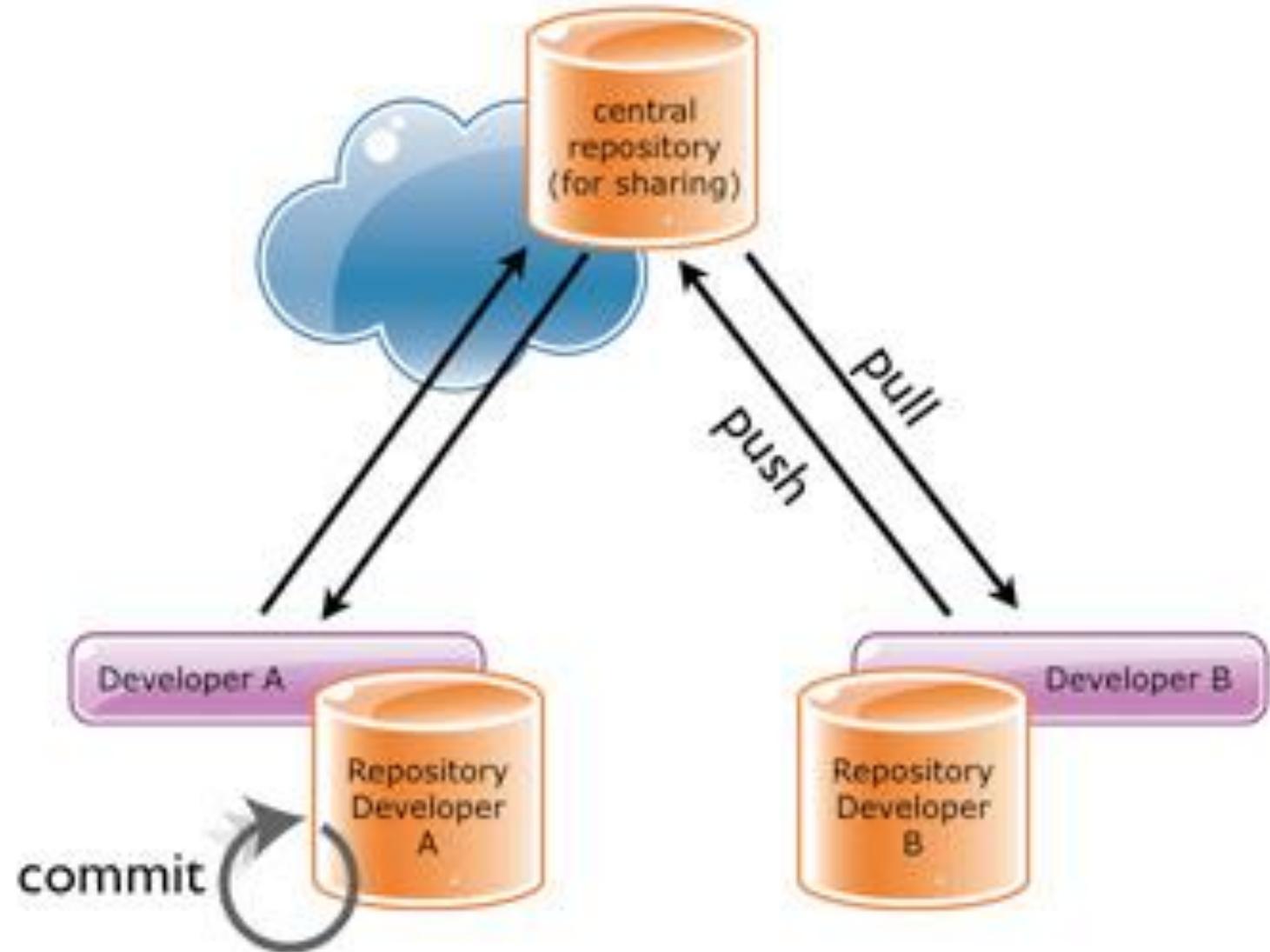
Click Next to continue, or Cancel to exit Setup.



[Next >](#)[Cancel](#)

INSTALACIÓN DE GIT EN
WINDOWS

REPOSITORIO DE GIT



Git Cheat Sheet

Setup

Set the name and email that will be attached to your commits and tags

```
$ git config --global
user.name "Danny Adams"
$ git config --global
user.email "my-
email@gmail.com"
```

Start a Project

Create a local repo (omit <directory> to initialise the current directory as a git repo)

```
$ git init <directory>
```

Download a remote repo

```
$ git clone <url>
```

Make a Change

Add a file to staging

```
$ git add <file>
```

Stage all files

```
$ git add .
```

Commit all staged files to git

```
$ git commit -m "commit
message"
```

Add all changes made to tracked files & commit

```
$ git commit -am "commit
message"
```

Basic Concepts

main: default development branch
origin: default upstream repo
HEAD: current branch
HEAD¹: parent of HEAD
HEAD~4: great-great grandparent of HEAD

By @DoableDanny

Branches

List all local branches. Add -r flag to show all remote branches. -a flag for all branches.

```
$ git branch
```

Create a new branch

```
$ git branch <new-branch>
```

Switch to a branch & update the working directory

```
$ git checkout <branch>
```

Create a new branch and switch to it

```
$ git checkout -b <new-
branch>
```

Delete a merged branch

```
$ git branch -d <branch>
```

Delete a branch, whether merged or not

```
$ git branch -D <branch>
```

Add a tag to current commit (often used for new version releases)

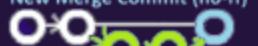
```
$ git tag <tag-name>
```

Merging

Merge branch a into branch b. Add --no-ff option for no-fast-forward merge



New Merge Commit (no-ff)



```
$ git checkout b
```

```
$ git merge a
```

Merge & squash all commits into one new commit

```
$ git merge --squash a
```

Rebasing

Rebase feature branch onto main (to incorporate new changes made to main). Prevents unnecessary merge commits into feature, keeping history clean



```
$ git checkout feature
```

```
$ git rebase main
```

Interatively clean up a branches commits before rebasing onto main

```
$ git rebase -i main
```

Interatively rebase the last 3 commits on current branch

```
$ git rebase -i Head~3
```

Undoing Things

Move (&/or rename) a file & stage move

```
$ git mv <existing_path>
<new_path>
```

Remove a file from working directory & staging area, then stage the removal

```
$ git rm <file>
```

Remove from staging area only

```
$ git rm --cached <file>
```

View a previous commit (READ only)

```
$ git checkout <commit_ID>
```

Create a new commit, reverting the changes from a specified commit

```
$ git revert <commit_ID>
```

Go back to a previous commit & delete all commits ahead of it (revert is safer). Add -hard flag to also delete workspace changes (BE VERY CAREFUL)

```
$ git reset <commit_ID>
```

Review your Repo

List new or modified files not yet committed

```
$ git stash drop stash@{1}
```

Delete all stashes

```
$ git stash clear
```

Synchronizing

Add a remote repo

```
$ git remote add <alias>
<url>
```

Show changes between two commits

```
$ git diff commit1_ID
commit2_ID
```

Stashing

Store modified & staged changes. To include untracked files, add -u flag. For untracked & ignored files, add -a flag.

```
$ git stash
```

As above, but add a comment.

```
$ git stash save "comment"
```

Partial stash. Stash just a single file, a collection of files, or individual changes from within files

```
$ git stash -p
```

List all stashes

```
$ git stash list
```

Re-apply the stash without deleting it

```
$ git stash apply
```

Re-apply the stash at index 2, then delete it from the stash list. Omit stash@{n} to pop the most recent stash.

```
$ git stash pop stash@{2}
```

Show the diff summary of stash 1. Pass the -p flag to see the full diff.

```
$ git stash show stash@{1}
```

Delete stash at index 1. Omit stash@{n} to delete last stash made

```
$ git status
```

```
$ git log --oneline
```

Show changes to unstaged files. For changes to staged files, add --cached option

View all remote connections. Add -v flag to view urls.

```
$ git remote
```

Remove a connection

```
$ git remote remove <alias>
```

Rename a connection

```
$ git remote rename <old>
<new>
```

Fetch all branches from remote repo (no merge)

```
$ git fetch <alias>
```

Fetch a specific branch

```
$ git fetch <alias> <branch>
```

Fetch the remote repo's copy of the current branch, then merge

```
$ git pull
```

Move (rebase) your local changes onto the top of new changes made to the remote repo (for clean, linear history)

```
$ git pull --rebase <alias>
```

Upload local content to remote repo

```
$ git push <alias>
```

Upload to a branch (can then pull request)

```
$ git push <alias> <branch>
```

INICIALIZAR REPOSITORIO

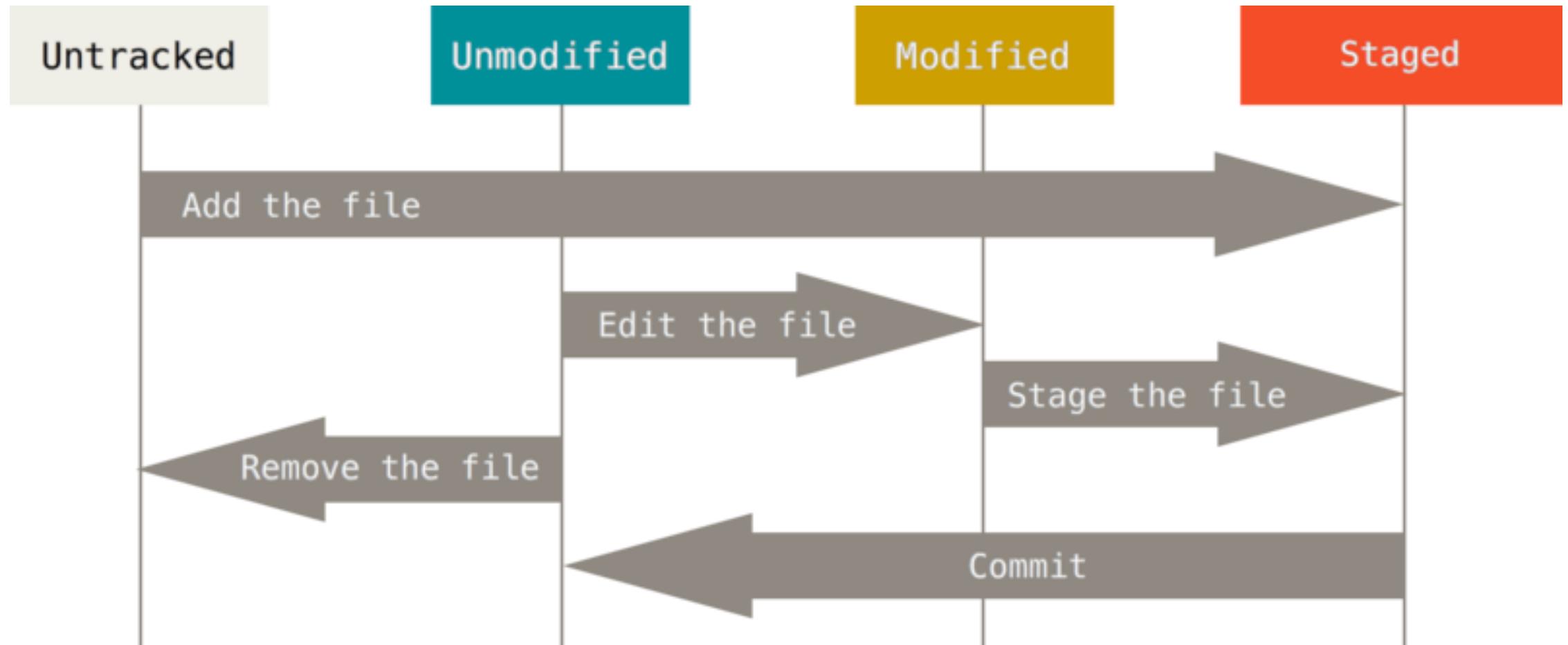
```
> git init
```

CLONACIÓN

```
HiMaNshU@HiMaNshU-PC MINGW64 ~/Desktop (master)
$ cd "new folder"

HiMaNshU@HiMaNshU-PC MINGW64 ~/Desktop/new folder (master)
$ git clone https://github.com/IMDwivedi1/Git-Example.git
Cloning into 'Git-Example'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (6/6), done.

HiMaNshU@HiMaNshU-PC MINGW64 ~/Desktop/new folder (master)
$
```



GUARDANDO CAMBIOS EN
EL REPOSITORIO

```
HiMaNshU@HiMaNshU-PC MINGW64 ~/Desktop/NewDirectory (master)
$ touch demofile
```

```
HiMaNshU@HiMaNshU-PC MINGW64 ~/Desktop/NewDirectory (master)
$ git status
on branch master
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    demofile

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

G I T S T A T U S

```
HiMaNShU@HiMaNShU-PC MINGW64 ~/Desktop/NewDirectory (master)
$ touch newfile.txt

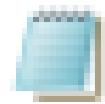
HiMaNShU@HiMaNShU-PC MINGW64 ~/Desktop/NewDirectory (master)
$ git status
On branch master

No commits yet

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

    newfile.txt
```

G I T A D D



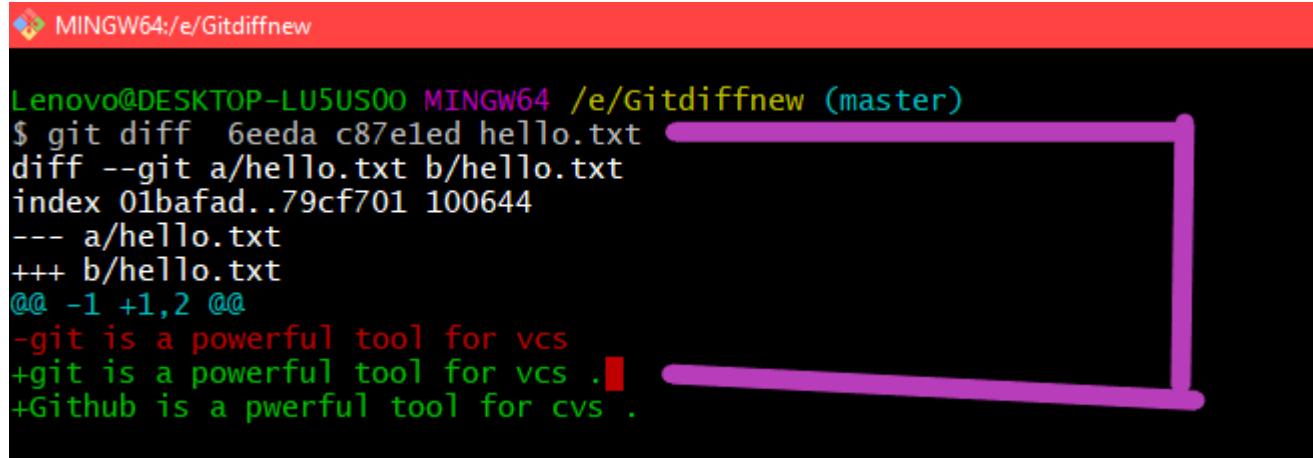
.gitignore - Notepad

File Edit Format View Help

secrets.txt

G I T I G N O R E

G I T D I F F



```
MINGW64:/e/Gitdiffnew
Lenovo@DESKTOP-LU5US00 MINGW64 /e/Gitdiffnew (master)
$ git diff 6eeda c87e1ed hello.txt
diff --git a/hello.txt b/hello.txt
index 01bafad..79cf701 100644
--- a/hello.txt
+++ b/hello.txt
@@ -1 +1,2 @@
-git is a powerful tool for vcs
+git is a powerful tool for vcs .
+Github is a pwerful tool for cvs .
```

COMMIT_EDITMSG + (e:\xampp\htdocs\codeigniter\git) - VIM

```
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       modified:    application/config/dx_auth.php
#       deleted:    application/controllers/auth.php
#       deleted:    application/controllers/backend.php
#       modified:    application/libraries/DX_Auth_Event.php
#       deleted:    application/models/dx_auth/login_attempts.php
#       deleted:    application/models/dx_auth/permissions.php
#       deleted:    application/models/dx_auth/roles.php
#       deleted:    application/models/dx_auth/user_autologin.php
#       deleted:    application/models/dx_auth/user_profile.php
#       deleted:    application/models/dx_auth/user_temp.php
#       deleted:    application/models/dx_auth/users.php
```

G I T C O M M I T

O P C I O N E S

Confirma la instantánea preparada

```
git commit
```

Confirma una instantánea de todos los cambios del directorio de trabajo.

```
git commit -a
```

Si se usa la opción **-m**, se omitirá la solicitud de editor de texto a favor de un mensaje insertado.

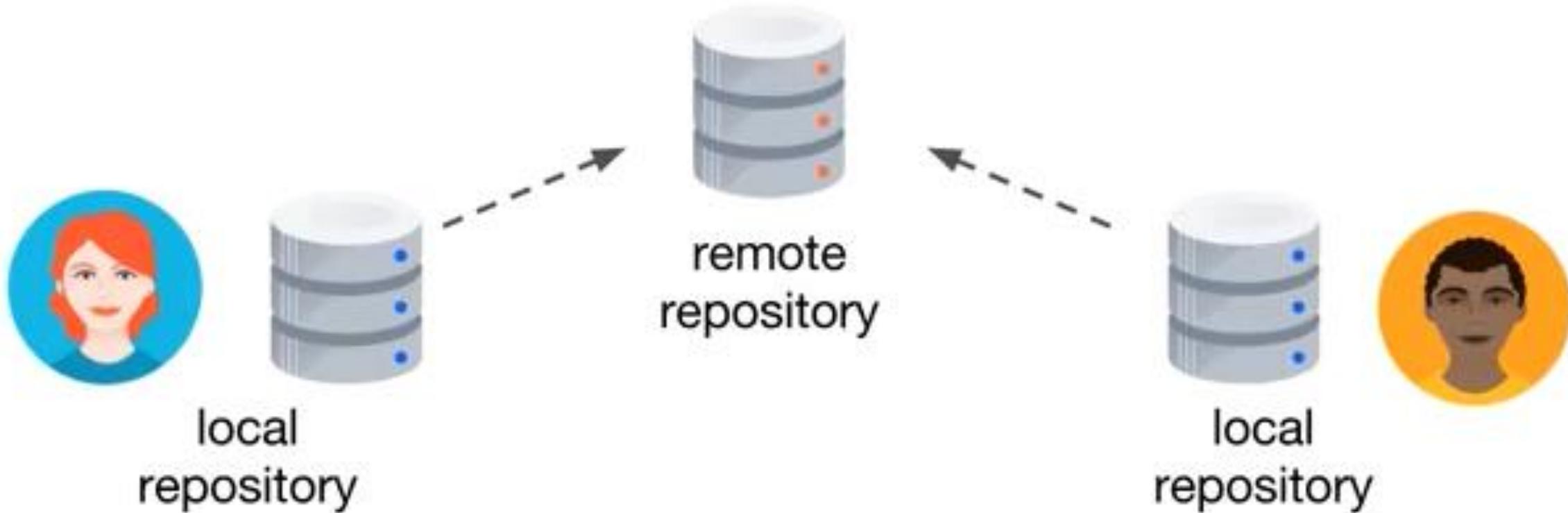
```
git commit -m "commit message"
```

Esta combinación crea inmediatamente una confirmación de todos los cambios preparados y aplica un mensaje de confirmación insertado.

```
git commit -am "commit message"
```

Al pasar esta opción, se modificará la última confirmación. En vez de crear una nueva confirmación, los cambios preparados se añadirán a la confirmación anterior

```
git commit --amend
```



REPOSITORIOS REMOTOS

```
$ cd grit
$ git remote -v
bakkdoor  https://github.com/bakkdoor/grit (fetch)
bakkdoor  https://github.com/bakkdoor/grit (push)
cho45     https://github.com/cho45/grit (fetch)
cho45     https://github.com/cho45/grit (push)
defunkt   https://github.com/defunkt/grit (fetch)
defunkt   https://github.com/defunkt/grit (push)
koke      git://github.com/koke/grit.git (fetch)
koke      git://github.com/koke/grit.git (push)
origin    git@github.com:mojombo/grit.git (fetch)
origin    git@github.com:mojombo/grit.git (push)
```

G I T R E M O T E

```
Welcome@Welcome-PC MINGW64 /e/git-demos/pull-tst (master)
$ git remote add my_bootstrap https://github.com/git-test-jaz/bootstrap.git
```

```
Welcome@Welcome-PC MINGW64 /e/git-demos/pull-tst (master)
$ git remote -v
my_bootstrap    https://github.com/git-test-jaz/bootstrap.git (fetch)
my_bootstrap    https://github.com/git-test-jaz/bootstrap.git (push)
origin          https://github.com/git-test-jaz/tst-pull-2.git (fetch)
origin          https://github.com/git-test-jaz/tst-pull-2.git (push)
```

```
Welcome@Welcome-PC MINGW64 /e/git-demos/pull-tst (master)
$
```

G I T R E M O T E A D D

```
$ git remote show origin
* remote origin
  Fetch URL: https://github.com/schacon/ticgit
  Push URL: https://github.com/schacon/ticgit
  HEAD branch: master
  Remote branches:
    master                  tracked
    dev-branch              tracked
  Local branch configured for 'git pull':
    master merges with remote master
  Local ref configured for 'git push':
    master pushes to master (up to date)
```

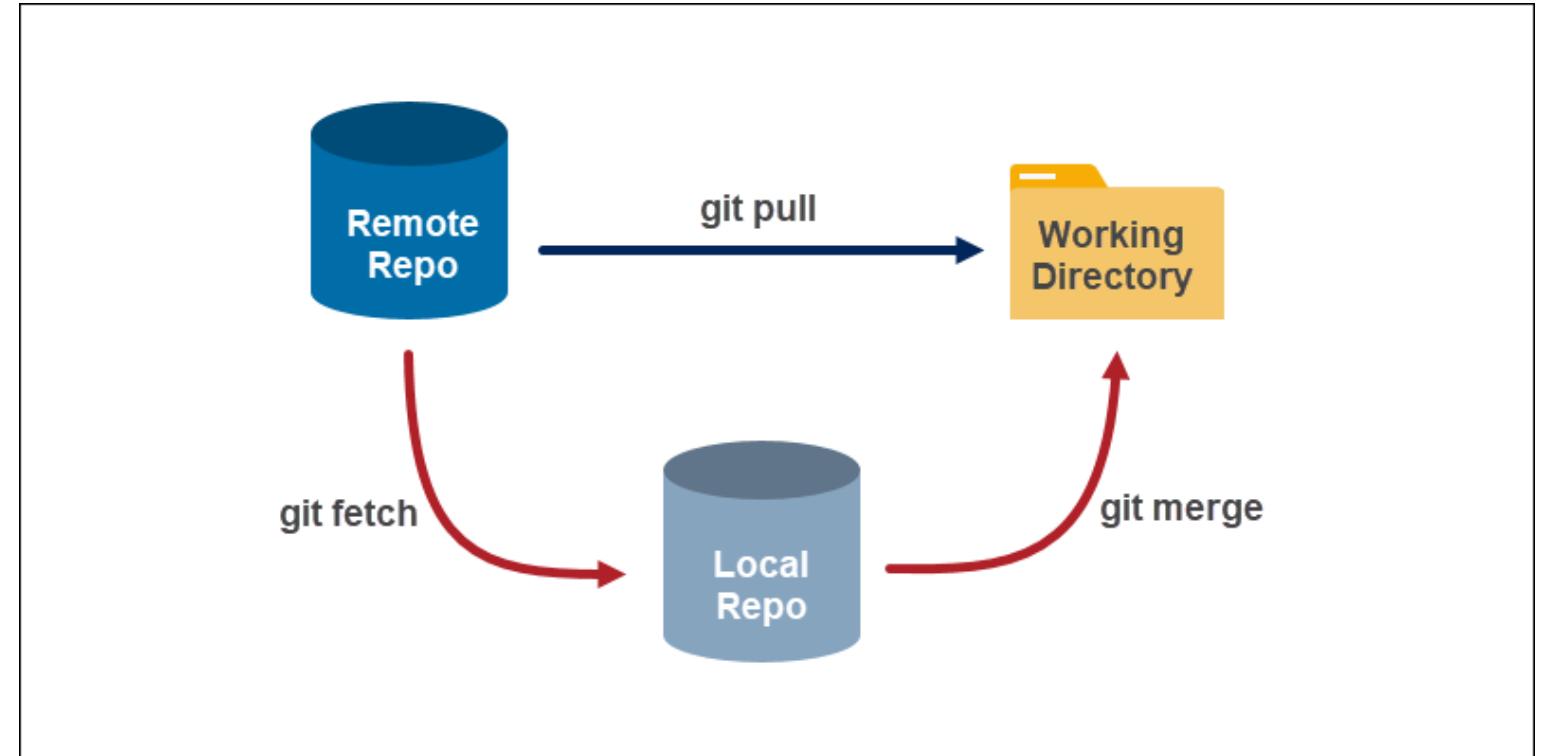
G I T R E M O T E S H O W

MODIFICACIONES SOBRE CONEXIÓN

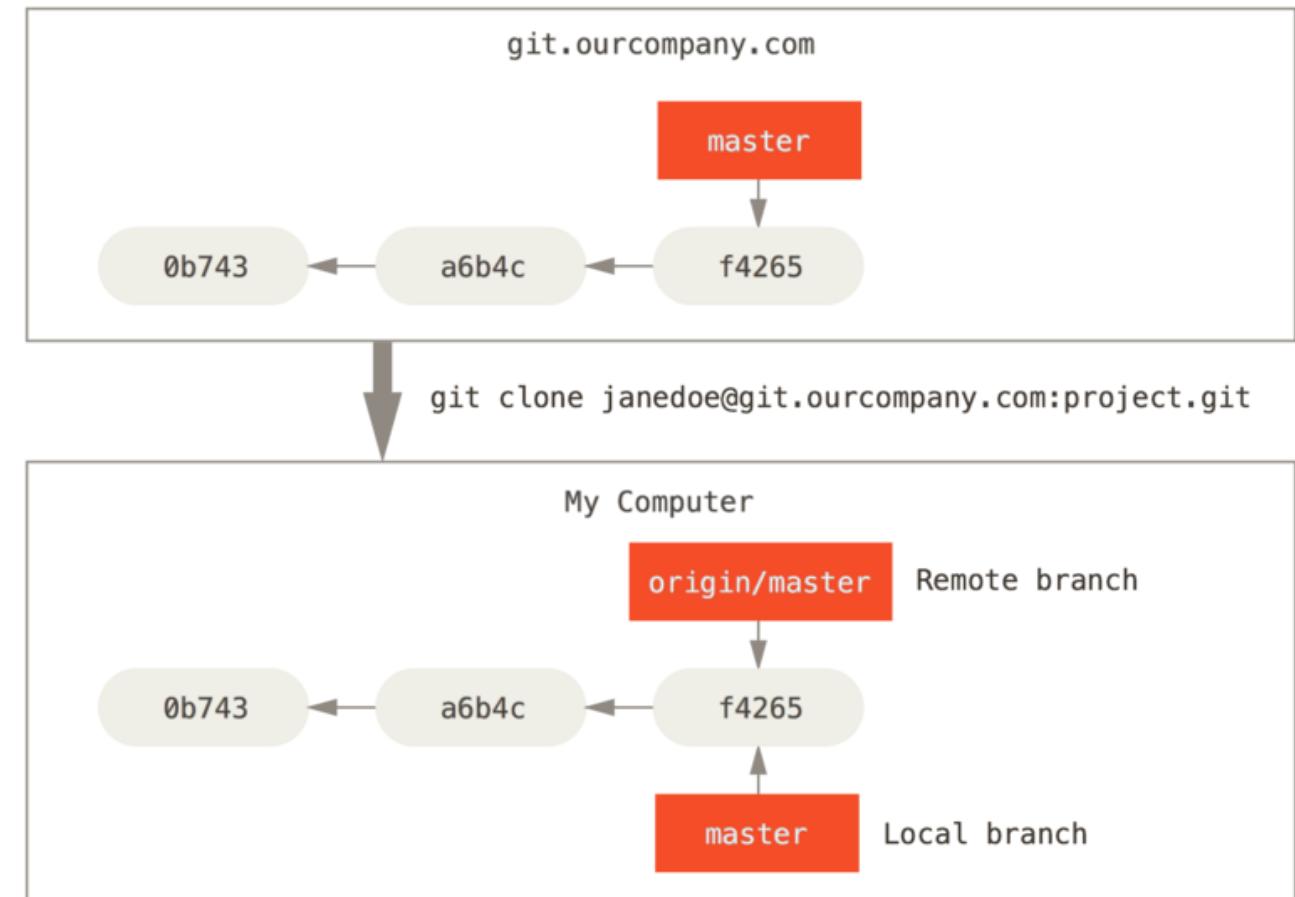
```
git remote rm <name>
```

```
git remote rename <old-name> <new-name>
```

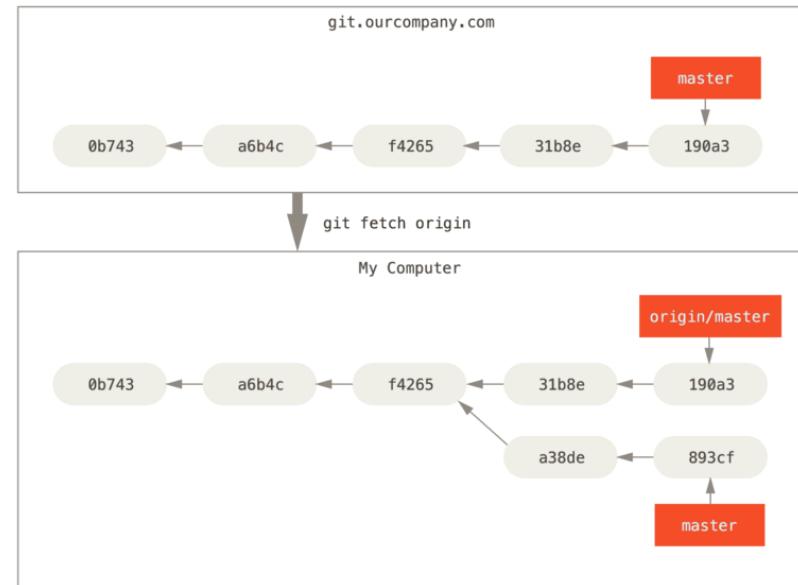
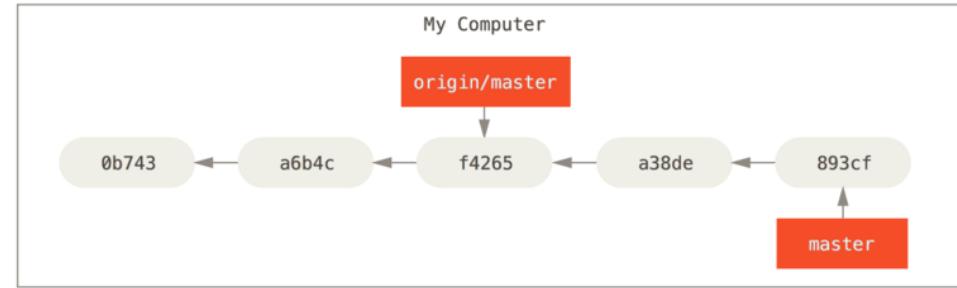
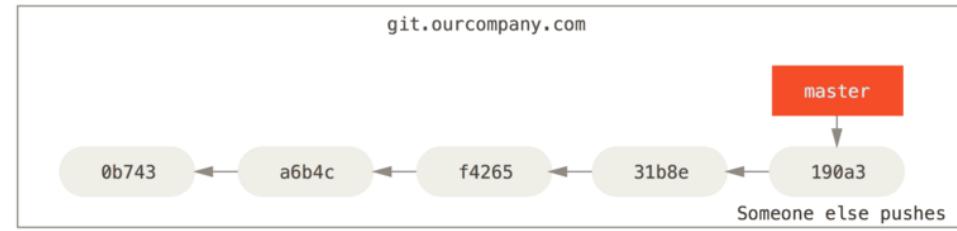
GIT F E T C H



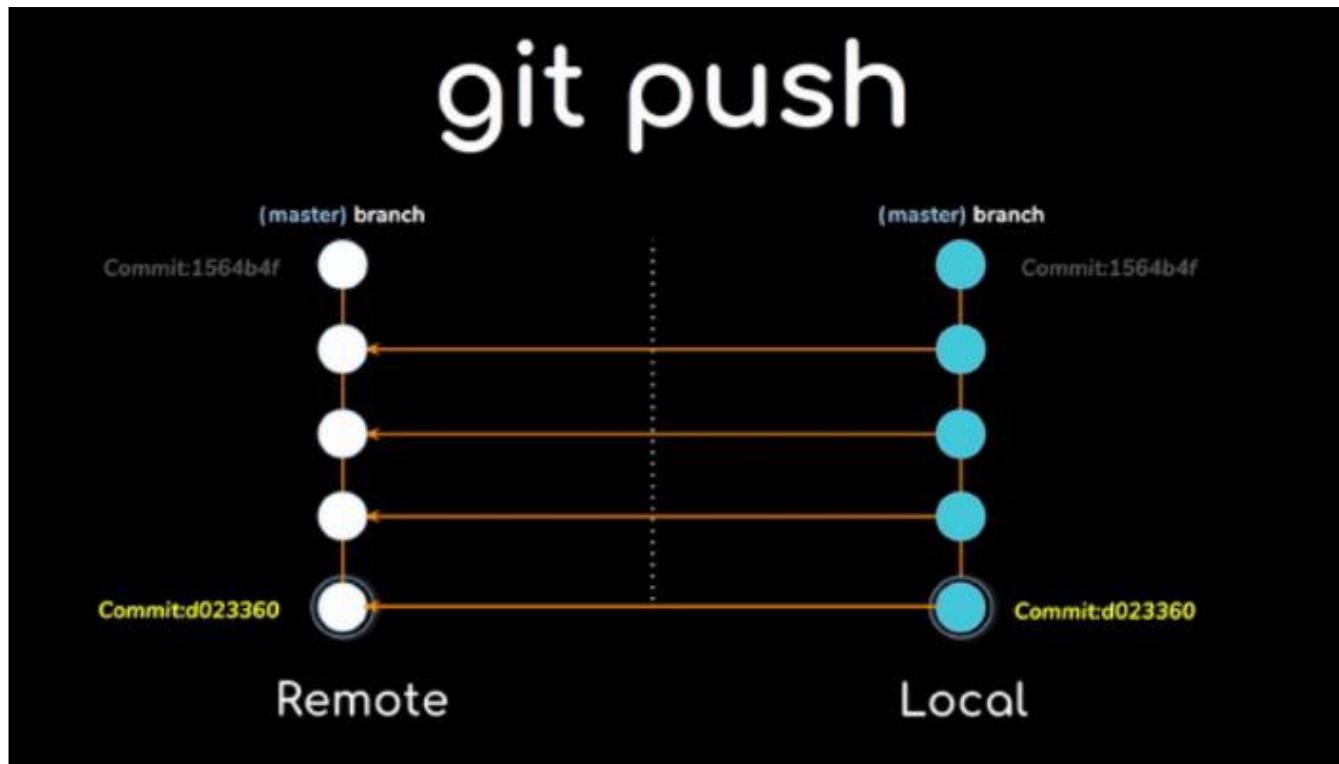
RAMAS REMOTAS



GIT FETCH

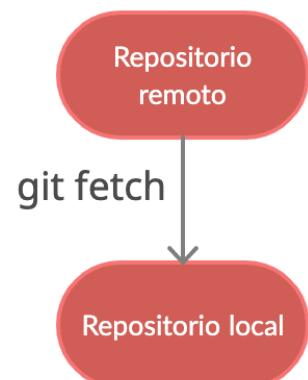


G I T P U S H



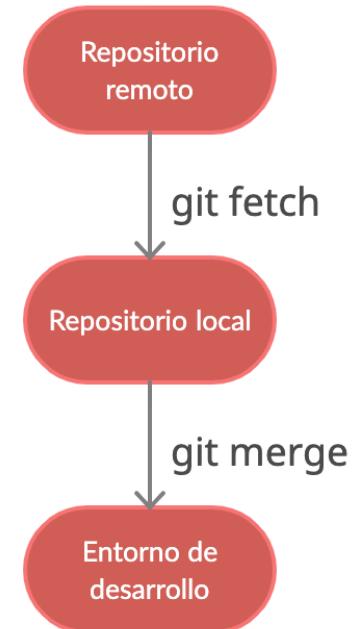
G I T P U L L

git fetch



Entorno de desarrollo

git pull



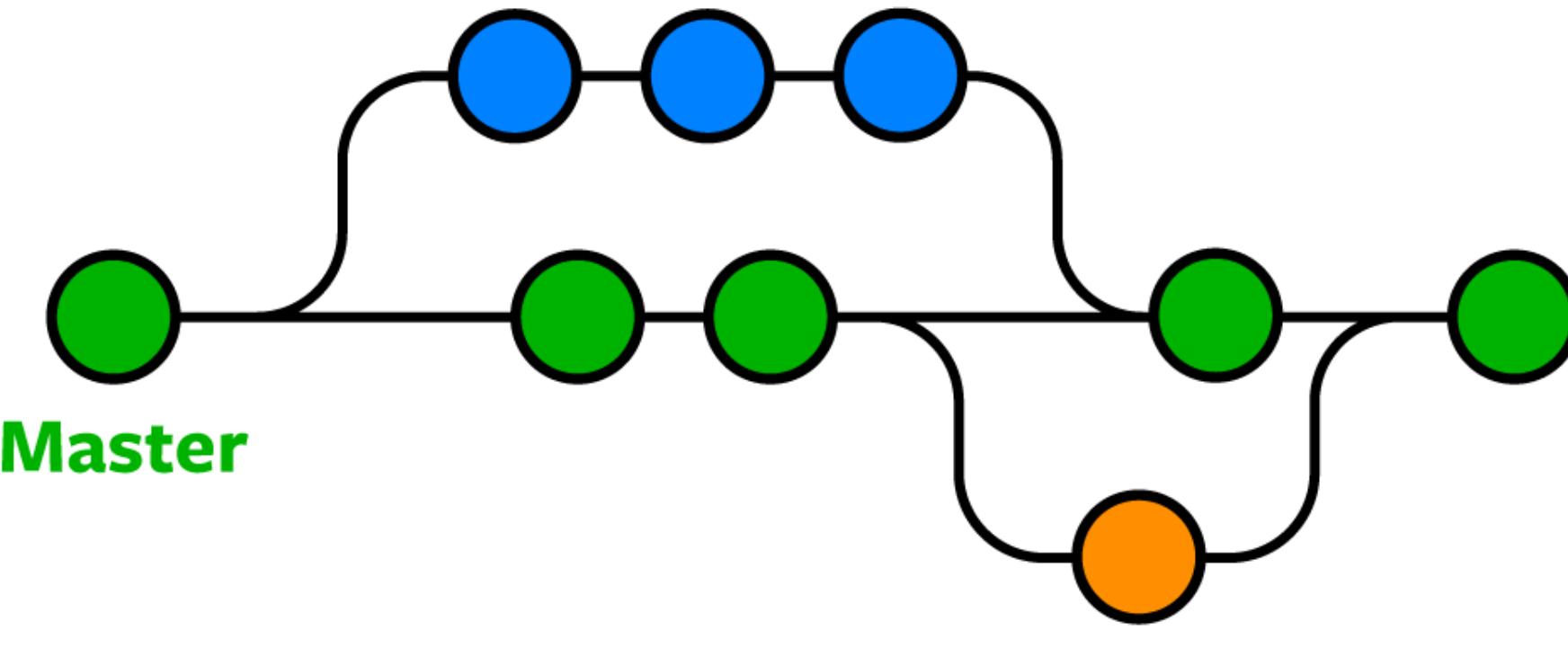
ELIMINAR RAMAS REMOTAS

```
git push origin --delete fix/authentication
```

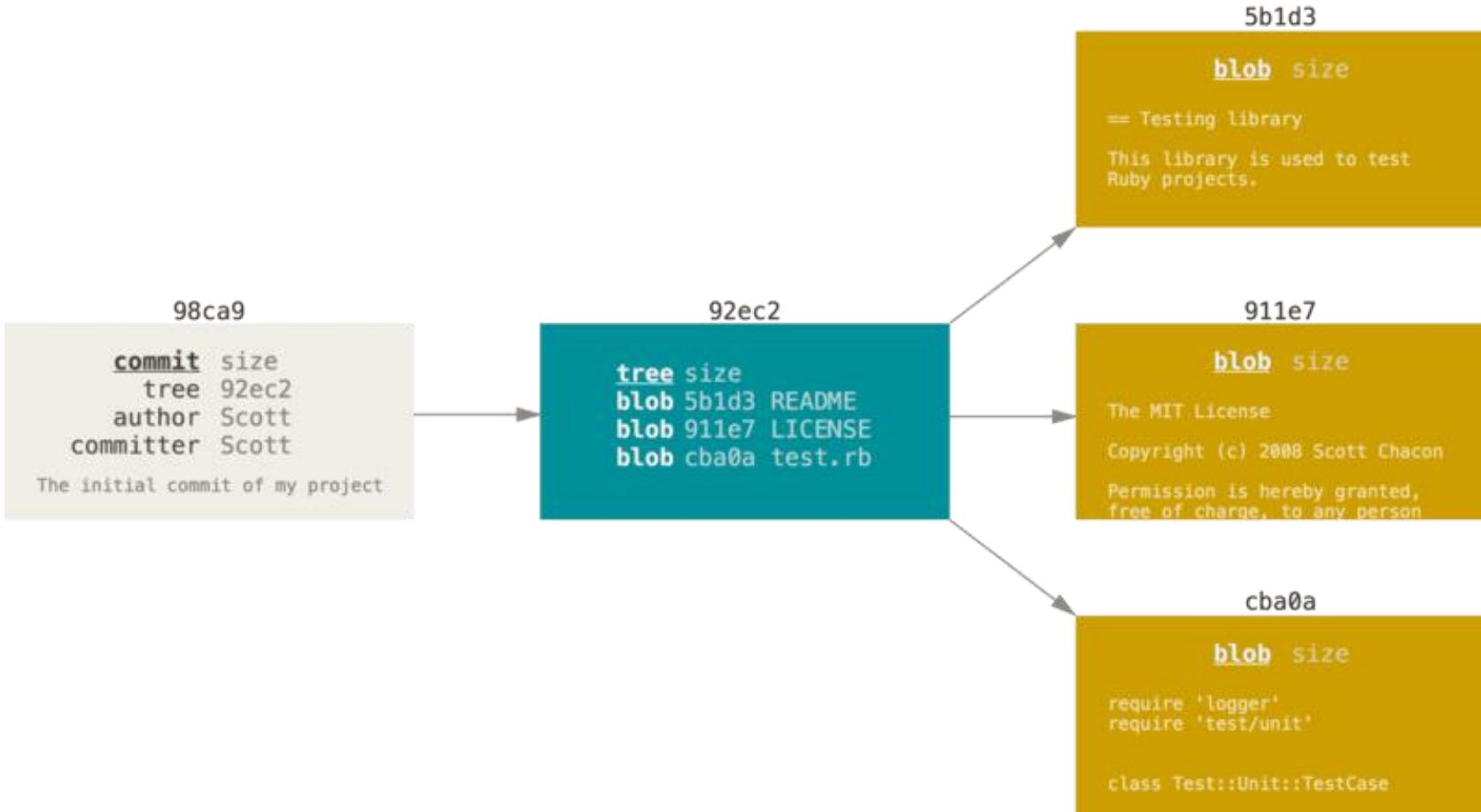
LABORATORIO 1



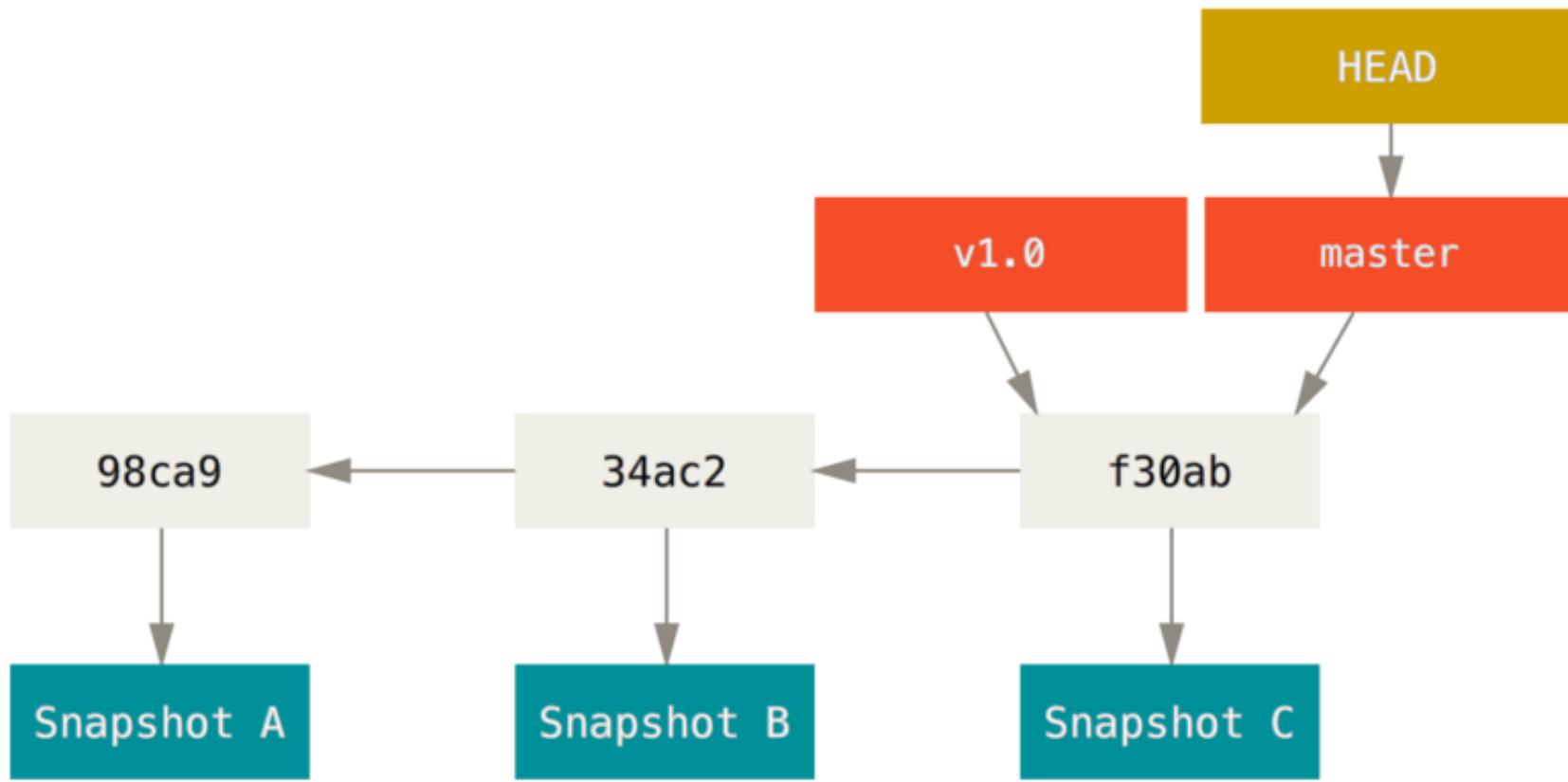
Your Work



RAMIFICACIONES

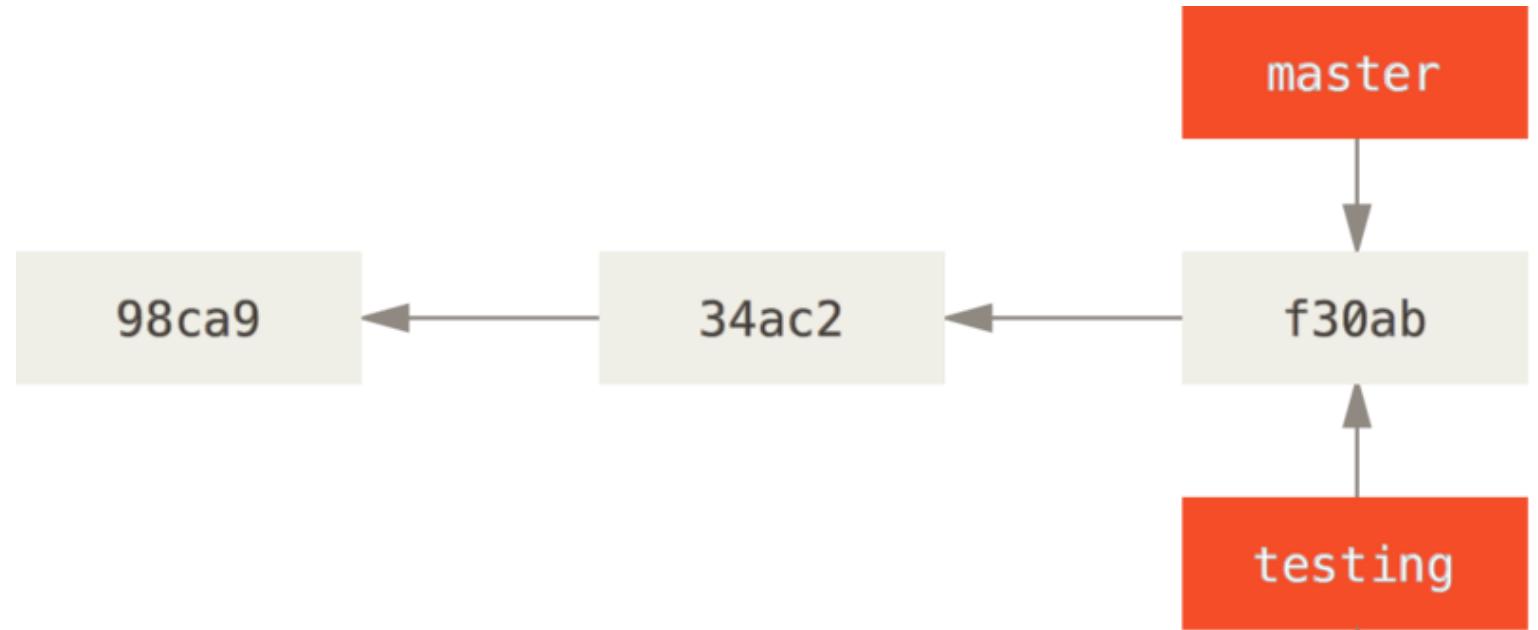


¿QUE ES UNA RAMA?



A P U N T A D O R M O V I L

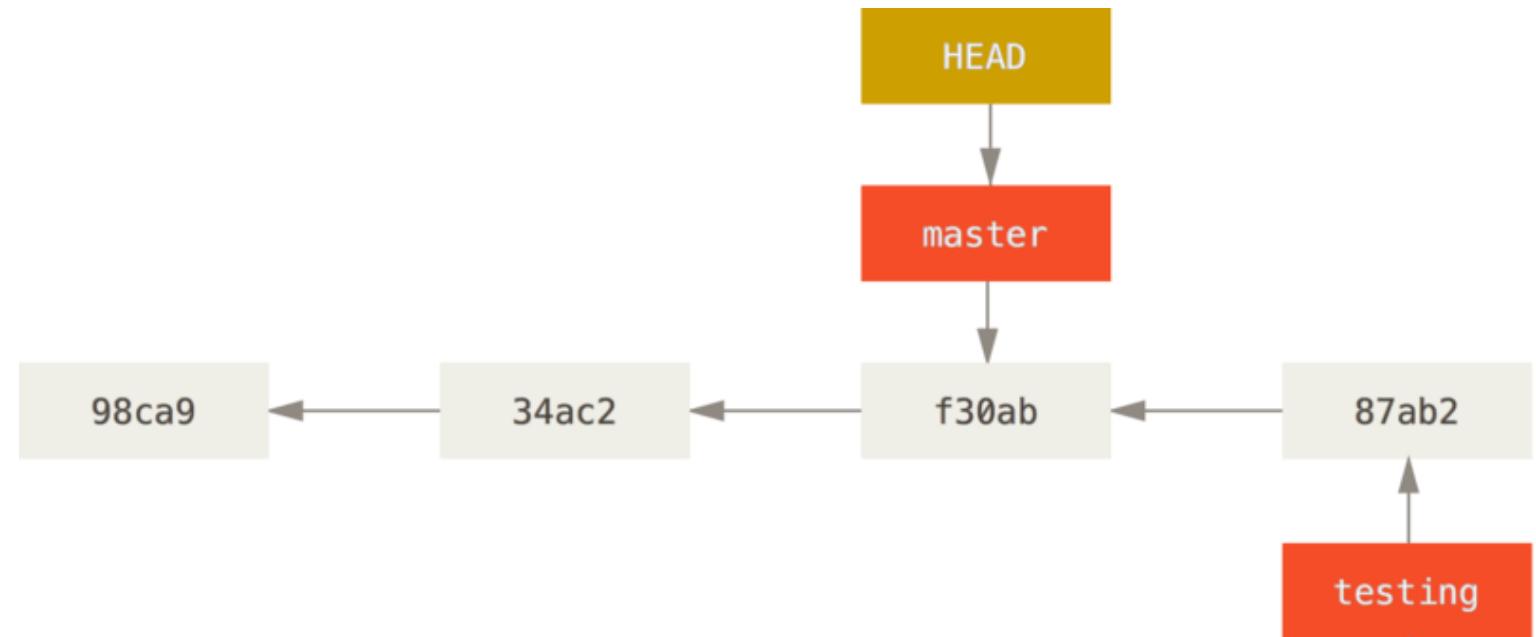
NUEVAS RAMAS



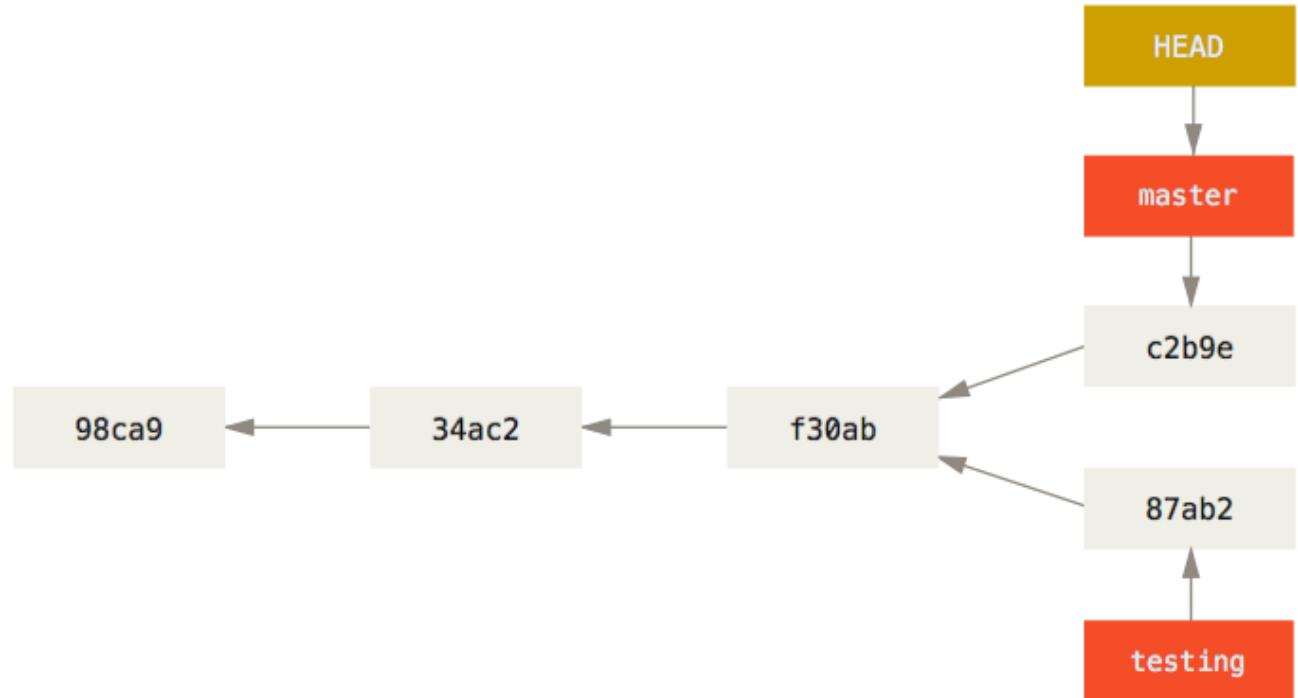
MOVERNOS DE UNA RAMA A OTRA



MOVERNOS DE UNA RAMA A OTRA



¿QUE NOS
QUEDA
FINALMENTE?



E J E M P L O

Trabajas en un sitio web.

Creas una rama para un nuevo tema sobre el que quieres trabajar.

Realizas algo de trabajo en esa rama.

En este momento, recibes una llamada avisándote de un problema crítico que has de resolver. Y sigues los siguientes pasos:

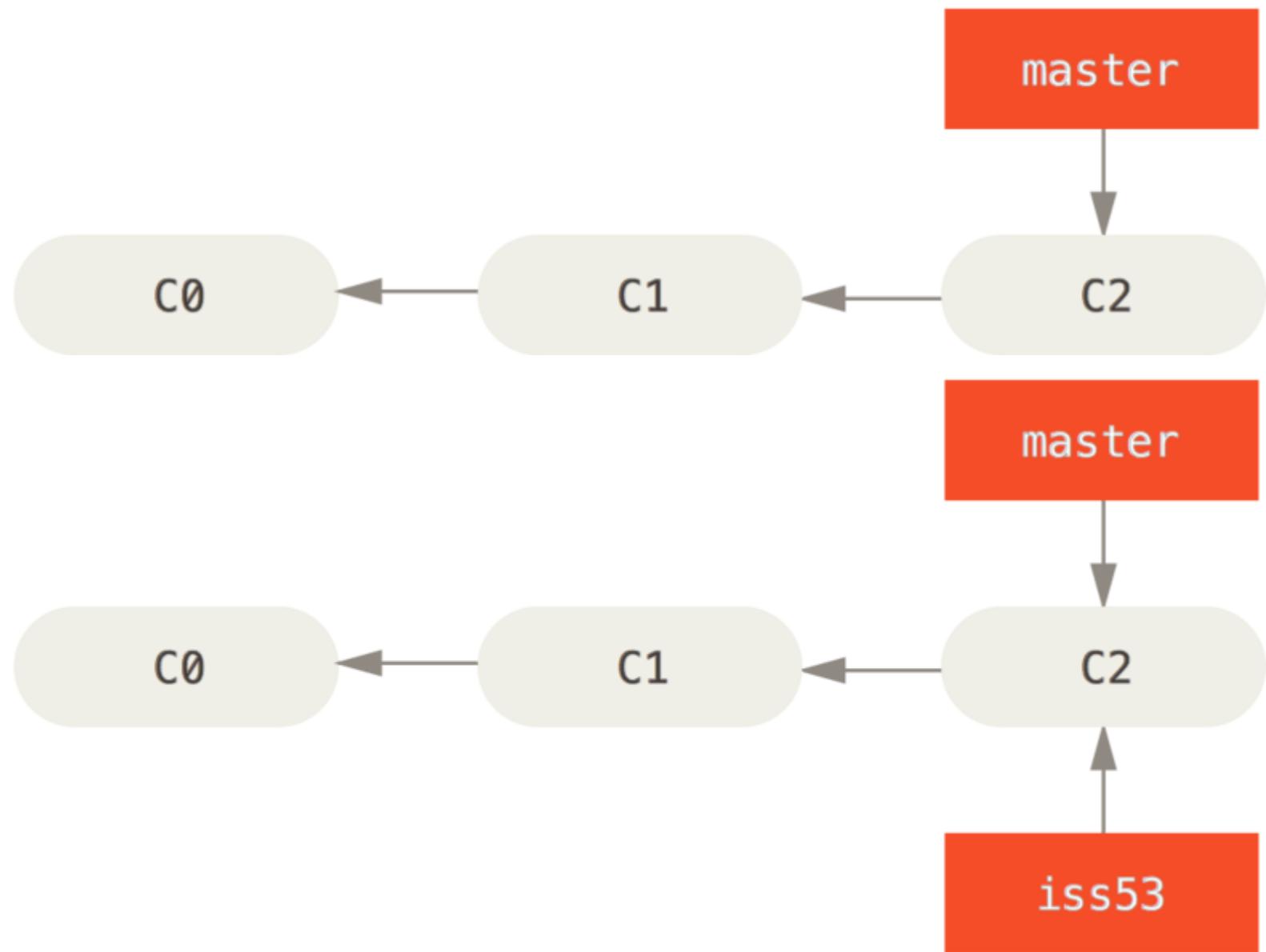
Vuelves a la rama de producción original.

Creas una nueva rama para el problema crítico y lo resuelves trabajando en ella.

Tras las pertinentes pruebas, fusionas (merge) esa rama y la envías (push) a la rama de producción.

Vuelves a la rama del tema en que andabas antes de la llamada y continuas tu trabajo

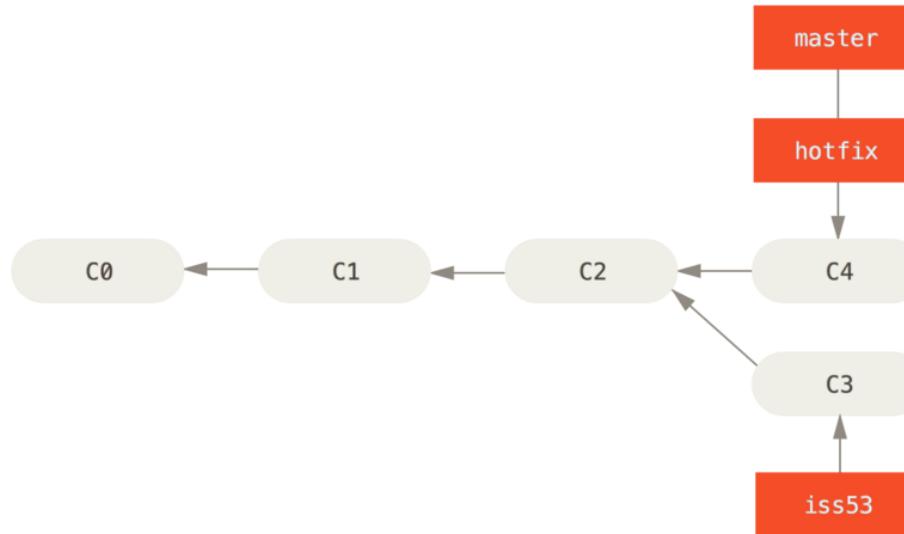
PASO 1



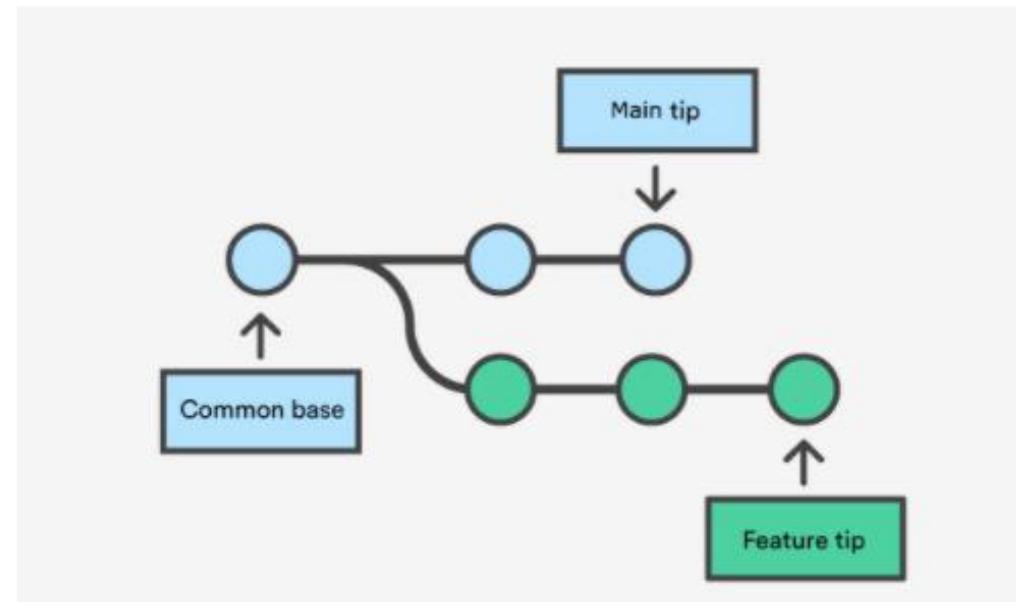
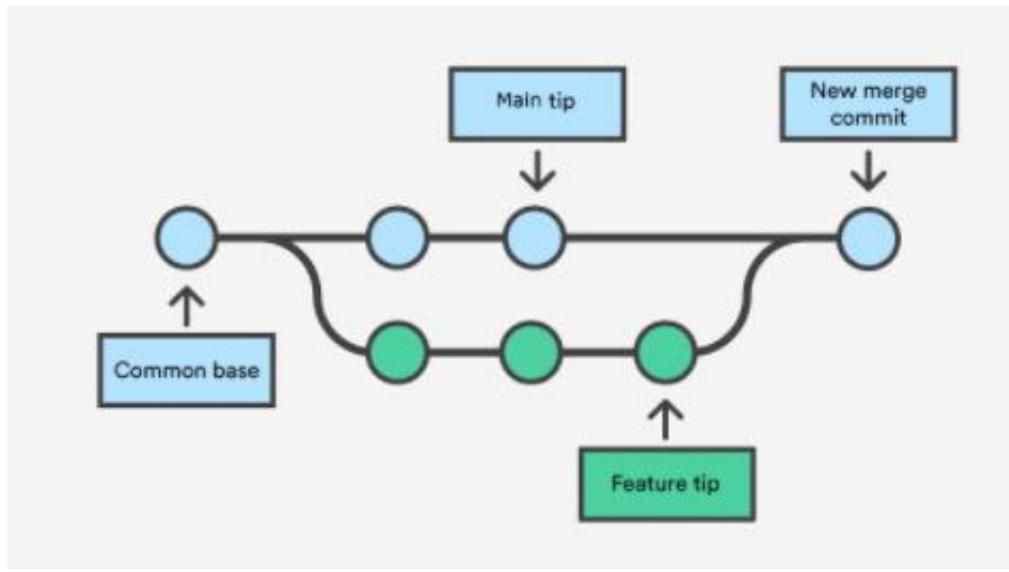
RECIBES LA LLAMADA

```
$ git checkout master  
Switched to branch 'master'
```

```
$ git checkout -b hotfix  
Switched to a new branch 'hotfix'  
$ vim index.html  
$ git commit -a -m 'fixed the broken email address'  
[hotfix 1fb7853] fixed the broken email address  
1 file changed, 2 insertions(+)
```



MERGE



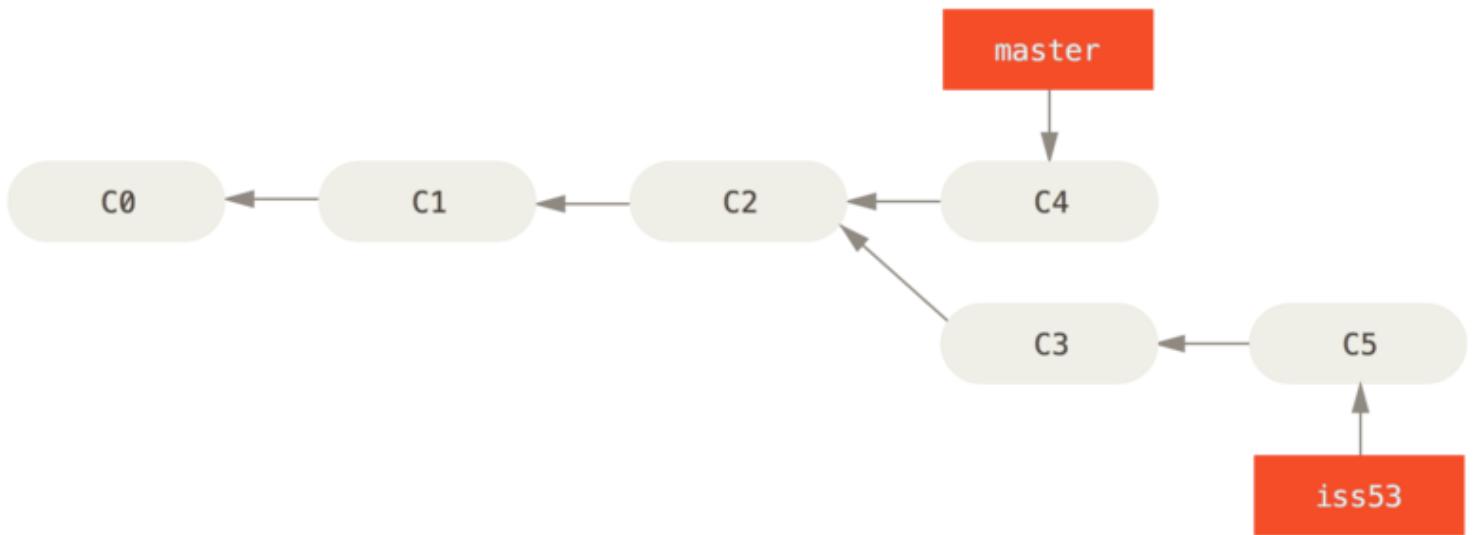
SOLUCIONAMOS EL PROBLEMA URGENTE

```
$ git branch -d hotfix
Deleted branch hotfix (3a0874c).
```

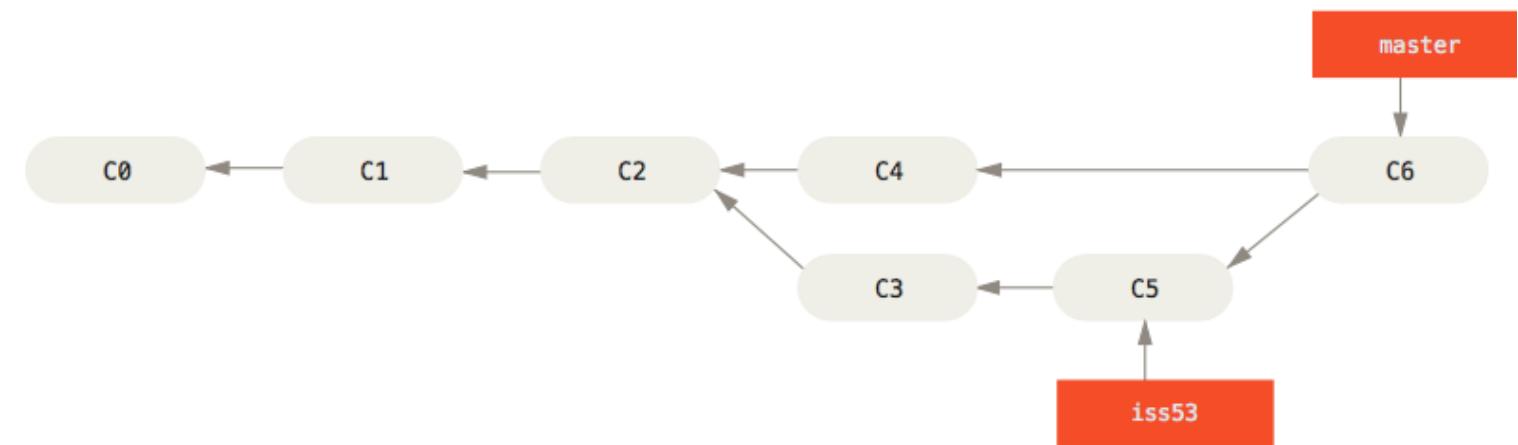
```
$ git checkout iss53
Switched to branch "iss53"
$ vim index.html
$ git commit -a -m 'finished the new footer [issue 53]'
[iss53 ad82d7a] finished the new footer [issue 53]
1 file changed, 1 insertion(+)
```

```
$ git checkout master
$ git merge hotfix
Updating f42c576..3a0874c
Fast-forward
 index.html | 2 ++
 1 file changed, 2 insertions(+)
```

SITUACIÓN ACTUAL



RESOLVIENDO EL PROBLEMA INICIAL



DEMO

- ▶ packages
- ▶ scripts
- ▶ src
- ▶ test
- ▶ types

.babelrc.js

.editorconfig

.eslintignore

.eslintrc.js

.flowconfig

.gitignore

BACKERS.md

v2.6.0-beta.2 | build: release 2.6.0-beta.2

build: build 2.6.0-beta.2

feat: dynamic directive arguments for v-on, v-bind and custom directives (#9370)

origin/dynamic-directive-arguments

feat: dynamic args for custom directives

perf: improve scoped slots change detection accuracy (#9371)

test: test cases for v-on/v-bind dynamic arguments

refactor: v-bind dynamic arguments use bind helper

test: fix tests, resolve helper conflict

fix: fix middle modifier

feat: handle dynamic argument for v-bind.sync

origin/slot-optimization

perf: improve scoped slots change detection

feat: dynamic directive arguments for v-bind and v-on

refactor: extend dom-props update skip to more attributes (#9372)

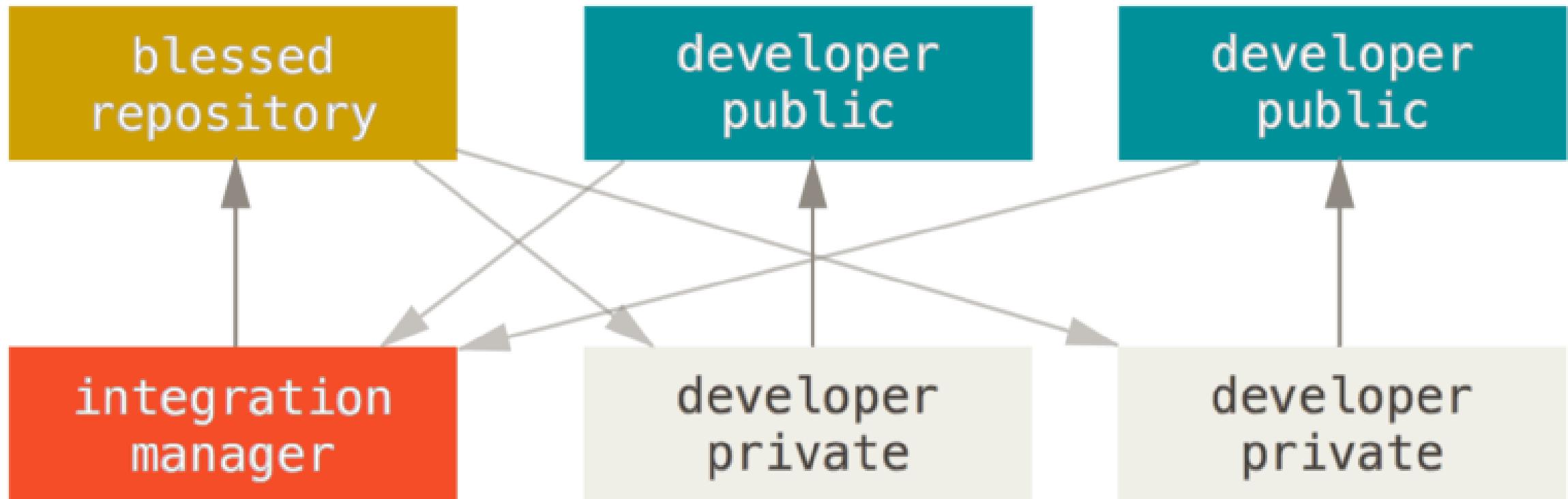
fix: fix checkbox event edge case in Firefox

test: fix tests in IE/Edge

refactor: simplify build script

F O R K

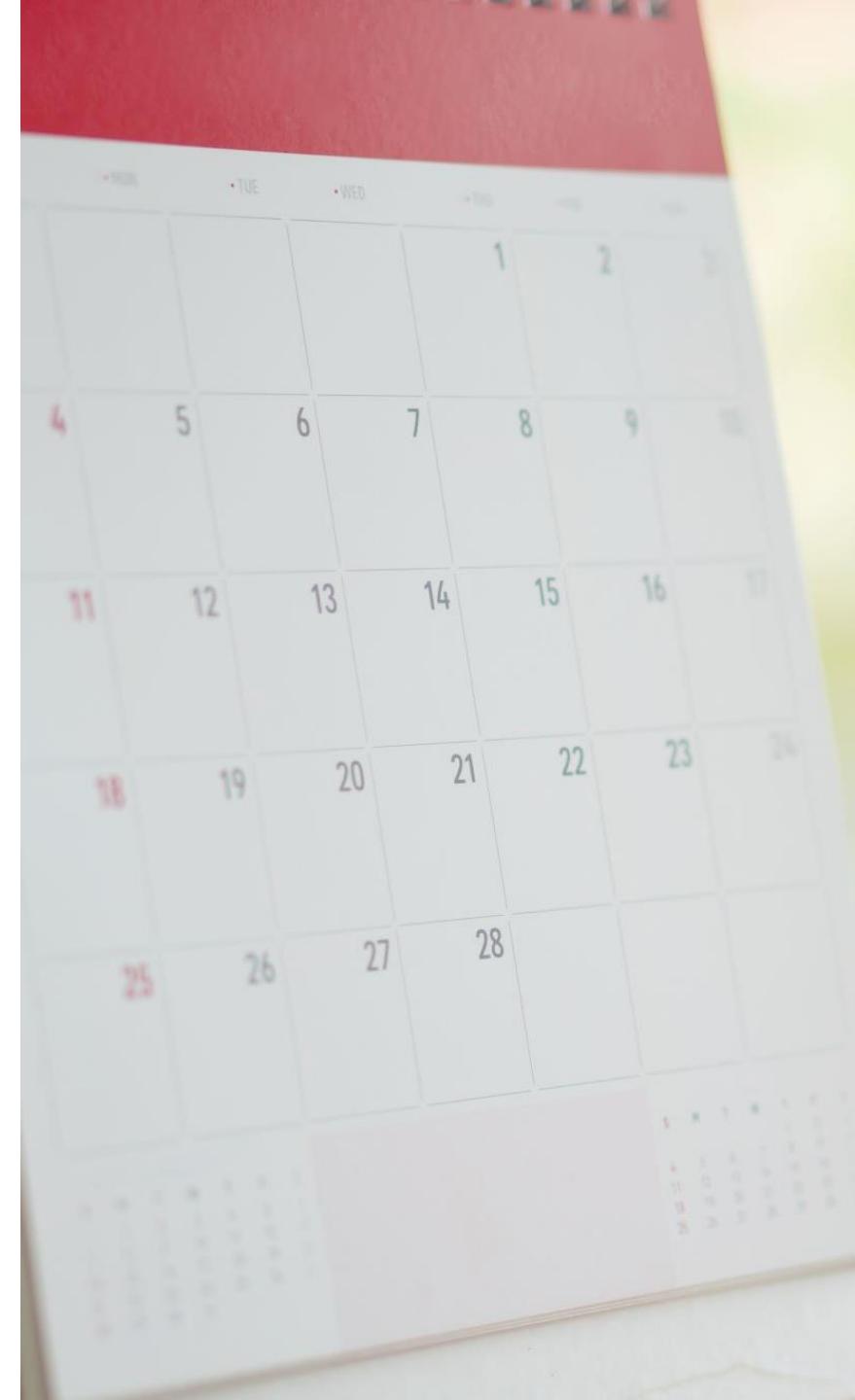




FLUJO DE TRABAJO

FLUJO DE TRABAJO

1. Se crea una rama a partir de master.
2. Se realizan algunos commits hacia esa rama.
3. Se envía esa rama hacia tu copia (fork) del proyecto.
4. Abres un Pull Request.
5. Se participa en la discusión asociada y, opcionalmente, se realizan nuevos commits.
6. El propietario del proyecto original cierra el Pull Request, bien fusionando la rama con tus cambios o bien rechazándolos.



PULL REQUEST

Bitbucket Teams - Repositories - Create

foo-project mary Share

Clone Branch Pull request ...

Overview Source Commits Branches Pull requests 1 Downloads

Create a pull request

mary / foo-project
Created 2013-08-20, updated 23 hours ago

some-feature

john / foo-project

main

Title: Mary's Awesome Feature

Description

Mary's awesome feature adds all sorts of great functionality to the project.

Reviewers: Start typing to search for a user

Close branch Close main after the pull request is merged

Create pull request

The screenshot shows the Bitbucket interface for creating a pull request. At the top, there's a navigation bar with 'Bitbucket', 'Teams', 'Repositories', 'Create', a search bar ('owner/repository'), and user account information. Below the navigation is the repository 'foo-project' owned by 'mary'. The repository page includes links for 'Overview', 'Source', 'Commits', 'Branches', 'Pull requests' (with a count of 1), and 'Downloads'. A gear icon for settings is also present. The main content area is titled 'Create a pull request'. It shows a diagram of two branches: 'some-feature' (from 'mary / foo-project') merging into 'main' (from 'john / foo-project'). The pull request form includes fields for 'Title' (set to 'Mary's Awesome Feature'), 'Description' (containing the text 'Mary's awesome feature adds all sorts of great functionality to the project.'), and 'Reviewers' (a placeholder 'Start typing to search for a user'). At the bottom, there's a checkbox for 'Close branch' and another for 'Close main after the pull request is merged', followed by a large blue 'Create pull request' button.

 feature/BLUES-273-add-error-handling → master **OPEN**

2 open tasks  Merge ...

BLUES-273 - Handle errors when fetching dashboard details

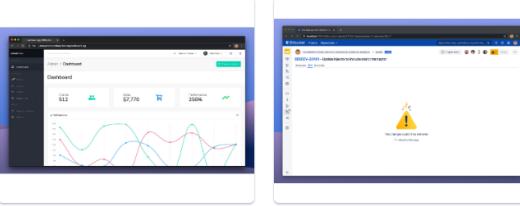
[Overview](#) [Diff](#) [Commits](#)

 **Matthieu Di Berardino** created a pull request Yesterday

Changes

- Added new `ServerError` widget to show common errors with an illustration,
- Added handling of the error case when dashboard details can't be retrieved.

Screenshots

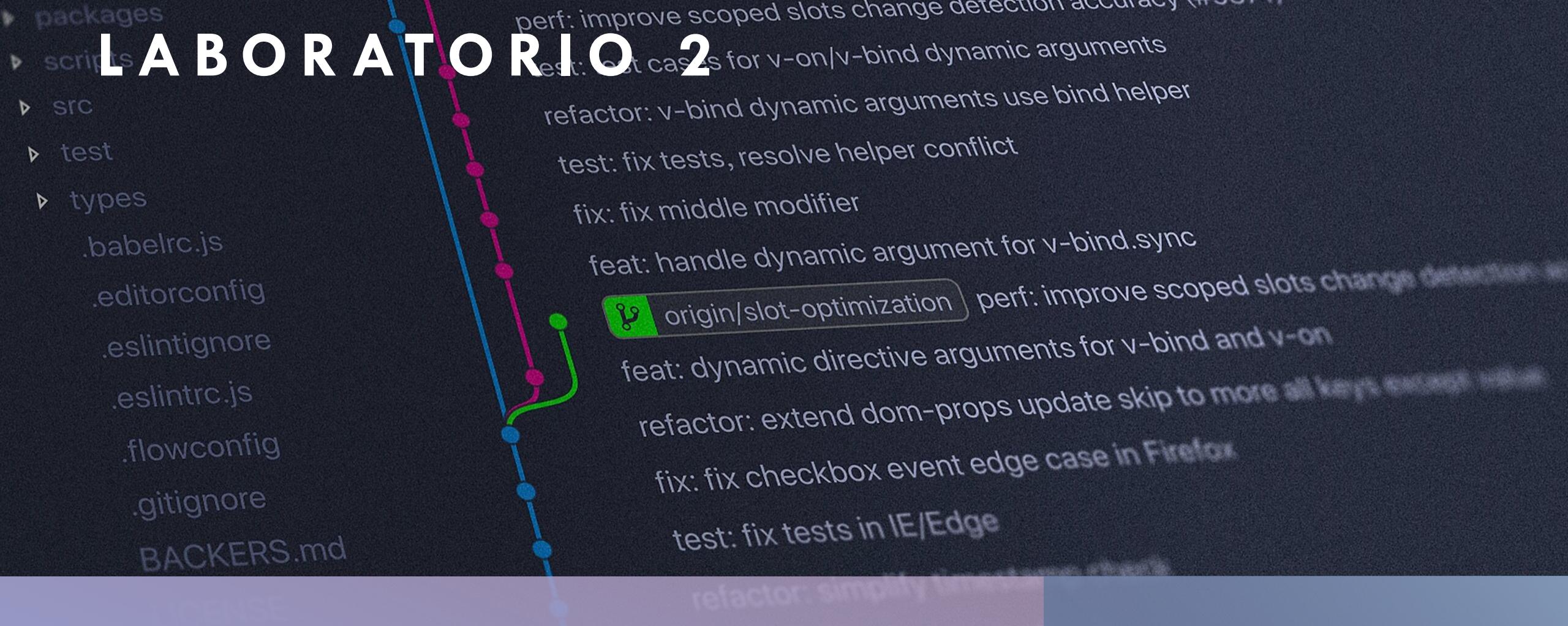


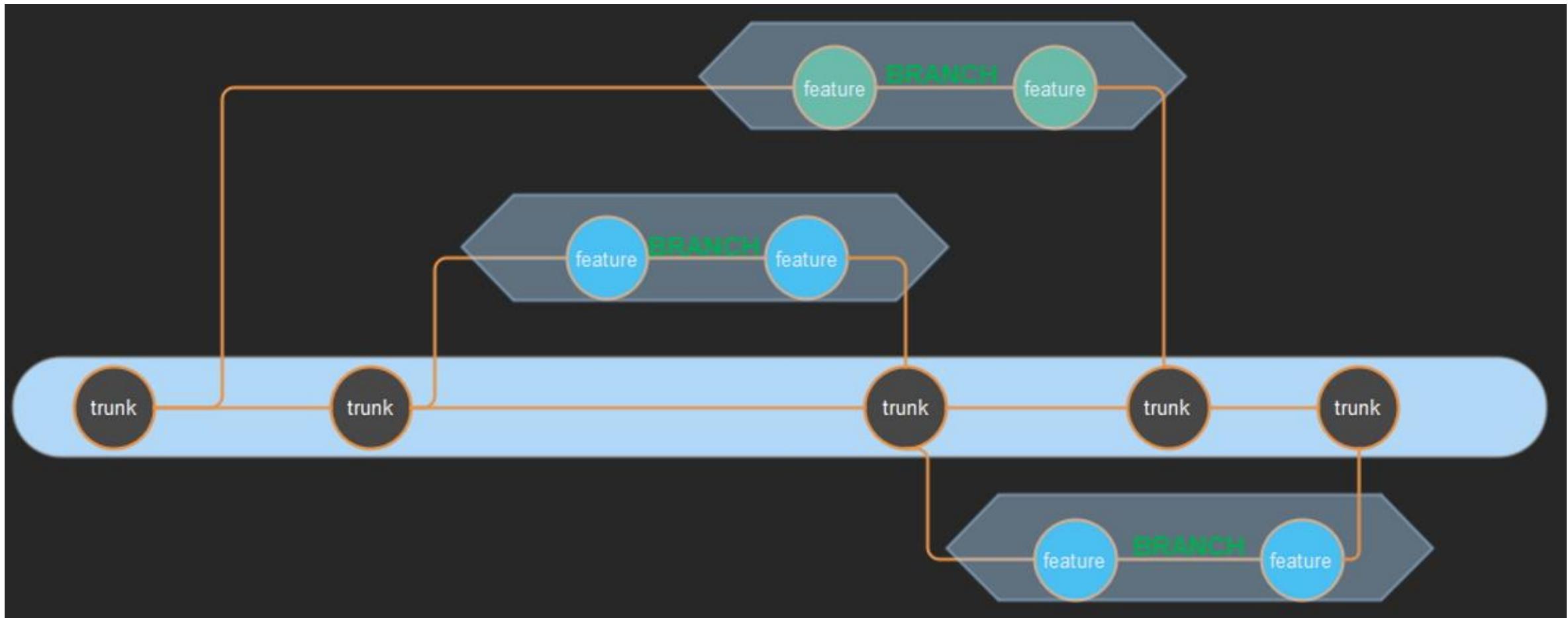
Activity

 What do you want to say?

PULL REQUEST

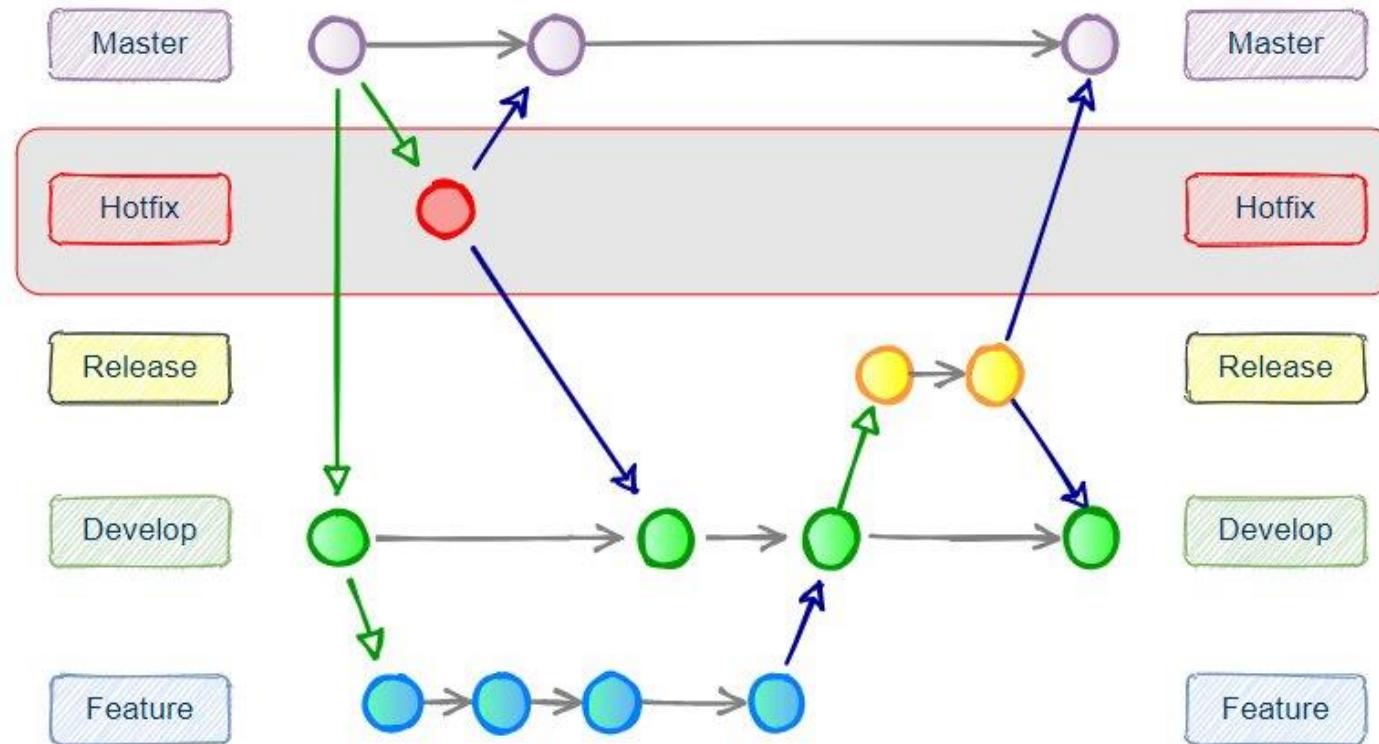
LABORATORIO 2





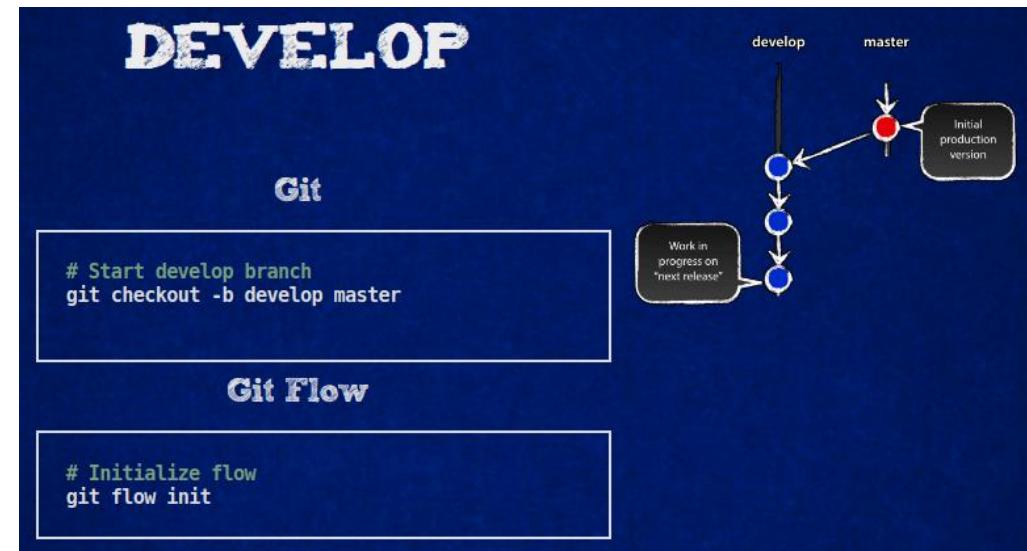
DESARROLLO BASADO EN
TRONCOS

Gitflow Workflow Diagram



GITFLOW

RAMAS PRINCIPALES



FEATURE/*

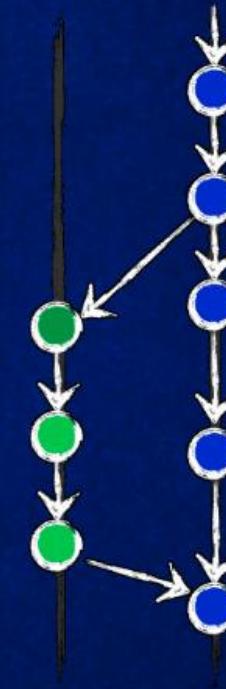
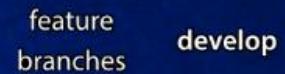
Git

```
# Creación
git checkout -b feature/lorem-ipsum develop

# Finalización
git checkout develop
git merge --no-ff feature/lorem-ipsum
git branch -d feature/lorem-ipsum
git push origin develop
```

Git Flow

```
# Creación  
git flow feature start lorem-ipsum  
  
# Finalización  
git flow feature finish lorem-ipsum
```



FEATURE

RELEASE

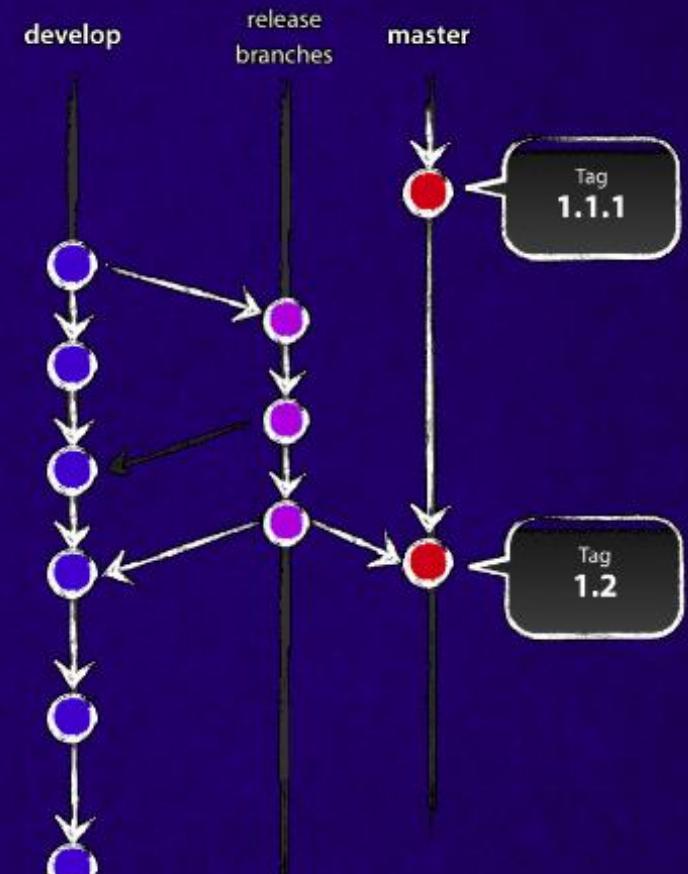
RELEASE/VERSION

Git

```
# Creación  
git checkout -b release/v2.3.0 develop  
  
# Finalización  
git checkout master  
git merge --no-ff release/v2.3.0  
git tag -a v2.3.0  
  
git checkout develop  
git merge --no-ff release/v2.3.0  
  
git branch -d release/v2.3.0
```

Git Flow

```
# Creación  
git flow release start v2.3.0  
  
# Finalización  
git flow release finish v2.3.0
```



DEMO

```
▶ packages  
▶ scripts  
▶ src  
▶ test  
▶ types
```

.babelrc.js

.editorconfig

.eslintignore

.eslintrc.js

.flowconfig

.gitignore

BACKERS.md

build: build 2.6.0-beta.2

feat: dynamic directive arguments for v-on, v-bind and custom directives (#9371)

origin/dynamic-directive-arguments

feat: dynamic args for custom directives

perf: improve scoped slots change detection accuracy (#9371)

test: test cases for v-on/v-bind dynamic arguments

refactor: v-bind dynamic arguments use bind helper

test: fix tests, resolve helper conflict

fix: fix middle modifier

feat: handle dynamic argument for v-bind.sync

origin/slot-optimization

perf: improve scoped slots change detection accuracy (#9371)

feat: dynamic directive arguments for v-bind and v-on

refactor: extend dom-props update skip to more attributes (#9371)

fix: fix checkbox event edge case in Firefox

test: fix tests in IE/Edge

refactor: simplify code

HOTFIX

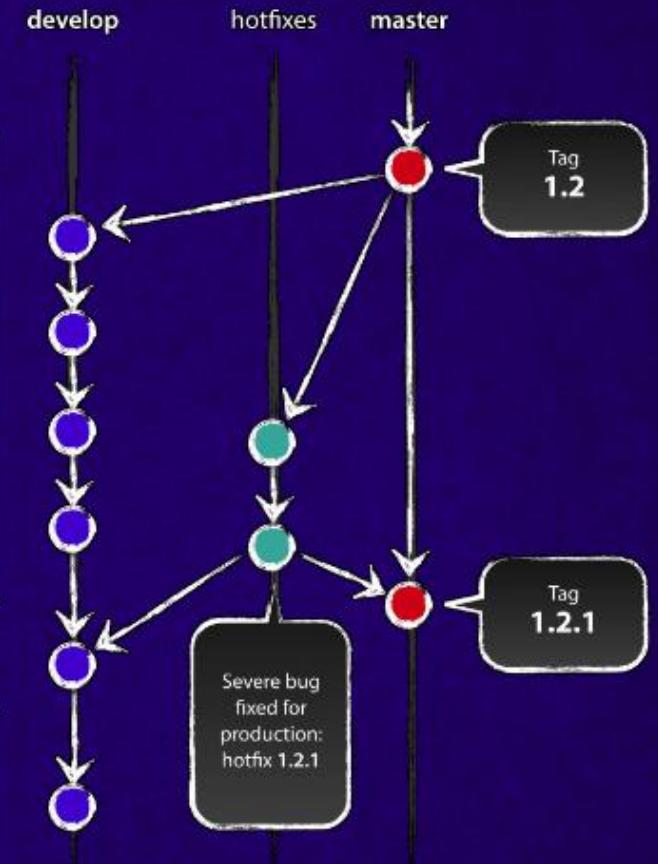
HOTFIX/VERSION

Git

```
# Creación  
git checkout -b hotfix/v2.3.7 master  
  
# Finalización  
git checkout master  
git merge --no-ff hotfix/v2.3.7  
git tag -a v2.3.7  
  
git checkout develop  
git merge --no-ff hotfix/v2.3.7  
  
git branch -d hotfix/v2.3.7
```

Git Flow

```
# Creación  
git flow hotfix start v2.3.7  
  
# Finalización  
git flow hotfix finish v2.3.7
```



DEMO

- ▶ packages
- ▶ scripts
- ▶ src
- ▶ test
- ▶ types

.babelrc.js

.editorconfig

.eslintignore

.eslintrc.js

.flowconfig

.gitignore

BACKERS.md

v2.6.0-beta.2 | build: release 2.6.0-beta.2

build: build 2.6.0-beta.2

feat: dynamic directive arguments for v-on, v-bind and custom directives (#9370)

origin/dynamic-directive-arguments

feat: dynamic args for custom directives

perf: improve scoped slots change detection accuracy (#9371)

test: test cases for v-on/v-bind dynamic arguments

refactor: v-bind dynamic arguments use bind helper

test: fix tests, resolve helper conflict

fix: fix middle modifier

feat: handle dynamic argument for v-bind.sync

origin/slot-optimization

perf: improve scoped slots change detection

feat: dynamic directive arguments for v-bind and v-on

refactor: extend dom-props update skip to more attributes (#9372)

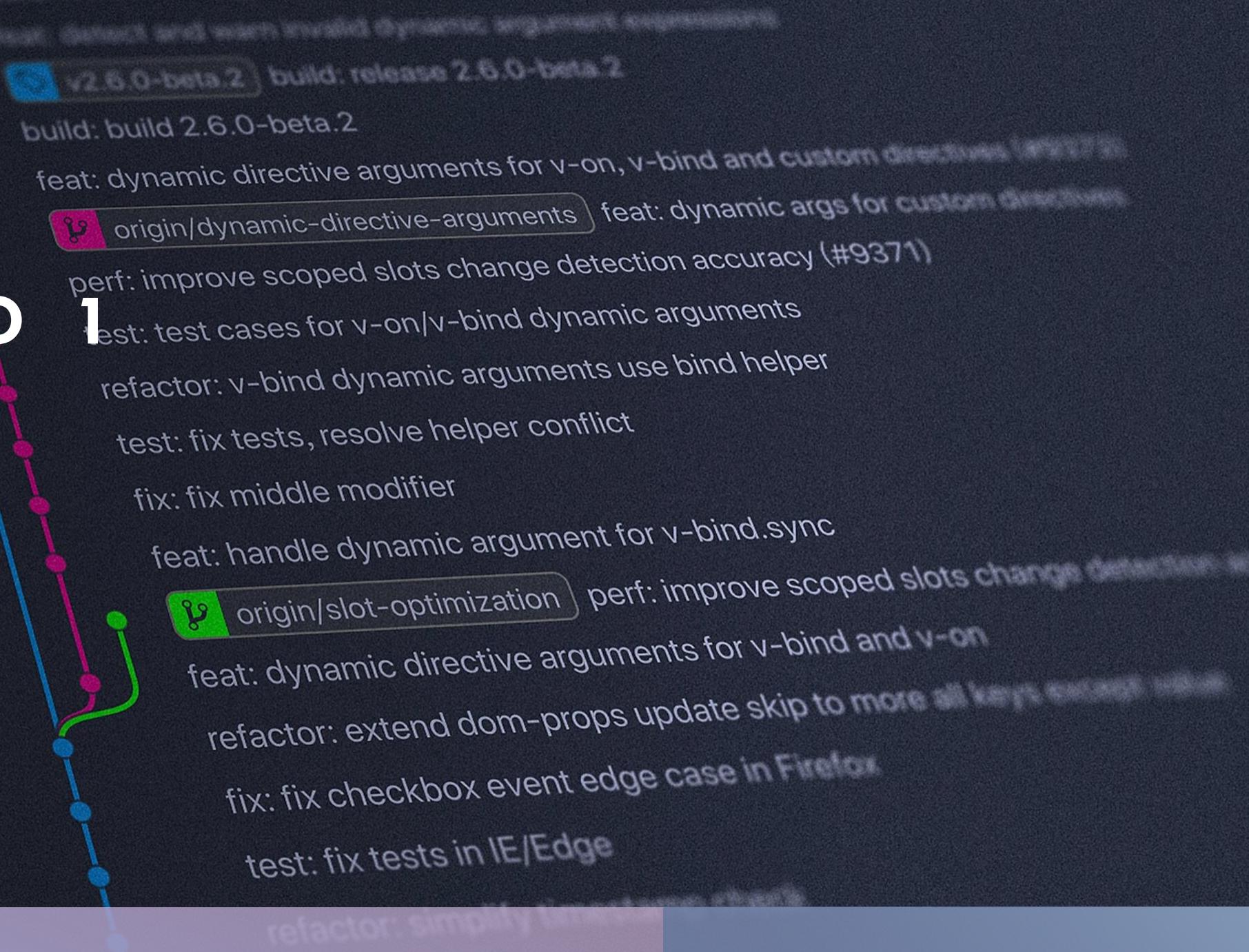
fix: fix checkbox event edge case in Firefox

test: fix tests in IE/Edge

refactor: simplify code

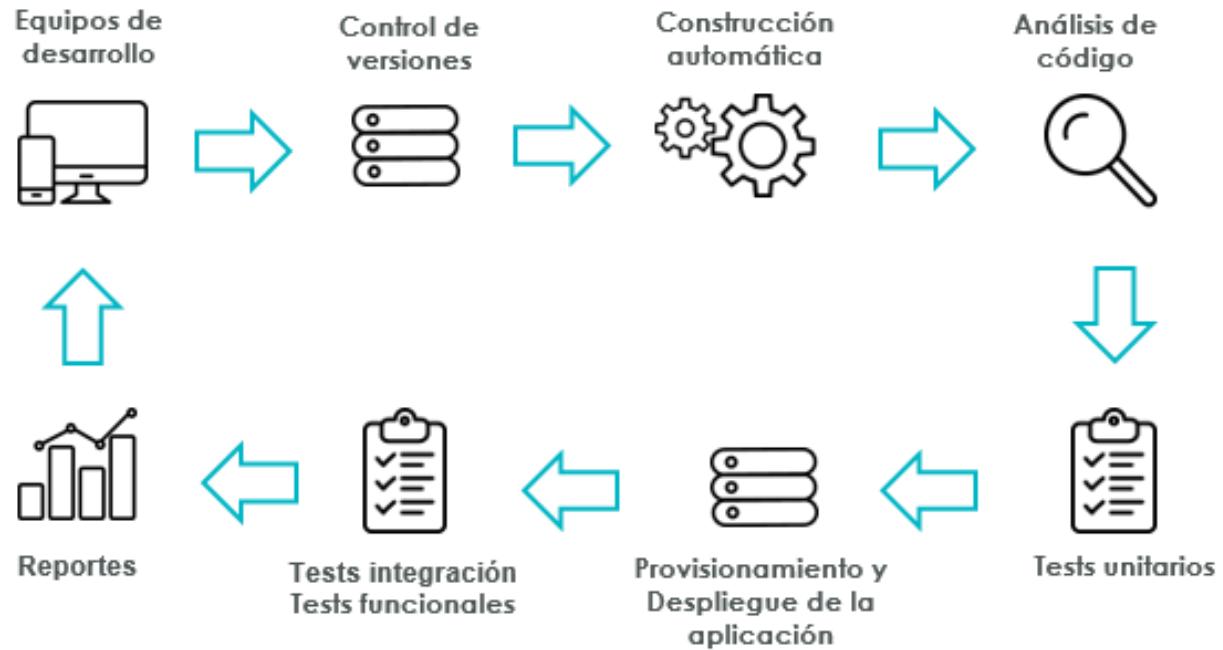
EJERCICIO 1

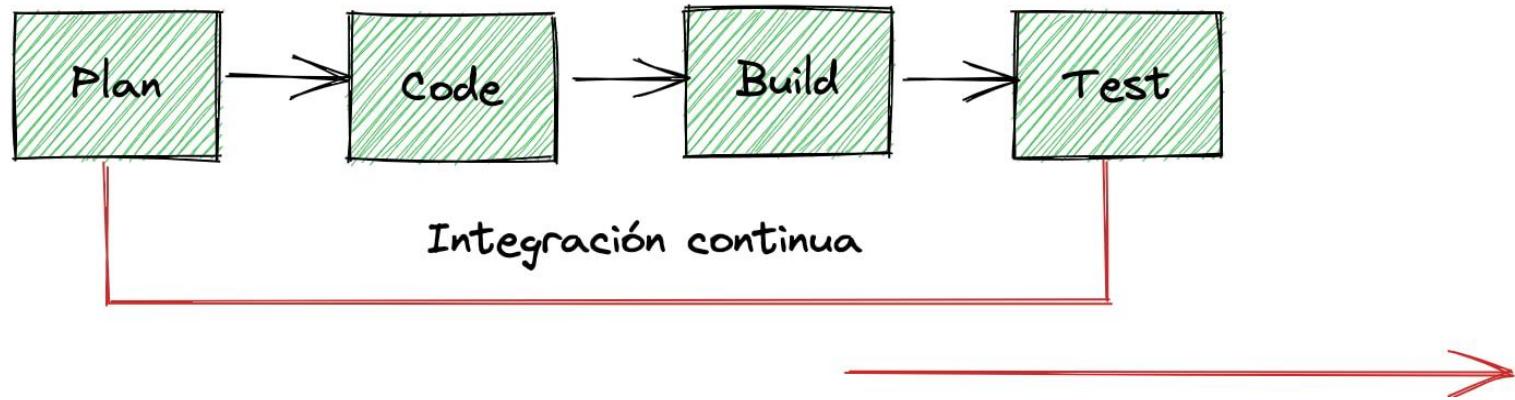
```
▶ packages
  ▶ scripts
  ▶ src
  ▶ test
  ▶ types
  .babelrc.js
  .editorconfig
  .eslintignore
  .eslintrc.js
  .flowconfig
  .gitignore
  BACKERS.md
```



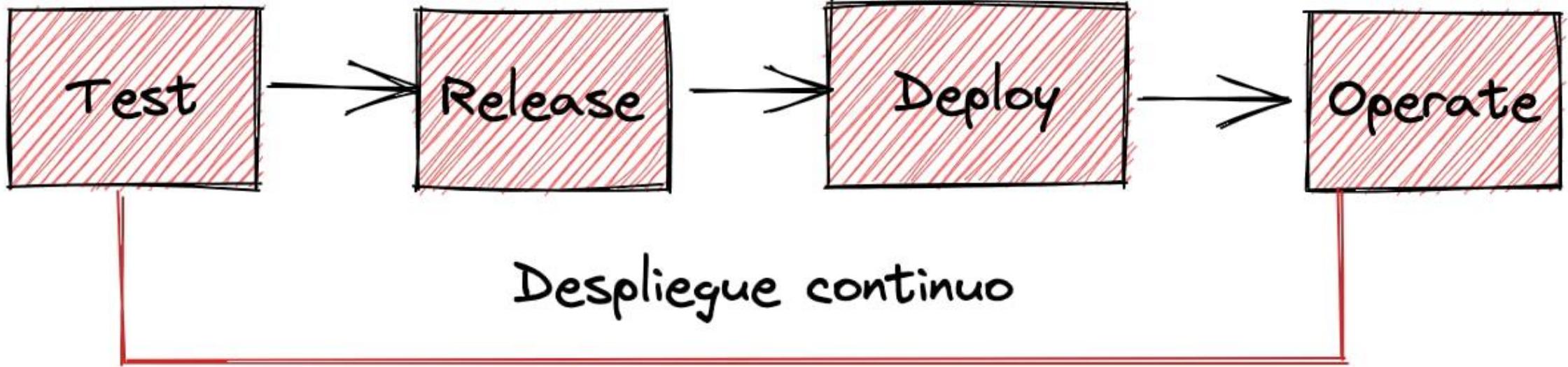
Modulo 2: Jenkins

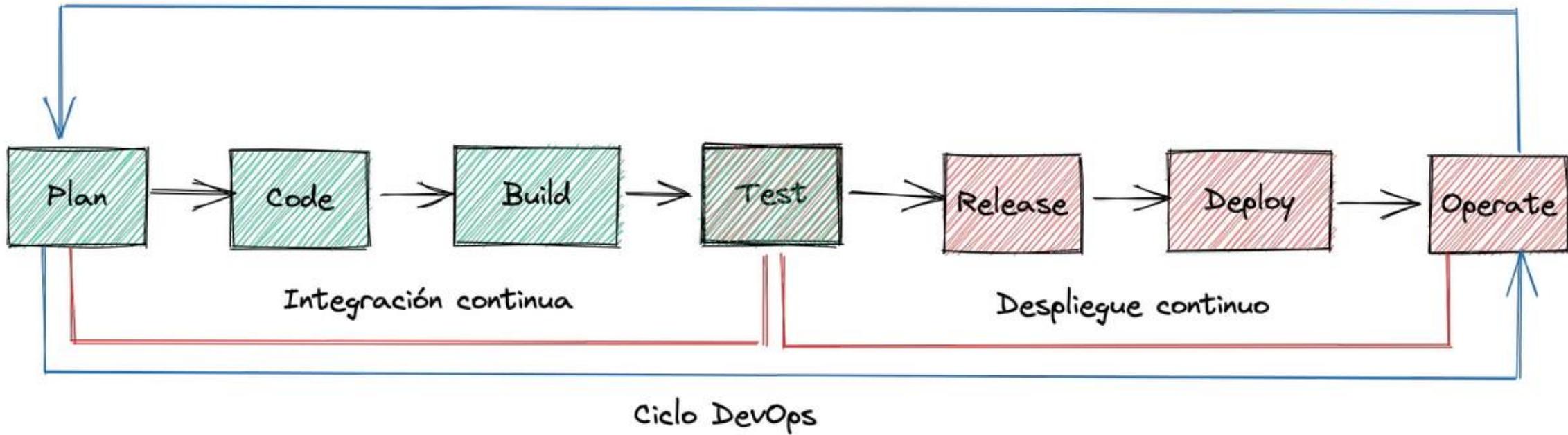
- Introducción
- Instalación y configuración
- Configuración de trabajos de ejecución
- Interfaz Git e integración con BitBucket
- Invocación de comandos y scripts externos
- Integración con Maven
- Notificaciones





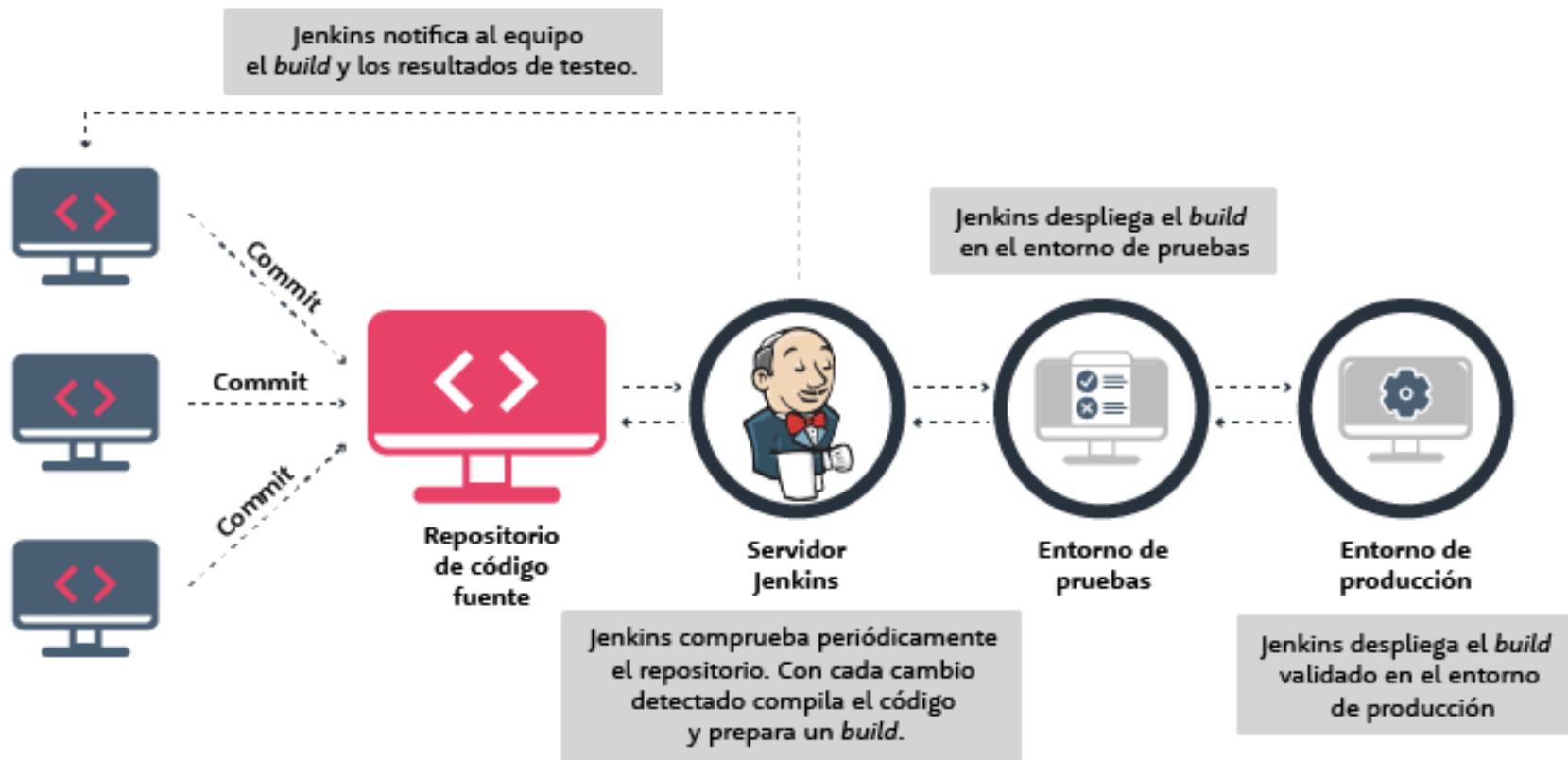
ETAPAS



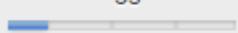
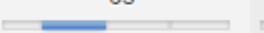




Jenkins



Instalación y configuración

Compilar	Test	Construcción	Despliegue
3s	6s	6s	5s
			
3s	5s failed		
3s	6s	5s	5s

Jenkins

Pipelines Administration Logout

dropspace / whimsy / master

Cancel Save

```
graph LR; Start((Start)) --> Build((Build)); Build --> BrowserTests((Browser Tests)); BrowserTests --> StaticAnalysis((Static Analysis)); StaticAnalysis --> Deploy((Deploy)); Deploy --> End(( ));
```

Choose step type

Find steps by name

- Shell Script
- Print Message
- Enforce time limit
- Retry the body up to N times
- Sleep
- Windows Batch Script
- Archive the artifacts
- Allocate node
- Allocate workspace
- Bind credentials to variables
- Catch error and set build result
- Change current directory