



commit

commit

commit

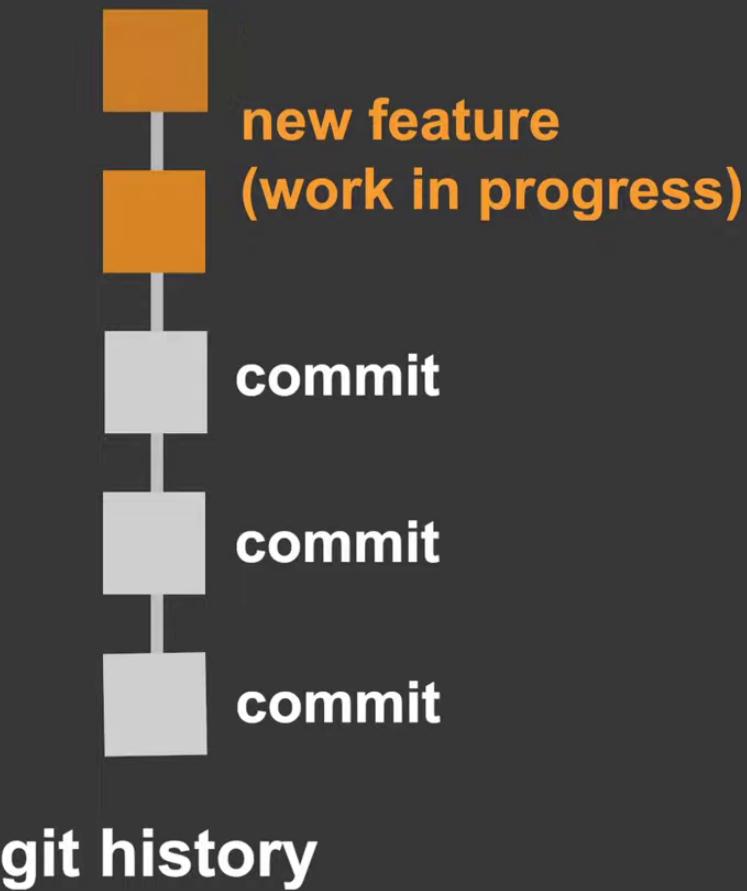
git history

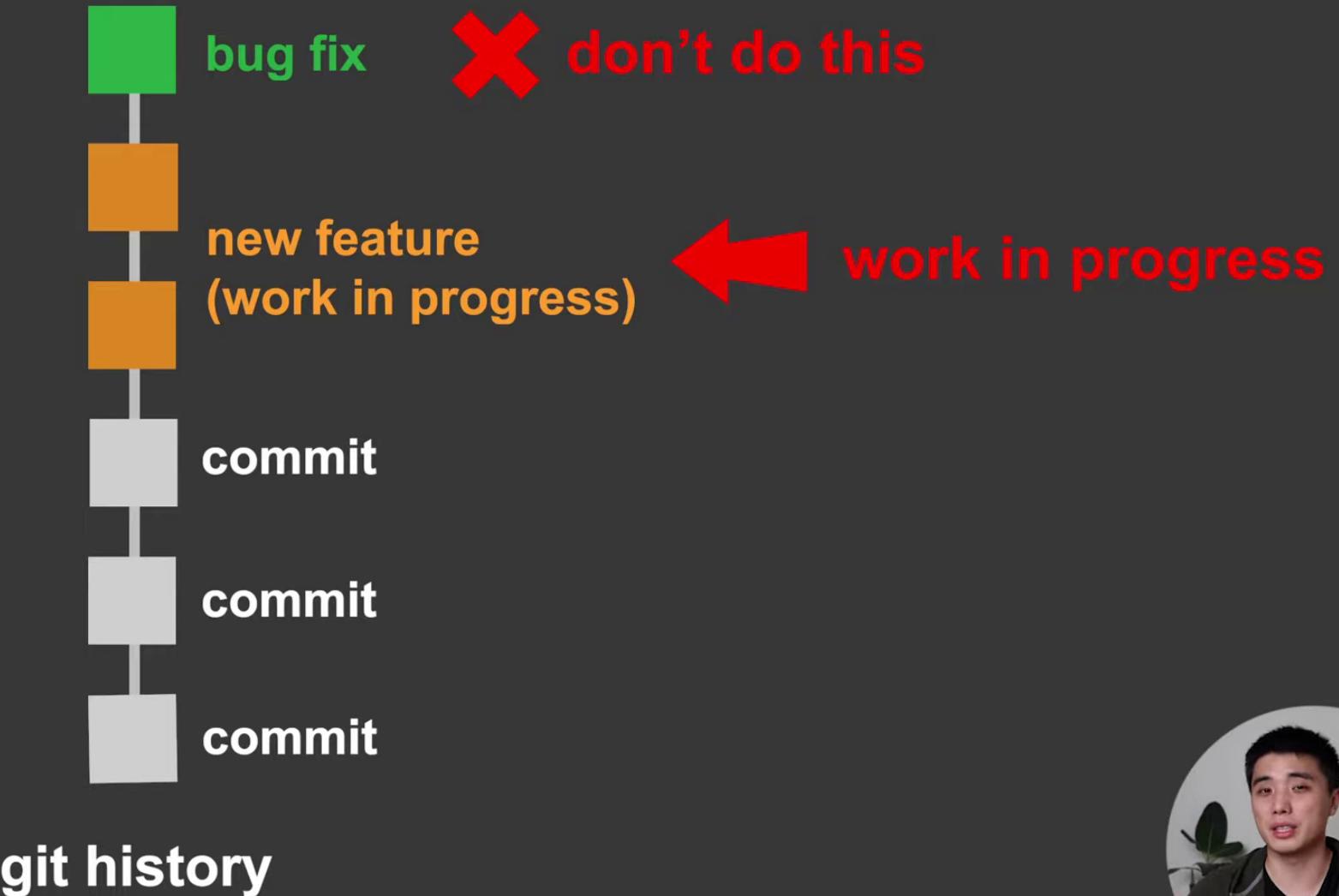




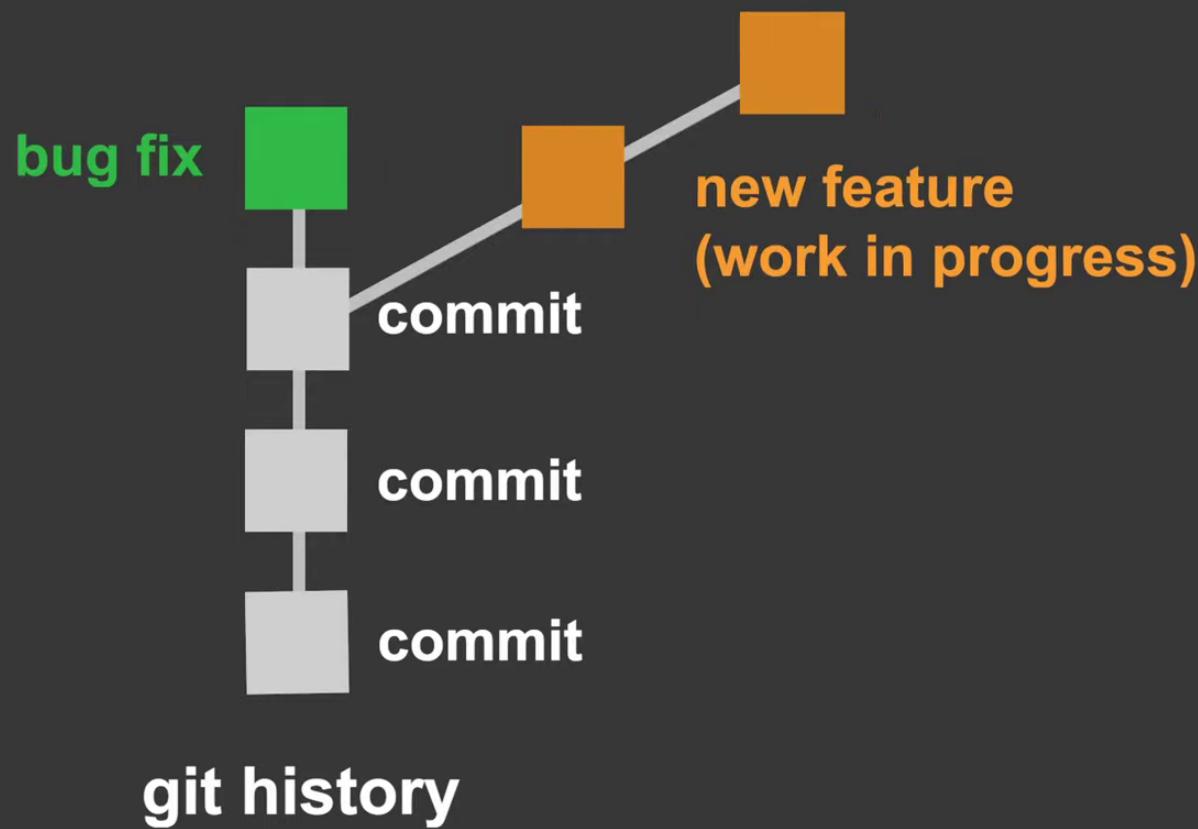
git history





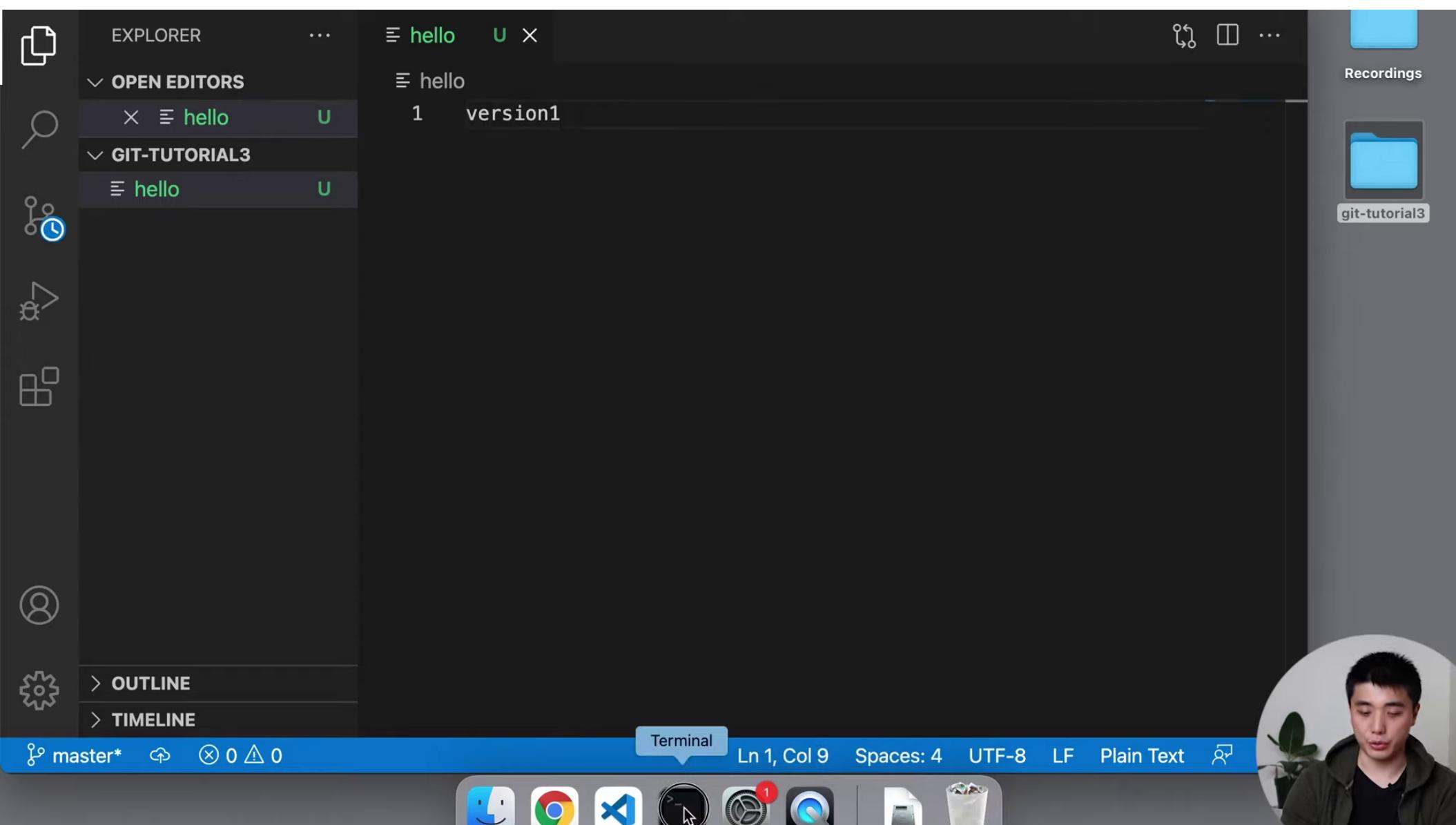


Branching



**Branching = work on multiple things
at the same time**





A screenshot of a Mac desktop interface. On the left is the Dock with icons for Finder, Safari, Google Chrome, Microsoft Word, Mail, and the Trash. The main screen shows the Visual Studio Code (VS Code) application. The Explorer sidebar on the left lists 'OPEN EDITORS' with a file named 'hello' and 'GIT-TUTORIAL3' with a folder named 'git-tutorial3'. The status bar at the bottom indicates the current branch is 'master*', with 0 changes staged and 0 conflicts. The terminal window in the center displays a command-line session:

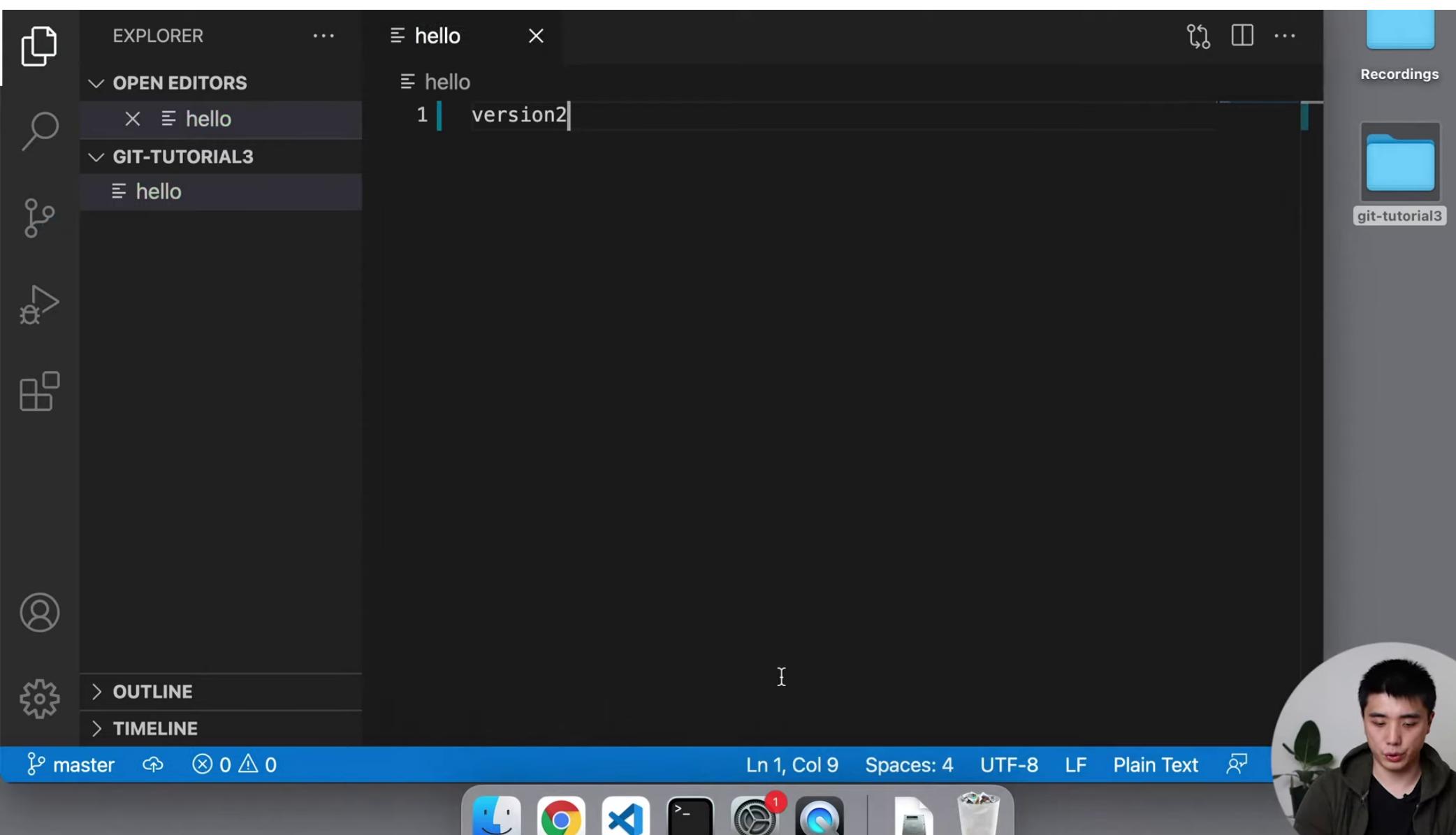
```
Last login: Sat Jun  5 08:55:35 on ttys000
[supersimpledev@Simons-MacBook-Pro ~ % cd ~/Desktop/git-tutorial3
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git init
Initialized empty Git repository in /Users/supersimpledev/Desktop/git-tutorial3/
.git/
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
supersimpledev@Simons-MacBook-Pro git-tutorial3 % ]
```

The status bar at the bottom right shows the current position as 'Ln 1, Col 9' with 'Spaces: 4', encoding as 'UTF-8', line ending as 'LF', and file type as 'Plain Text'. A video overlay of a man speaking is visible in the bottom right corner.

A screenshot of a developer's workspace. On the left is the VS Code interface with the Explorer sidebar open, showing a file named "hello" and a folder named "GIT-TUTORIAL3" which also contains a "hello" file. The status bar at the bottom shows the current branch is "master*". In the center is a terminal window titled "git-tutorial3 — zsh — 80x24" displaying the following command history:

```
Last login: Sat Jun  5 08:55:35 on ttys000
[supersimpledev@Simons-MacBook-Pro ~ % cd ~/Desktop/git-tutorial3
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git init
Initialized empty Git repository in /Users/supersimpledev/Desktop/git-tutorial3/
.git/
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "version1"
```

The status bar at the bottom also shows "Ln 1, Col 9", "Spaces: 4", "UTF-8", "LF", "Plain Text", and a magnifying glass icon. At the very bottom, there is a dock with icons for Mail, Google Chrome, VS Code, Finder, and others. A video feed of a person is visible on the right side of the screen.



A screenshot of a developer's workspace. On the left is the Explorer sidebar with 'OPEN EDITORS' and 'GIT-TUTORIAL3' sections. The 'hello' file in 'GIT-TUTORIAL3' is selected. The main area shows a code editor with 'version2' and a terminal window. The terminal shows the history of creating a Git repository and committing files. A video feed of a person is visible on the right.

EXPLORER

OPEN EDITORS

GIT-TUTORIAL3

hello

version2

```
Last login: Sat Jun  5 08:55:35 on ttys000
[supersimpledev@Simons-MacBook-Pro ~ % cd ~/Desktop/git-tutorial3
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git init
Initialized empty Git repository in /Users/supersimpledev/Desktop/git-tutorial3/
.git/
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "version1"
[master (root-commit) 285addb] version1
 1 file changed, 1 insertion(+)
  create mode 100644 hello
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "version2"
```

OUTLINE

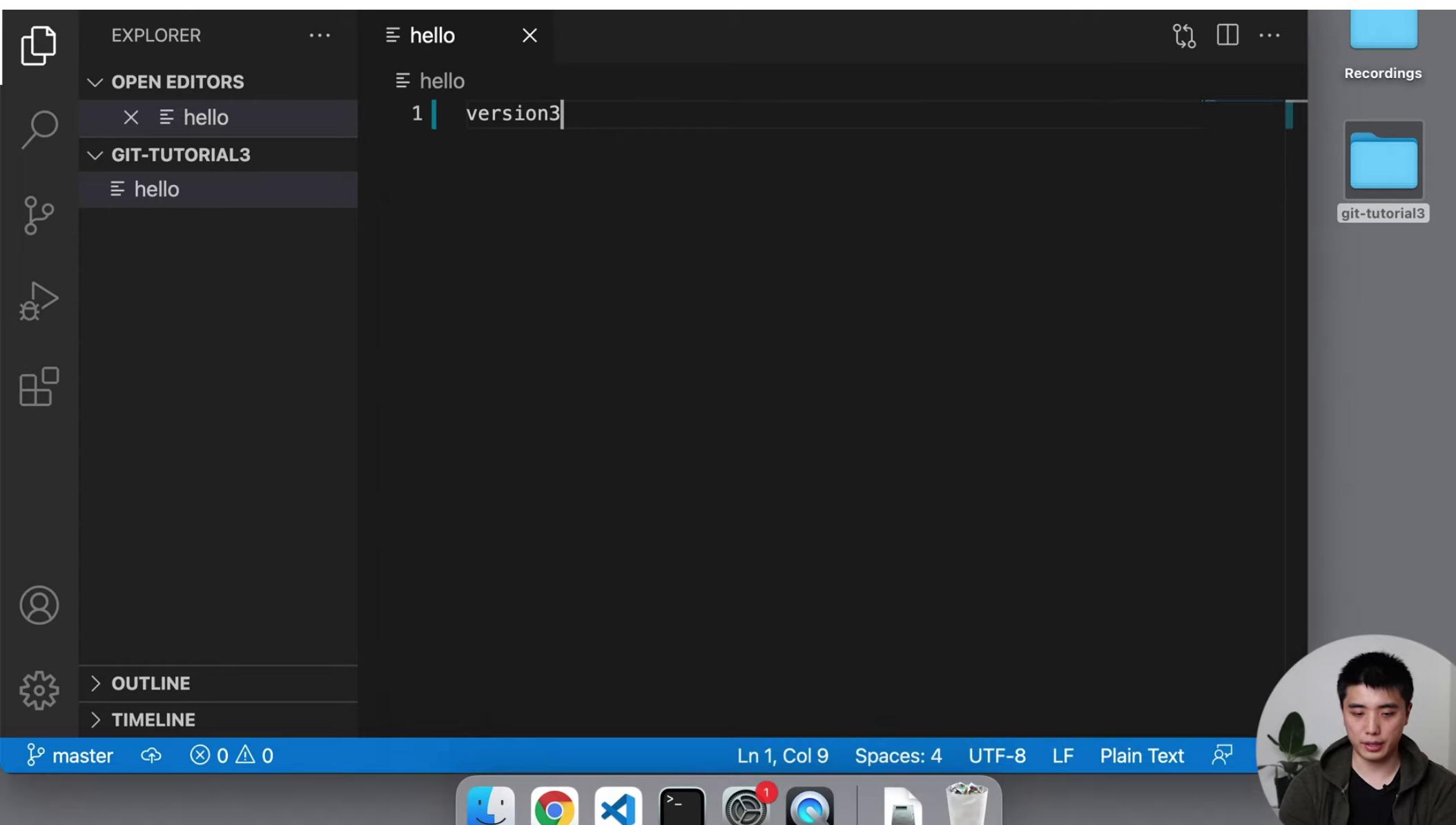
TIMELINE

master

Ln 1, Col 9 Spaces: 4 UTF-8 LF Plain Text

Recordings

git-tutorial3



The screenshot shows a developer's workspace with the following elements:

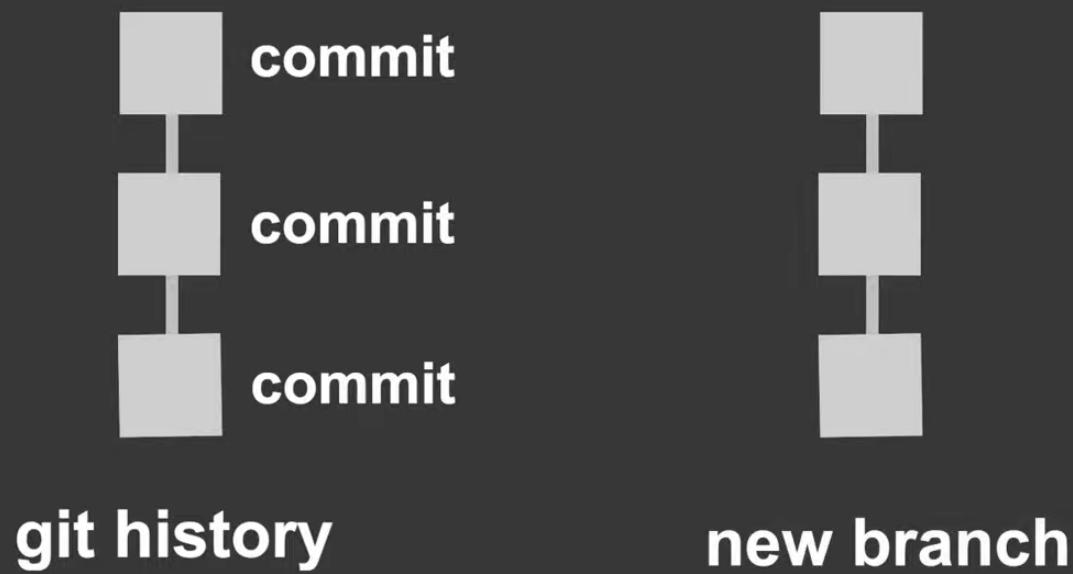
- EXPLORER**: Shows a tree view with **OPEN EDITORS** containing a file named **hello**, and a folder named **GIT-TUTORIAL3** also containing a file named **hello**.
- OPEN EDITORS**: A list of open files, with **hello** currently selected.
- GIT-TUTORIAL3**: A folder listed under Open Editors.
- RECORDINGS**: A button labeled **Recordings** in the top right corner.
- Terminal Window**: A terminal window titled **git-tutorial3 — zsh — 80x24** showing the following command history:

```
Last login: Sat Jun  5 08:55:35 on ttys000
[supersimpledev@Simons-MacBook-Pro ~ % cd ~/Desktop/git-tutorial3
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git init
Initialized empty Git repository in /Users/supersimpledev/Desktop/git-tutorial3/
.git/
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "version1"
[master (root-commit) 285addb] version1
  1 file changed, 1 insertion(+)
  create mode 100644 hello
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "version2"
[master 8464f5b] version2
  1 file changed, 1 insertion(+), 1 deletion(-)
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "version3"
```
- Bottom Bar**: Includes icons for Finder, Google Chrome, VS Code, and other system utilities, along with status information: **Ln 1, Col 9**, **Spaces: 4**, **UTF-8**, **LF**, **Plain Text**, and a magnifying glass icon.
- Video Overlay**: A circular video overlay in the bottom right corner showing a person speaking.

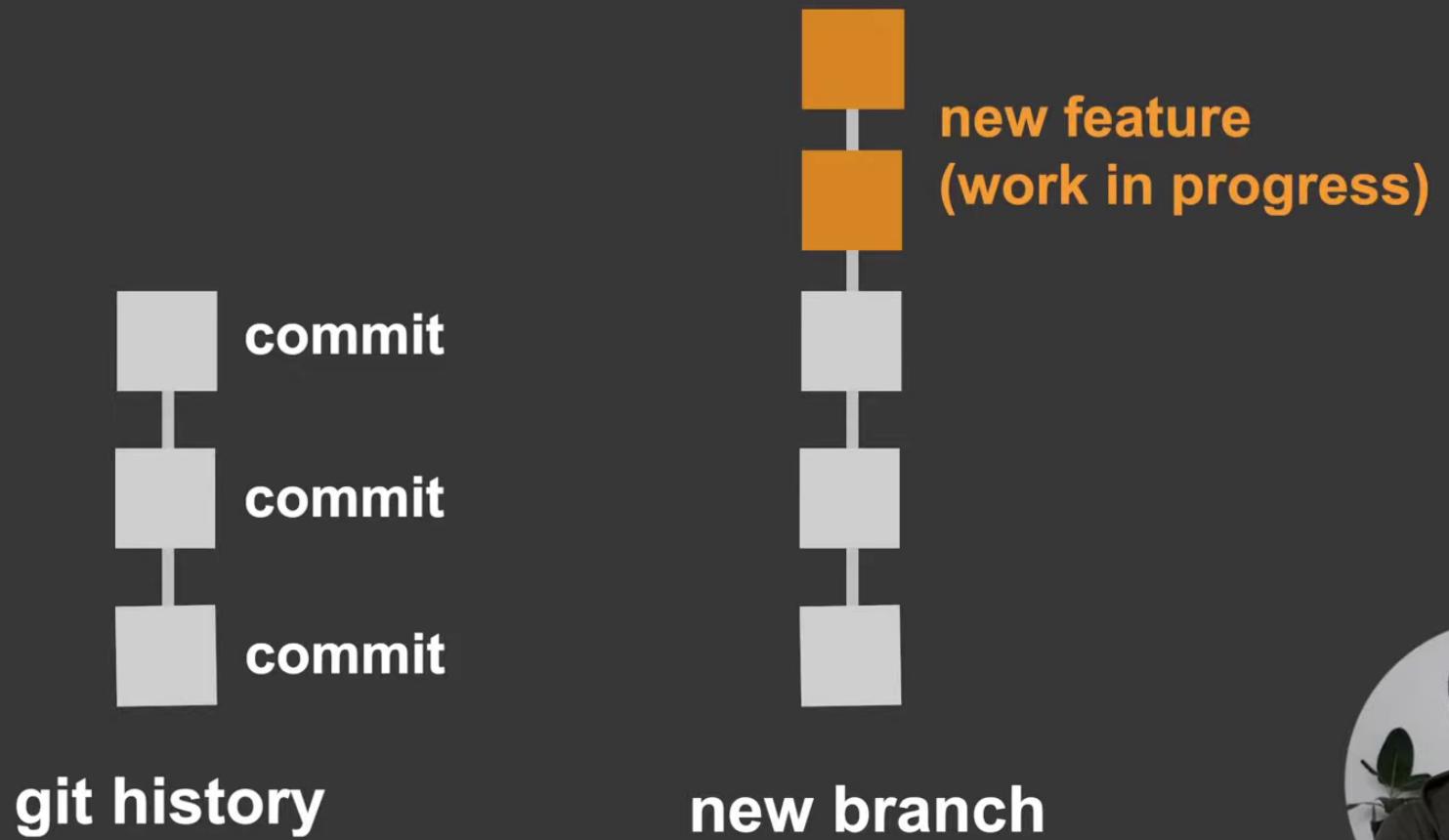
The screenshot shows a developer's workspace with the following elements:

- EXPLORER**: Shows an open editor for "hello" and a folder named "GIT-TUTORIAL3" containing a file "hello".
- OPEN EDITORS**: Shows an open editor for "hello" and a file named "version3".
- OUTLINE**: Shows a tree view of the project structure.
- TIMELINE**: Shows a history of changes.
- git-tutorial3 — zsh — 80x24**: A terminal window showing the output of a git log --all --graph command. The log shows three commits:
 - commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (HEAD -> master)
 - Author: Simon Bao <simon@supersimple.dev>
 - Date: Sat Jun 5 09:27:25 2021 +0800
 - version3
 - commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
 - Author: Simon Bao <simon@supersimple.dev>
 - Date: Sat Jun 5 09:27:16 2021 +0800
 - version2
 - commit 285addbf98ee4d450c226a410acf38ab16ba7696
 - Author: Simon Bao <simon@supersimple.dev>
 - Date: Sat Jun 5 09:27:01 2021 +0800
 - version1
- Bottom Status Bar**: Shows the current branch as "master", file statistics (0 changes, 0 additions, 0 deletions), and file encoding as "Plain Text". It also displays icons for various applications (Finder, Google Chrome, VS Code, Mail, etc.) and system status (1 notification).
- Recordings**: A sidebar on the right showing a recording of the "git-tutorial3" folder.
- Video Player**: A circular video player in the bottom right corner showing a person speaking.

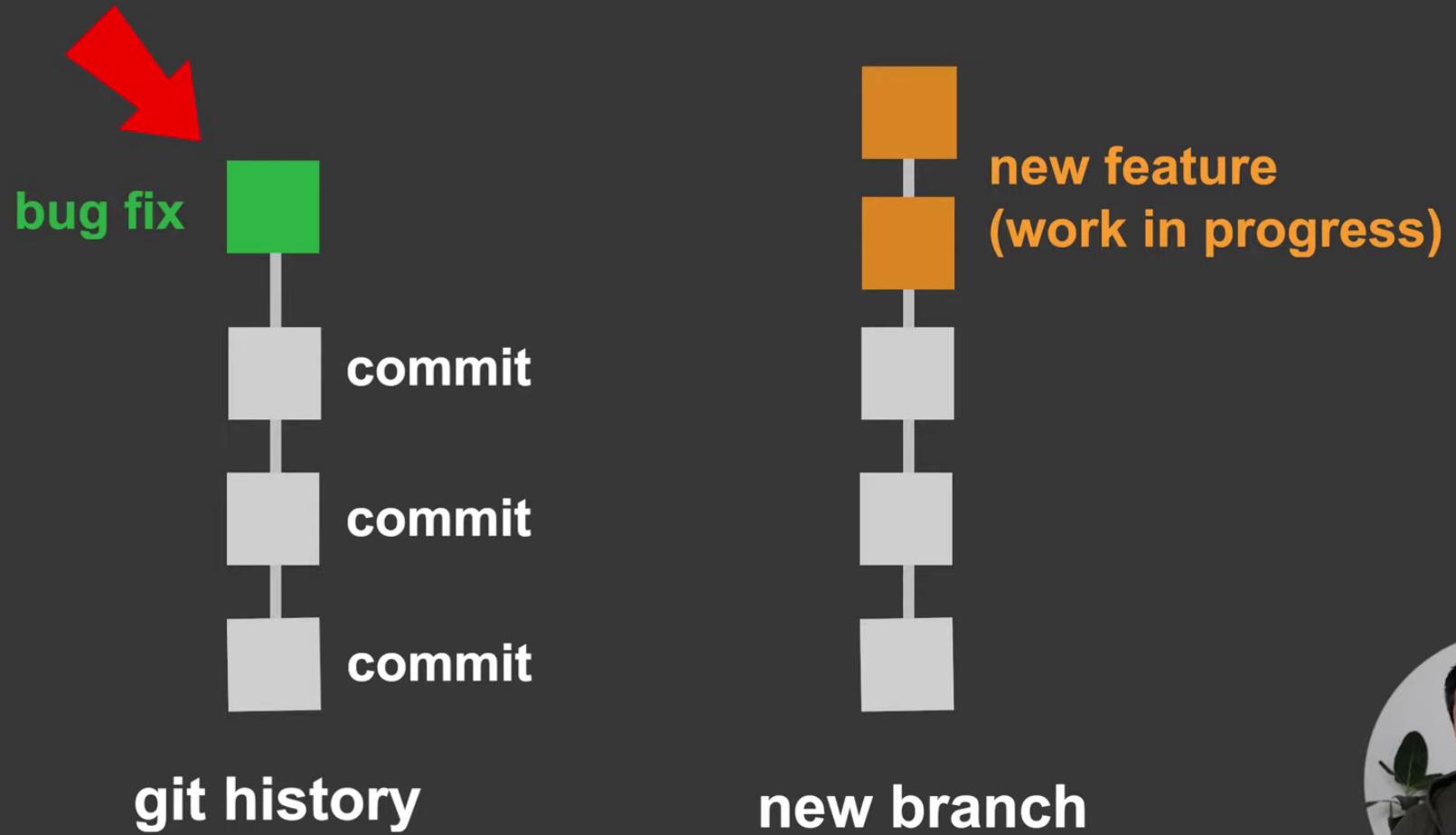
Branching



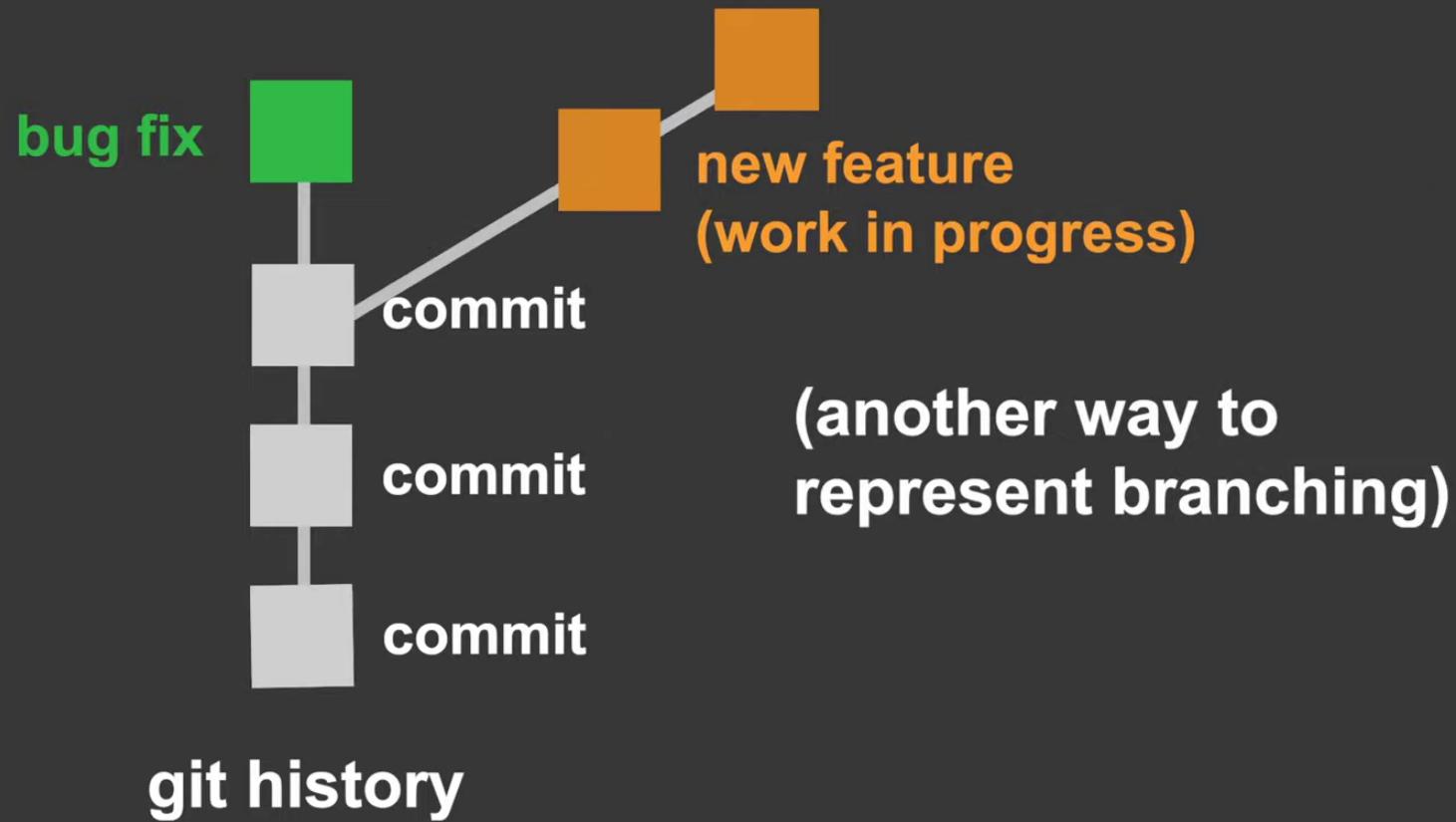
Branching



Branching



Branching



The screenshot shows a developer's workspace with various tools and a terminal window displaying a git log output.

IDE/Toolbars:

- EXPLORER**: Shows a file tree with a folder named "GIT-TUTORIAL3" containing a file "hello".
- OPEN EDITORS**: Shows an editor for "hello" and a terminal window titled "hello".
- OUTLINE**: Shows a list of files and folders.
- TIMELINE**: Shows a timeline of changes.
- Bottom Status Bar:** Displays "master" branch, file count (0), line count (0), Ln 1, Col 9, Spaces: 4, UTF-8, LF, Plain Text, and a search icon.
- Bottom Dock:** Includes icons for Finder, Google Chrome, VS Code, Terminal, Mail, and others.

Terminal Output:

```
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .  
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "version3"  
[master 9bb22ff] version3  
 1 file changed, 1 insertion(+), 1 deletion(-)  
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git log --all --graph  
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (HEAD -> master)  
| Author: Simon Bao <simon@supersimple.dev>  
| Date: Sat Jun 5 09:27:25 2021 +0800  
  
|       version3  
  
* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301  
| Author: Simon Bao <simon@supersimple.dev>  
| Date: Sat Jun 5 09:27:16 2021 +0800  
  
|       version2  
  
* commit 285addbf98ee4d450c226a410acf38ab16ba7696  
| Author: Simon Bao <simon@supersimple.dev>  
| Date: Sat Jun 5 09:27:01 2021 +0800  
  
|       version1  
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git branch feature1  
supersimpledev@Simons-MacBook-Pro git-tutorial3 % ]
```

Right Panel:

- A "Recordings" panel with a blue recording icon.
- A "git-tutorial3" folder icon.
- A circular video feed showing a person with dark hair and a green jacket.

The screenshot shows a video recording interface with a terminal window in the center. The terminal window is titled "git-tutorial3 — zsh — 80x24". It displays a git log output from a local repository. The commits are as follows:

```
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:27:01 2021 +0800

version1
[superSimpleDev@Simons-MacBook-Pro git-tutorial3 % git branch feature1]
[superSimpleDev@Simons-MacBook-Pro git-tutorial3 % git log --all --graph]
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (HEAD -> master, feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:25 2021 +0800

version3

* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:16 2021 +0800

version2

* commit 285addbf98ee4d450c226a410acf38ab16ba7696
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:01 2021 +0800

version1
superSimpleDev@Simons-MacBook-Pro git-tutorial3 %
```

The left sidebar shows the "OPEN EDITORS" and "GIT-TUTORIAL3" sections, with "hello" files open in both. The bottom navigation bar includes icons for Finder, Google Chrome, VS Code, and others.

The screenshot shows a video recording interface with a dark theme. On the left is the GitHub desktop application's sidebar with icons for Explorer, Open Editors, Git-Tutorial3, Outline, and Timeline. The Open Editors section shows a file named 'hello'. The Git-Tutorial3 section shows a folder named 'hello'. The Timeline section shows a commit for 'feature1' and a commit for 'feature2'. The main area displays a terminal window titled 'git-tutorial3 — zsh — 80x24' showing a git log output. The output includes commits for 'version1', 'version3', 'version2', and 'version1' again, all made by 'supersimpledev' on June 5, 2021. The terminal also shows the command 'git checkout feature1' being run. A video recording overlay is visible on the right side of the screen.

```
version1
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git branch feature1
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git log --all --graph
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (HEAD -> master, feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:25 2021 +0800

version3

* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:16 2021 +0800

version2

* commit 285addbf98ee4d450c226a410acf38ab16ba7696
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:01 2021 +0800

version1
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git checkout feature1
Switched to branch 'feature1'
supersimpledev@Simons-MacBook-Pro git-tutorial3 %
```

A screenshot of a video call interface, likely from a platform like Zoom or Google Meet, showing a GitHub commit history in a terminal window. The terminal window is titled "git-tutorial3 — zsh — 80x24".

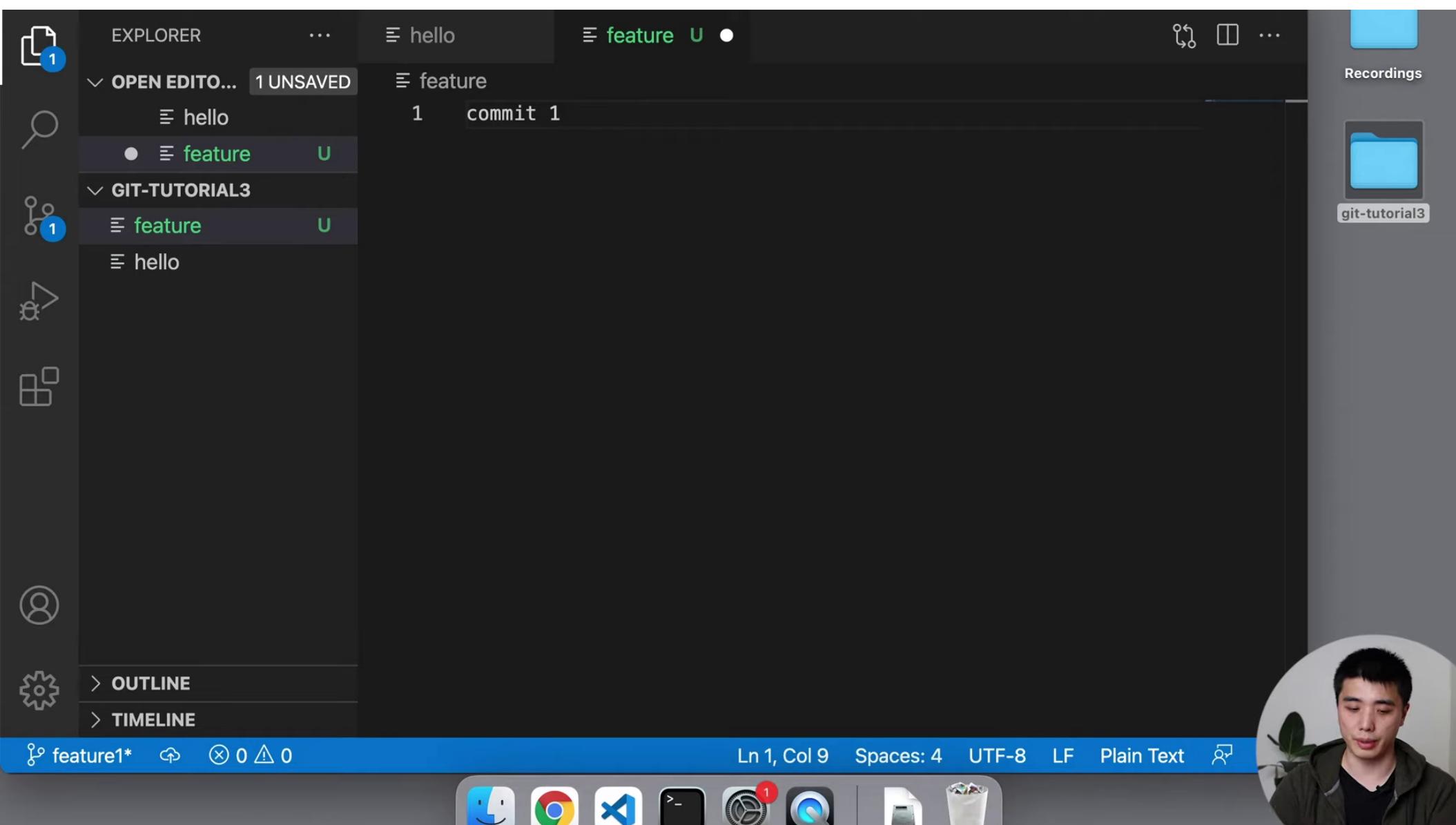
```
Date: Sat Jun 5 09:27:01 2021 +0800

version1
[superSimpleDev@Simons-MacBook-Pro git-tutorial3 % git checkout feature1]
Switched to branch 'feature1'
[superSimpleDev@Simons-MacBook-Pro git-tutorial3 % git log --all --graph]
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (HEAD -> feature1, master)
| Author: Simon Bao <simon@superSimple.dev>
| Date: Sat Jun 5 09:27:25 2021 +0800
|
version3

* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@superSimple.dev>
| Date: Sat Jun 5 09:27:16 2021 +0800
|
version2

* commit 285addbf98ee4d450c226a410acf38ab16ba7696
| Author: Simon Bao <simon@superSimple.dev>
| Date: Sat Jun 5 09:27:01 2021 +0800
|
version1
superSimpleDev@Simons-MacBook-Pro git-tutorial3 %
```

The GitHub interface shows the "EXPLORER" sidebar with "OPEN EDITORS" and "GIT-TUTORIAL3" sections, and the "OUTLINE" and "TIMELINE" sections in the bottom left. The "RECORDINGS" panel on the right shows a recording of the "git-tutorial3" folder. The bottom navigation bar includes icons for Mail, Google Chrome, VS Code, Finder, and others.



A screenshot of a video recording interface, likely from OBS Studio, showing a GitHub commit history in a terminal window within a Visual Studio Code (VS Code) workspace.

The VS Code interface includes:

- EXPLORER**: Shows a tree view with **OPEN EDITORS** containing `hello` and `feature`, and a **GIT-TUTORIAL3** folder containing `feature` and `hello`. A blue circle with the number **1** is visible next to the `feature` entry in the Git folder.
- RECORDINGS**: A panel on the right showing a thumbnail of the terminal window and the text `git-tutorial3`.
- OUTLINE** and **TIMELINE**: Side panels on the left.
- STATUS BAR**: Shows `feature1*`, file counts (0 up, 0 down), and a timestamp.
- TOP TOOLBAR**: Includes icons for file operations like copy, paste, and search, along with a **...** button.

The terminal window displays the following GitHub commit history:

```
git-tutorial3 — zsh — 80x24
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (HEAD -> feature1, master)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:25 2021 +0800
|
|     version3
|
* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:16 2021 +0800
|
|     version2
|
* commit 285addbf98ee4d450c226a410acf38ab16ba7696
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:01 2021 +0800
|
|     version1
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .]
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "feature commit"]
1"
[feature1 d753aa5] feature commit 1
  1 file changed, 1 insertion(+)
  create mode 100644 feature
supersimpledev@Simons-MacBook-Pro git-tutorial3 %
```

A video overlay of a person is visible in the bottom right corner of the recording window.

A screenshot of a developer's workspace. On the left is the Explorer sidebar with 'OPEN EDITORS' showing 'hello' and 'feature' (marked with a blue 'U'), and 'GIT-TUTORIAL3' showing 'feature' (marked with a blue 'U') and 'hello'. A blue circular badge with the number '1' is visible next to the 'GIT-TUTORIAL3' heading. The main area has two editors open: one for 'hello' showing a single commit, and another for 'feature' showing a commit message. A terminal window titled 'git-tutorial3 — less < git log --all --graph — 80x24' displays the following git log output:

```
* commit d753aa5ef88223ecf3fc66f105f90afb2233501d (HEAD -> feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (master)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:25 2021 +0800

    version3

* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:16 2021 +0800

    version2

* commit 285addbf98ee4d450c226a410acf38ab16ba7696
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:01 2021 +0800

    version1
```

The status bar at the bottom shows 'feature1*' and other icons. A video overlay of a person is visible on the right side of the screen.

The screenshot shows a developer's workspace with various tools and a terminal window displaying a git commit history.

EXPLORER (Left Sidebar):

- OPEN EDITORS:**
 - hello
 - feature (selected)
- GIT-TUTORIAL3:**
 - feature
 - hello

RECORDINGS (Top Right): Recordings folder for "git-tutorial3".

TERMINAL (Center):

```
git-tutorial3 — zsh — 80x24

* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (master)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:25 2021 +0800

    version3

* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:16 2021 +0800

    version2

* commit 285addbf98ee4d450c226a410acf38ab16ba7696
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:01 2021 +0800

    version1
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git add .]
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git commit -m "feature commit"]
2"
[feature1 e0e165f] feature commit 2
  1 file changed, 1 insertion(+), 1 deletion(-)
super simple dev@Simons-MacBook-Pro git-tutorial3 %
```

Bottom Status Bar:

- feature1
- Ln 1, Col 9
- Spaces: 4
- UTF-8
- LF
- Plain Text

Bottom Dock:

- Finder
- Google Chrome
- VS Code
- Terminal
- Mail
- Recycle Bin

The screenshot shows a developer's workspace with the following elements:

- EXPLORER**: Shows the project structure with **OPEN EDITORS** containing `hello` and `feature`, and **GIT-TUTORIAL3** containing `feature` and `hello`.
- OPEN EDITORS**: Displays two files:
 - `hello`: A file with the content `commit 2`.
 - `feature`: An open file with the content

```
git-tutorial3 — less - git log --all --graph — 80x24
* commit e0e165fe611edc6db7c64a73ce3683ea06607927 (HEAD -> feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:43:46 2021 +0800

    feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (master)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:25 2021 +0800

    version3

* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:16 2021 +0800

    version2
:
```
- GIT-TUTORIAL3**: A folder containing `feature` and `hello`.
- RECORDINGS**: A button labeled "Recordings".
- TERMINAL**: A terminal window titled "git-tutorial3 — less - git log --all --graph — 80x24" showing the commit history.
- STATUS BAR**: Shows the file `feature1`, line `Ln 1, Col 9`, spaces `Spaces: 4`, encoding `UTF-8`, line separator `LF`, and text type `Plain Text`.
- APPLICATION BAR**: Shows icons for Finder, Google Chrome, VS Code, Terminal, Mail, and Trash.
- VIDEO OVERLAY**: A circular video overlay in the bottom right corner showing a person speaking.

A screenshot of a Mac desktop environment. In the center is a terminal window titled "git-tutorial3 — zsh — 80x24". The terminal displays a history of git commits:

```
Date: Sat Jun 5 09:43:46 2021 +0800  
feature commit 2  
* commit d753aa5ef88223ecf3fc66f105f90afb2233501d  
| Author: Simon Bao <simon@supersimple.dev>  
| Date: Sat Jun 5 09:42:41 2021 +0800  
|  
| feature commit 1  
|  
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (master)  
| Author: Simon Bao <simon@supersimple.dev>  
| Date: Sat Jun 5 09:27:25 2021 +0800  
|  
| version3  
|  
* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301  
| Author: Simon Bao <simon@supersimple.dev>  
| Date: Sat Jun 5 09:27:16 2021 +0800  
|  
| version2  
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git checkout master  
Switched to branch 'master'  
supersimpledev@Simons-MacBook-Pro git-tutorial3 % ]
```

The desktop interface includes a Dock at the bottom with icons for Finder, Safari, Google Chrome, Microsoft Word, Mail, and others. On the left, there's a sidebar with "EXPLORER", "OPEN EDITORS" (listing "hello" and "feature"), "GIT-TUTORIAL3" (listing "feature" and "hello"), "OUTLINE", and "TIMELINE". On the right, there's a "Recordings" panel and a "git-tutorial3" folder icon.

A screenshot of a video call interface, likely from a platform like Zoom or similar, showing a GitHub commit log in a terminal window. The terminal window is titled "git-tutorial3 — less < git log --all --graph — 80x24". The commit log shows the following history:

```
* commit e0e165fe611edc6db7c64a73ce3683ea06607927 (feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:43:46 2021 +0800

    feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (HEAD -> master)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:25 2021 +0800

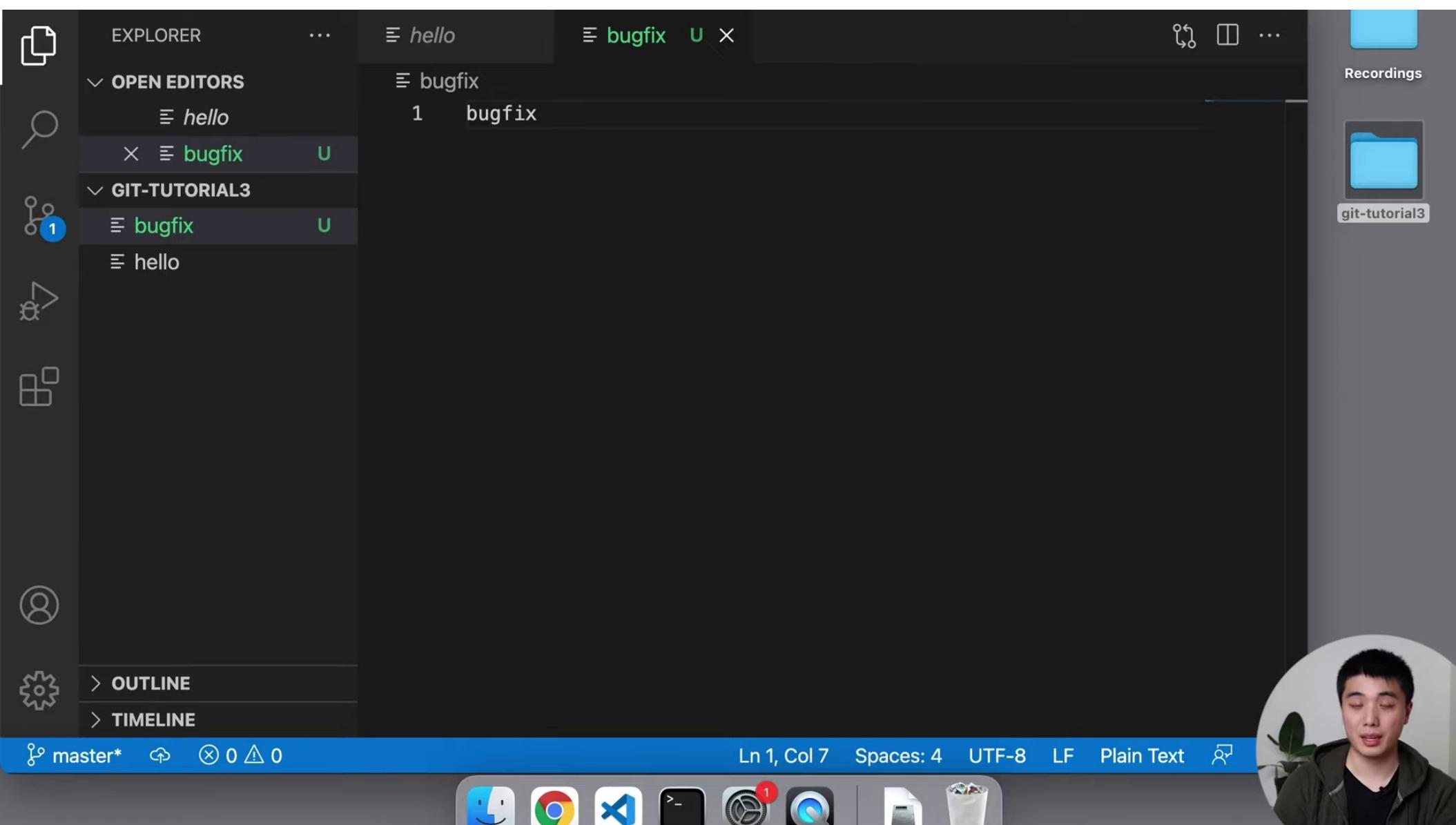
    version3

* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:27:16 2021 +0800

    version2
:
```

The GitHub interface shows the "feature" branch selected in the "OPEN EDITORS" sidebar. The "GIT-TUTORIAL3" repository is also listed. A circular highlight is drawn around the "master" branch indicator in the commit log. The bottom status bar shows "Ln 1, Col 9" and "Plain Text".





The screenshot shows a developer's workspace with the following elements:

- EXPLORER**: Shows a tree view of files and folders. Under "OPEN EDITORS", there are two files: "hello" and "bugfix". Under "GIT-TUTORIAL3", there are also "bugfix" and "hello". A blue circle with the number "1" is visible next to the "git-tutorial3" folder.
- OPEN EDITORS**: Two editors are open:
 - hello**: Shows the text "1 hello".
 - bugfix**: Shows the text "1 bugfix".
- GIT-TUTORIAL3**: A terminal window titled "git-tutorial3 — zsh — 80x24" displays the following git commit history:

```
* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef (HEAD -> master)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:25 2021 +0800

    version3

* commit 8464f5b7dc7d0271f8a00f9dc0b707b4ecc64301
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:16 2021 +0800

    version2
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git commit -m "bug fix"
[master cdf08d0] bug fix
 1 file changed, 1 insertion(+)
 create mode 100644 bugfix
supersimpledev@Simons-MacBook-Pro git-tutorial3 %
```
- OUTLINE** and **TIMELINE**: Buttons in the bottom-left corner.
- Bottom Status Bar**: Shows the current branch "master*", file count (0), insertion/deletion counts (0), line and column (Ln 1, Col 7), spaces (4), encoding (UTF-8), line endings (LF), plain text mode, and a search icon.
- Bottom Dock**: Icons for various applications: Finder, Google Chrome, Visual Studio Code, Terminal, Mail, and others.
- Right Sidebar**: A "Recordings" section with a "git-tutorial3" folder icon and a video feed of a person.

A screenshot of a video conference interface. On the right, there is a circular video feed of a man with dark hair and a beard. The main area shows a GitHub repository interface. In the top navigation bar, the repository name is 'git-tutorial3'. The left sidebar shows 'OPEN EDITORS' with files 'hello' and 'bugfix' open, and 'GIT-TUTORIAL3' with files 'bugfix' and 'hello'. A blue circular badge with the number '1' is visible next to the 'GIT-TUTORIAL3' section. The central area displays a terminal window with the command 'git log --all --graph'. The output shows the following commit history:

```
git-tutorial3 — less ▾ git log --all --graph — 80x24
* commit cdf08d060fd09a6373cf0b77e6692815570fd9a2 (HEAD → master)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:49:15 2021 +0800
|
| bug fix
|
* commit e0e165fe611edc6db7c64a73ce3683ea06607927 (feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:43:46 2021 +0800
|
| feature commit 2
|
* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:42:41 2021 +0800
|
| feature commit 1
|
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:25 2021 +0800
|
| version3
|:
```

The bottom status bar shows the current branch is 'master*', with 0 changes staged and 0 untracked files. It also displays file statistics: Ln 1, Col 7, Spaces: 4, UTF-8, LF, Plain Text, and a file icon.

Merging Pop Quiz

Branch 1

```
file1.txt  
1 hello  
2 file1
```

Branch 2

```
file2.txt  
1 world  
2 file2
```



Merging Pop Quiz

Branch 1

```
file1.txt  
1 hello  
2 file1
```

Branch 2

```
file2.txt  
1 world  
2 file2
```

**What is the result
of this merge?**



Merging Pop Quiz

Branch 1

```
file1.txt  
1 hello  
2 file1
```

Merge Result

```
file1.txt  
1 hello  
2 file1
```

```
file2.txt  
1 world  
2 file2
```

Branch 2

```
file2.txt  
1 world  
2 file2
```



Merging Pop Quiz

Branch 1

```
hello.js  
1 function a() {  
2   return 5;  
2   return '5';  
3 }  
  
...  
  
10 function b() {  
11   return 7;  
12 }
```

Branch 2

```
hello.js  
1 function a() {  
2   return 5;  
3 }  
  
...  
  
10 function b() {  
11   return 7;  
11   return '7';  
12 }
```



Merging Pop Quiz

Branch 1

```
hello.js  
1 function a() {  
2   return 5;  
2   return '5';  
3 }  
  
...  
  
10 function b() {  
11   return 7;  
12 }
```

Merge Result

```
hello.js  
1 function a() {  
2   return 5;  
2   return '5';  
3 }  
  
...  
  
10 function b() {  
11   return 7;  
11   return '7';  
12 }
```

Branch 2

```
hello.js  
1 function a() {  
2   return 5;  
3 }  
  
...  
  
10 function b() {  
11   return 7;  
11   return '7';  
12 }
```



A screenshot of a Mac desktop environment. In the center is a terminal window titled "git-tutorial3 — zsh — 80x24" displaying a git commit history. The commits are:

- * commit `cdf08d060fd09a6373cf0b77e6692815570fd9a2` (HEAD → master)
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:49:15 2021 +0800

bug fix
- * commit `e0e165fe611edc6db7c64a73ce3683ea06607927` (feature1)
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:43:46 2021 +0800

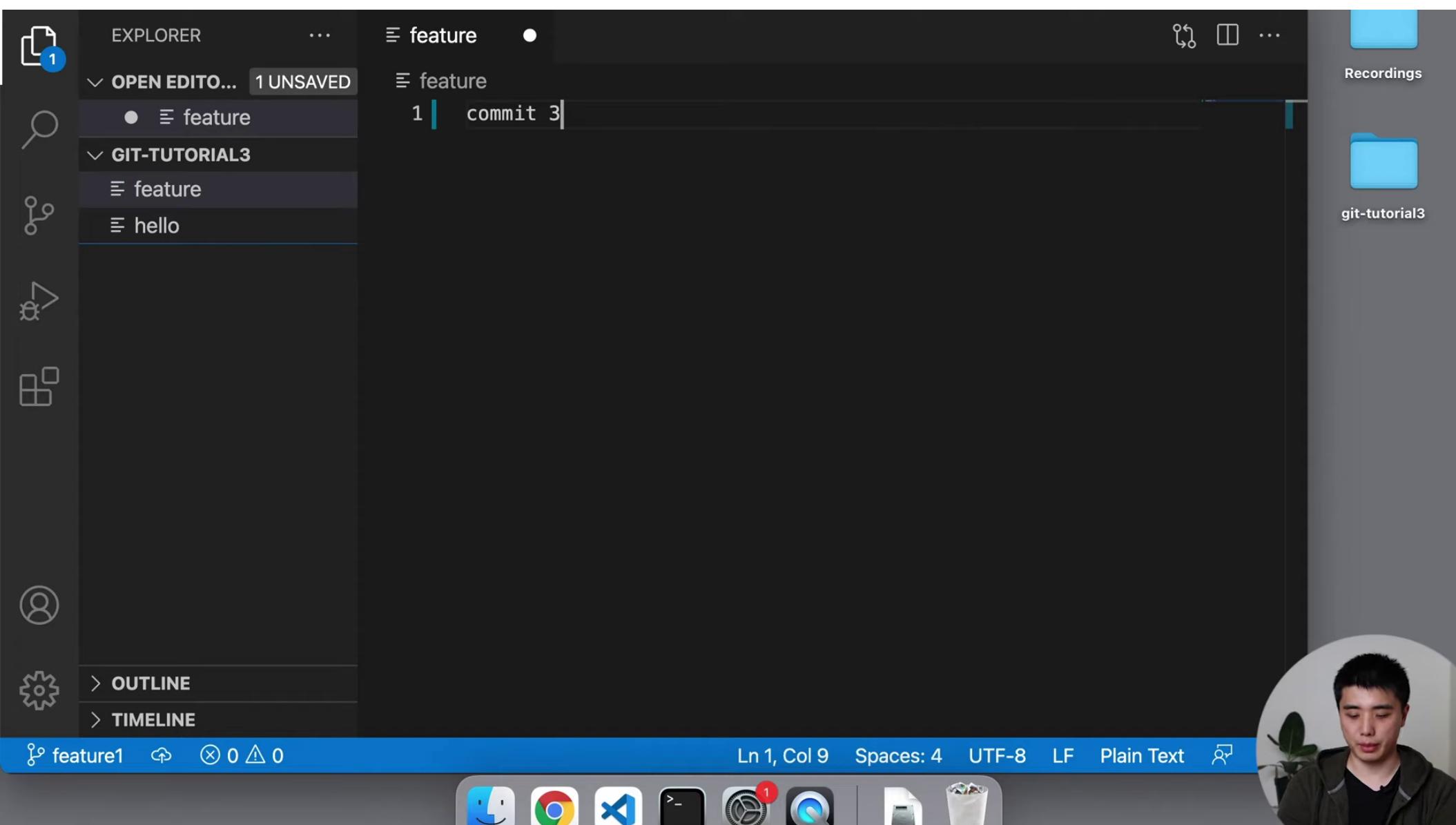
feature commit 2
- * commit `d753aa5ef88223ecf3fc66f105f90afb2233501d`
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:42:41 2021 +0800

feature commit 1
- * commit `9bb22ff9063a3e1134e5cea3fb289df492868cef`
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:27:25 2021 +0800

version3

The command at the bottom of the terminal is `supersimpledev@Simons-MacBook-Pro git-tutorial3 % git checkout feature1`.

At the top, the VS Code interface shows the "EXPLORER" view with "OPEN EDITORS" containing "hello" and "bugfix" files, and the "GIT-TUTORIAL3" folder also containing "bugfix" and "hello" files. The "git-tutorial3" folder is highlighted in blue. The status bar at the bottom shows "master*" and other file status indicators.





A screenshot of a developer's workspace in a video conference. The developer is visible in a circular video window on the right side of the screen.

The workspace includes:

- EXPLORER**: Shows a tree view with **OPEN EDITORS** containing a file named **feature** (marked with a yellow 'M') and a folder named **GIT-TUTORIAL3** containing files **feature** (marked with a yellow 'M') and **hello**. A blue circle with the number **1** is shown next to the **GIT-TUTORIAL3** folder.
- RECORDINGS**: A button labeled **Recordings** is located in the top right corner.
- git-tutorial3**: A folder icon is located on the far right.
- OUTLINE**: A section titled **OUTLINE** is present.
- TIMELINE**: A section titled **TIMELINE** is present.
- Git Log**: An open terminal window titled **git-tutorial3 — zsh — 80x24** displays the following git log output:

```
bug fix

* commit e0e165fe611edc6db7c64a73ce3683ea06607927 (HEAD -> feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:43:46 2021 +0800

    feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
/ Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:25 2021 +0800

    version3
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git add .]
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git commit -m "feature done"]
[feature1 dda9861] feature done
  1 file changed, 1 insertion(+), 1 deletion(-)
super simple dev@Simons-MacBook-Pro git-tutorial3 % git log --all
```
- Status Bar**: Shows the current file is **feature1***, with 0 changes and 0 warnings. It also shows the current position is **Ln 1, Col 9**, **Spaces: 4**, **UTF-8**, **LF**, **Plain Text**, and a magnifying glass icon.
- Taskbar**: Shows icons for Finder, Google Chrome, VS Code, Terminal, Mail, and others.

A screenshot of a video recording interface, likely from OBS Studio, showing a GitHub commit history in a terminal window within a Visual Studio Code (VS Code) workspace.

The terminal window displays the command `git log --all --graph` output:

```
git-tutorial3 — less < git log --all --graph — 80x24
* commit dda9861cec7de9b2d65e3267e317700553e63287 (HEAD -> feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:08:10 2021 +0800
|     feature done (I)

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:43:46 2021 +0800
|     feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:42:41 2021 +0800
|     feature commit 1

* commit cdf08d060fd09a6373cf0b77e6692815570fd9a2 (master)
/ Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:49:15 2021 +0800
|     bug fix
:
```

The VS Code interface shows the following details:

- EXPLORER**: Shows a tree view with **OPEN EDITORS** containing a file named `feature` and a folder named `GIT-TUTORIAL3` containing files `feature` and `hello`. A blue circle with the number **1** is visible next to the `GIT-TUTORIAL3` folder.
- RECORDINGS**: A blue folder icon labeled `git-tutorial3`.
- OUTLINE**: A collapsed section.
- TIMELINE**: A collapsed section.
- Bottom Status Bar**: Shows the file name `feature1*`, line and column information `Ln 1, Col 9`, character count `Spaces: 4`, encoding `UTF-8`, line ending `LF`, file type `Plain Text`, and a magnifying glass icon.
- Bottom Taskbar**: Icons for Finder, Google Chrome, VS Code, Terminal, Activity Monitor, and Trash.

The screenshot shows a developer's workspace with the following elements:

- EXPLORER**: Shows a tree view of open editors and git repositories. Editors include "feature" and "hello". Repositories include "GIT-TUTORIAL3" with "feature" and "hello" branches.
- OPEN EDITORS**: Displays the "feature" editor.
- GIT-TUTORIAL3**: Shows the "feature" and "hello" branches.
- RECORDINGS**: A button labeled "Recordings" is visible.
- TERMINAL**: A terminal window titled "git-tutorial3 — zsh — 80x24" displays the following git log output:

```
* commit dda9861cec7de9b2d65e3267e317700553e63287 (HEAD -> feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:08:10 2021 +0800

    feature done

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:43:46 2021 +0800

    feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit cdf08d060fd09a6373cf0b77e6692815570fd9a2 (master)
/ Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:49:15 2021 +0800

    bug fix
```
- STATUS BAR**: Shows "feature1*" with 0 changes, file icons, and status: "Ln 1, Col 9 Spaces: 4 UTF-8 LF Plain Text".
- VIDEO CALL**: A video call interface with a user profile picture and a microphone icon.

A screenshot of a video call interface, likely from a platform like Zoom or Google Meet, showing a GitHub commit log in a terminal window. The terminal window is titled "git-tutorial3 — less - git log --all --graph — 80x24". The commit log shows the following history:

```
* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:08:10 2021 +0800

    feature done

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:43:46 2021 +0800

    feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit cdf08d060fd09a6373cf0b77e6692815570fd9a2 (HEAD -> master)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:49:15 2021 +0800

    bug fix
```

The GitHub interface shows an "EXPLORER" sidebar with "OPEN EDITORS" containing "feature (deleted)" and "GIT-TUTORIAL3" containing "bugfix" and "hello". The "git-tutorial3" folder is visible in the sidebar. The bottom status bar shows "feature1*" and "Ln 1, Col 9". A toolbar at the bottom includes icons for Finder, Chrome, VS Code, and others.

A screenshot of a video call interface, likely from a platform like Zoom or Google Meet, showing a GitHub commit history in a terminal window. The terminal window is titled "git-tutorial3 — zsh — 80x24".

```
* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:08:10 2021 +0800

    feature done

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:43:46 2021 +0800

    feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit cdf08d060fd09a6373cf0b77e6692815570fd9a2 (HEAD -> master)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:49:15 2021 +0800

    bug fix
```

The commit history shows four commits. The first three are under the "feature1" branch, and the last one is merged into the "master" branch. The commits are authored by Simon Bao and dated June 5, 2021.

At the bottom of the terminal window, the command "git merge feature1" is visible. The status bar at the bottom of the screen shows "Ln 1, Col 9" and "Plain Text".

The screenshot shows a GitHub Codespace interface with the following components:

- EXPLORER**: Shows a tree view with **OPEN EDITORS** and **GIT-TUTORIAL3**. Under **GIT-TUTORIAL3**, there are two collapsed branches: **bugfix** and **hello**. A blue circular badge with the number **1** is visible next to the **git-tutorial3** folder icon.
- RECORDINGS**: A blue button labeled **Recordings** is located in the top right corner.
- git-tutorial3**: A blue folder icon labeled **git-tutorial3** is located in the top right corner.
- OUTLINE**: A section with a gear icon and a dropdown menu showing **master+**.
- TIMELINE**: A section with a gear icon and a dropdown menu showing **0** and **⚠ 0**.
- TERMINAL**: A terminal window titled **git-tutorial3 — zsh — 80x24** displaying the following Git commit history:

```
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:08:10 2021 +0800

    feature done

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:43:46 2021 +0800

    feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:42:41 2021 +0800

    feature commit 1

* commit cdf08d060fd09a6373cf0b77e6692815570fd9a2 (HEAD -> master)
/ Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 09:49:15 2021 +0800

    bug fix
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git merge feature1 -m "Merge feature"
```
- BROWSER**: A toolbar at the bottom with icons for Finder, Google Chrome, VS Code, Terminal, System Preferences, Mail, and Trash.

A screenshot of a dark-themed code editor interface, likely Visual Studio Code, showing a terminal window displaying a git log output. The terminal window has a light gray background and a white border. The output shows several commits:

```
git-tutorial3 — less < git log --all --graph — 80x24
* commit 8bea7456606a33339494c5f8edfd28135fcdf71f (HEAD -> master)
| \ Merge: cdf08d0 dda9861
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:25:59 2021 +0800
|
|     Merge feature1
|
* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:08:10 2021 +0800
|
|     feature done
|
* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 09:43:46 2021 +0800
|
|     feature commit 2
|
* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 09:42:41 2021 +0800
|
| :|
```

The left sidebar shows an 'EXPLORER' view with a folder icon, an 'OPEN EDITORS' section with a magnifying glass icon, and a 'GIT-TUTORIAL3' section with three files: 'bugfix' (grey), 'feature' (green), and 'hello' (grey). A blue circle with the number '1' is next to the 'feature' file. Below these are 'OUTLINE' and 'TIMELINE' sections. The bottom status bar shows 'master+' and other icons. On the right, there's a 'Recordings' section with a blue folder icon and a 'git-tutorial3' folder icon, and a circular video overlay of a person.

Merge Conflicts

Merge Conflict



Merge Conflict

Branch 1

```
hello.js  
1  function a() {  
2  return 5;  
2  alert(5);  
3  }
```

Branch 2

```
hello.js  
1  function a() {  
2  return 5;  
2  confirm(5);  
3  }
```



Merge Conflict

Branch 1

```
hello.js
1 function a() {
2 return 5;
2   alert(5);
3 }
```

Merge Result

We don't know...

Branch 2

```
hello.js
1 function a() {
2 return 5;
2   confirm(5);
3 }
```



Merge Conflict

Branch 1

```
hello.js  
1 function a() {  
2 return 5;  
2   alert(5);  
3 }
```

Merge Result

```
hello.js  
1 function a() {  
2 return 5;  
2   alert(5);  
3   confirm(5);  
4 }
```

Branch 2

```
hello.js  
1 function a() {  
2 return 5;  
2   confirm(5);  
3 }
```

 Incorrect



A screenshot of a computer interface showing a GitHub commit history in a terminal window. The terminal window is titled "git-tutorial3 — zsh — 80x24". The commit history is as follows:

```
* commit 8bea7456606a33339494c5f8edfd28135fcdf71f (HEAD -> master, conflict)
| \ Merge: cdf08d0 dda9861
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:25:59 2021 +0800
|
|     Merge feature1
|
* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:08:10 2021 +0800
|
|     feature done
|
* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 09:43:46 2021 +0800
|
|     feature commit 2
|
* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 09:42:41 2021 +0800
|
supersimpledev@Simons-MacBook-Pro git-tutorial3 %
```

The GitHub interface shows an "EXPLORER" sidebar with "OPEN EDITORS" containing "feature", "GIT-TUTORIAL3" containing "bugfix", "feature", and "hello", and "RECORDINGS" and "git-tutorial3" sections. The bottom navigation bar includes "master", "OUTLINE", "TIMELINE", "Ln 1, Col 9", "Spaces: 4", "UTF-8", "LF", "Plain Text", and a magnifying glass icon. A toolbar at the bottom features icons for Finder, Google Chrome, VS Code, Terminal, Activity Monitor, and Trash.

The screenshot shows a video recording interface with a terminal window in the center. The terminal window has a title bar "git-tutorial3 — zsh — 80x24". The content of the terminal is as follows:

```
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:25:59 2021 +0800

Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:08:10 2021 +0800

    feature done

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:43:46 2021 +0800

    feature commit 2

* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 09:42:41 2021 +0800

supersimpledev@Simons-MacBook-Pro git-tutorial3 % git checkout conflict
Switched to branch 'conflict'
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
```

The terminal status bar at the bottom shows "Ln 1, Col 11" and "Spaces: 4". The bottom dock contains icons for Finder, Google Chrome, VS Code, Terminal, Mail, and others.

The screenshot shows a GitHub Codespace interface with a terminal window and a video player.

Terminal Output:

```
git-tutorial3 — zsh — 80x24
Date: Sat Jun 5 10:25:59 2021 +0800
Merge feature1
* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:08:10 2021 +0800

feature done
* commit e0e165fe611edc6db7c64a73ce3683ea06607927
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:43:46 2021 +0800

feature commit 2
* commit d753aa5ef88223ecf3fc66f105f90afb2233501d
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 09:42:41 2021 +0800

[super simple dev@Simons-MacBook-Pro git-tutorial3 % git checkout conflict
Switched to branch 'conflict'
super simple dev@Simons-MacBook-Pro git-tutorial3 % git add .
super simple dev@Simons-MacBook-Pro git-tutorial3 % git commit -m "conflict1"]
```

Code Editor:

```
1 | conflict 1
```

File Explorer:

- EXPLORER
- OPEN EDITORS
- git-tutorial3
 - bugfix
 - feature (M)
 - hello

Bottom Status Bar:

- conflict*
- 0 △ 0
- Ln 1, Col 11
- Spaces: 4
- UTF-8
- LF
- Plain Text
- Recordings
- git-tutorial3

Bottom Dock:

- Smiley face icon
- Google Chrome icon
- VS Code icon
- Terminal icon
- Finder icon (with a red notification badge)
- Recycle Bin icon



A screenshot of a developer's workspace in a video conference. The developer is visible in a circular video frame on the right side of the screen.

The workspace includes:

- EXPLORER**: Shows a tree view with **OPEN EDITORS** containing `feature`, **GIT-TUTORIAL3** containing `bugfix`, `feature` (selected), and `hello`. A blue circle with the number 1 is next to the `feature` entry.
- OPEN EDITORS**: A list with `feature` (selected) and `M`.
- Git Log**: A terminal window titled "git-tutorial3 — less < git log --all --graph — 80x24" showing the commit history:

```
* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (HEAD -> conflict)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:44:16 2021 +0800

|       conflict1

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f (master)
| \ Merge: cdf08d0 dda9861
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:25:59 2021 +0800

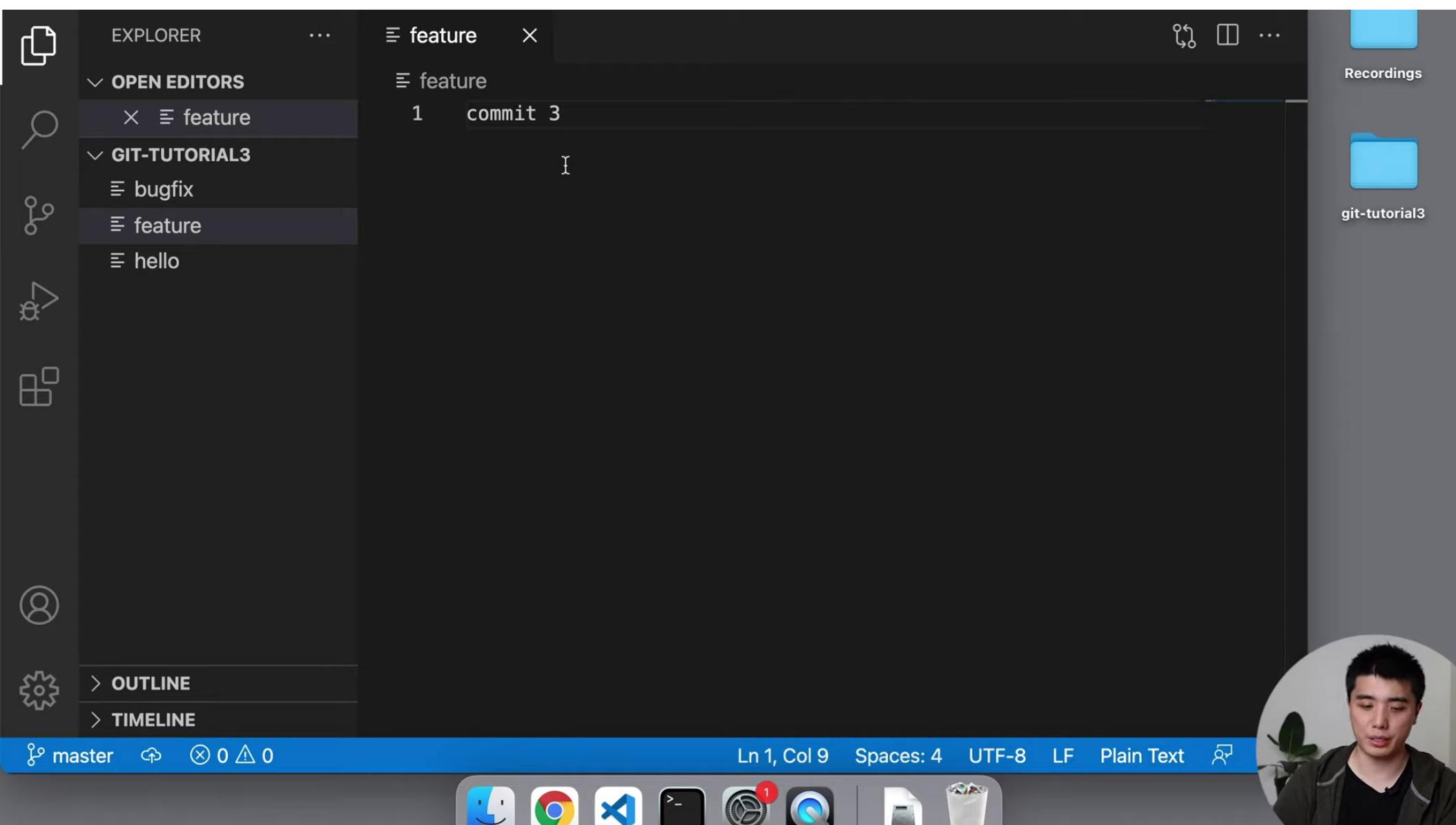
|       Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:08:10 2021 +0800

|       feature done

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 09:43:46 2021 +0800

:
```
- Recordings**: A button labeled "Recordings".
- File Explorer**: A sidebar with icons for file operations like Open, Save, Find, and Refresh.
- Bottom Bar**: Includes icons for Finder, Google Chrome, VS Code, Terminal, and others, along with status information: Ln 1, Col 11, Spaces: 4, UTF-8, LF, Plain Text, and a magnifying glass icon.



The screenshot shows a developer's workspace with several open editors and a terminal window.

EXPLORER (Left Sidebar):

- OPEN EDITORS:**
 - feature (selected)
 - bugfix
 - feature
 - hello
- GIT-TUTORIAL3:**
 - bugfix
 - feature (selected)
 - hello

OUTLINE and **TIMELINE** are also visible in the sidebar.

RECORDINGS (Top Right): Recordings folder for "git-tutorial3".

Editor Area: A file named "feature" is open, showing the following content:

```
1 | conflict 2
```

Terminal Window: A zsh terminal window titled "git-tutorial3 — zsh — 80x24" displays the following output:

```
conflict1
* commit 8bea7456606a33339494c5f8edfd28135fcdf71f (master)
| \ Merge: cdf08d0 dda9861
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:25:59 2021 +0800

Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:08:10 2021 +0800

feature done

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 09:43:46 2021 +0800

[super simple dev@Simons-MacBook-Pro git-tutorial3 % git checkout master
Switched to branch 'master'
super simple dev@Simons-MacBook-Pro git-tutorial3 % git add .
super simple dev@Simons-MacBook-Pro git-tutorial3 % ]
```

Bottom Status Bar:

- master
- Ln 1, Col 11
- Spaces: 4
- UTF-8
- LF
- Plain Text
- Icon bar: Finder, Google Chrome, VS Code, Terminal, Mail, Calendar, Photos, iBooks, iCloud Drive.



A screenshot of a developer's workspace in a video conference. The developer is visible in a circular video frame on the right side of the screen.

The workspace includes:

- EXPLORER**: Shows open editors for "feature" and "GIT-TUTORIAL3" (containing "bugfix", "feature", and "hello").
- OPEN EDITORS**: Shows the "feature" editor with the file "conflict 2" open.
- GIT-TUTORIAL3**: Shows the contents of the "feature" folder.
- OUTLINE**: Shows the current branch is "master".
- TIMELINE**: Shows recent git commands: `git checkout master`, `git add .`, and `git commit`.
- RECORDINGS**: A sidebar showing a recording of the "git-tutorial3" session.
- Bottom Bar**: Includes icons for Finder, Google Chrome, VS Code, Terminal, Mail, and others, along with status information: Ln 1, Col 11, Spaces: 4, UTF-8, LF, Plain Text, and a search icon.

The terminal window shows the following git history:

```
git-tutorial3 — zsh — 80x24

conflict1

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f (master)
| \ Merge: cdf08d0 dda9861
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:25:59 2021 +0800

Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:08:10 2021 +0800

feature done

* commit e0e165fe611edc6db7c64a73ce3683ea06607927
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 09:43:46 2021 +0800

[super simple dev@Simons-MacBook-Pro git-tutorial3 % git checkout master]
Switched to branch 'master'
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git add .]
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git commit]
```



A screenshot of a developer's workspace in a video conference. The developer is visible in a circular video window on the right side of the screen.

The workspace includes:

- EXPLORER**: Shows a tree view of open editors and a folder named "GIT-TUTORIAL3".
- OPEN EDITORS**: Shows an editor titled "feature" containing the text "conflict 2".
- GIT-TUTORIAL3**: Shows sub-folders "bugfix", "feature", and "hello".
- RECORDINGS**: A blue folder icon labeled "Recordings".
- git-tutorial3**: A blue folder icon labeled "git-tutorial3" located on the far right.
- OUTLINE**: A collapsed section under the Explorer.
- TIMELINE**: A collapsed section under the Explorer.
- Bottom Bar**: Includes icons for Finder, Google Chrome, VS Code, a terminal, a gear, a trash can, and a document.
- Status Bar**: Shows "master" branch, file counts (0 files, 0 changes), and file statistics (Ln 1, Col 11, Spaces: 4, UTF-8, LF, Plain Text).
- Code Editor**: Displays a terminal window titled "git-tutorial3 — less - git log --all --graph - 80x24" showing the commit history:

```
git-tutorial3 — less - git log --all --graph - 80x24
* commit 9be23ea1fd2b0fe91d3927a25fe17ba3cbd7c33c (HEAD -> master)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:45:08 2021 +0800

    conflict2

* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:44:16 2021 +0800

    conflict1

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
| Merge: cdf08d0 dda9861
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:25:59 2021 +0800

    Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:08:10 2021 +0800

:
```

A screenshot of a video call interface, likely from a platform like Zoom or Google Meet, showing a GitHub commit history in a terminal window. The terminal window is titled "git-tutorial3 — zsh — 80x24".

```
git-tutorial3 --zsh -- 80x24
* commit 9be23ea1fd2b0fe91d3927a25fe17ba3cbd7c33c (HEAD -> master)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:45:08 2021 +0800

    conflict2

* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
/| Author: Simon Bao <simon@supersimple.dev>
/| Date: Sat Jun 5 10:44:16 2021 +0800

    conflict1

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
|\ Merge: cdf08d0 dda9861
|\ Author: Simon Bao <simon@supersimple.dev>
|\ Date: Sat Jun 5 10:25:59 2021 +0800

    Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
|\ Author: Simon Bao <simon@supersimple.dev>
|\ Date: Sat Jun 5 10:08:10 2021 +0800

supersimpledev@Simons-MacBook-Pro git-tutorial3 % git merge
```

The GitHub interface shows the "EXPLORER" sidebar with a tree view of repositories: "OPEN EDITORS" (feature), "GIT-TUTORIAL3" (bugfix, feature, hello). The "feature" editor is currently active. The "OUTLINE" and "TIMELINE" sections are also visible.

A screenshot of a Mac desktop interface. On the left is a vertical toolbar with icons for file operations, search, and navigation. Below it are sections for 'OUTLINE' and 'TIMELINE'. The main area shows an 'EXPLORER' sidebar with a tree view of open editors and a 'GIT-TUTORIAL3' repository containing 'bugfix', 'feature', and 'hello' branches. A central editor window titled 'feature' displays a file named 'conflict2'. A terminal window titled 'git-tutorial3 — zsh — 80x24' shows a git log with several commits, including a merge commit and a conflict commit. The status bar at the bottom indicates the current branch is 'master', and the terminal shows the command 'git merge conflict -m "Merge conflict"'. A circular video overlay in the bottom right corner shows a person speaking.

```
git-tutorial3 — zsh — 80x24
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:45:08 2021 +0800

conflict2

* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
/ Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:44:16 2021 +0800

conflict1

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
\ Merge: cdf08d0 dda9861
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:25:59 2021 +0800

Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:08:10 2021 +0800

supersimpledev@Simons-MacBook-Pro git-tutorial3 % git merge conflict -m "Merge conflict"
```

A screenshot of a video conference interface, likely from a platform like Zoom or Google Meet, showing a GitHub commit history in a terminal window. The terminal window is titled "git-tutorial3 — zsh — 80x24".

```
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
1 | <<<<< HEAD (Current Change)
2 | conflict 2
* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
/ Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:44:16 2021 +0800

    conflict1

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
\ Merge: cdf08d0 dda9861
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:25:59 2021 +0800

    Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:08:10 2021 +0800

|supersimpledev@Simons-MacBook-Pro git-tutorial3 % git merge conflict -m "Merge conflict"
Auto-merging feature
CONFLICT! (content): Merge conflict in feature
Automatic merge failed; fix conflicts and then commit the result.
supersimpledev@Simons-MacBook-Pro git-tutorial3 %
```

The GitHub interface shows a repository named "GIT-TUTORIAL3" with branches "bugfix", "feature", and "hello". The "feature" branch is currently selected. The terminal window displays a series of commits, starting with a merge conflict between "HEAD (Current Change)" and a previous commit. It then shows a merge commit from "feature1" into the current branch, followed by a commit from "feature1" itself. The bottom of the terminal window shows a command being entered: "git merge conflict -m 'Merge conflict'". The status bar at the bottom of the screen indicates "Ln 6, Col 1" and "Spaces: 4".

EXPLORER

OPEN EDITORS

- feature** !
- GIT-TUTORIAL3
 - bugfix
 - feature** !
 - hello

Recordings

git-tutorial3

feature

Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes

```
<<<<< HEAD (Current Change)
1 conflict 2
=====
2
3 =====
4 conflict 1
5 >>>> conflict (Incoming Change)
6
```

Ln 1, Col 13 Spaces: 4 UTF-8 LF Plain Text

master! 0 0

Outline Timeline

VS Code icons: Finder, Google Chrome, VS Code, Terminal, Activity Monitor, Spotlight, Trash

EXPLORER ...

OPEN EDITOR... 1 UNSAVED

GIT-TUTORIAL3

bugfix

feature !

hello

feature !

feature

```
1 conflict 2
2 =====
3 conflict 1
4 >>>> conflict }
```

Recordings

git-tutorial3

master! 0 0

Ln 1, Col 1 Spaces: 4 UTF-8 LF Plain Text

Smiley face icon Google Chrome icon VS Code icon Terminal icon GitHub icon Recycle bin icon



A screenshot of a computer screen displaying a code editor interface, likely Visual Studio Code, with a video call overlay.

The code editor shows a file named "feature" with the following content:

```
1 conflict 2
=====
conflict 1
>>>>> conflict
```

The cursor is positioned at the start of the third line ("conflict 1"). A circular selection highlight surrounds the first three lines of the conflict block.

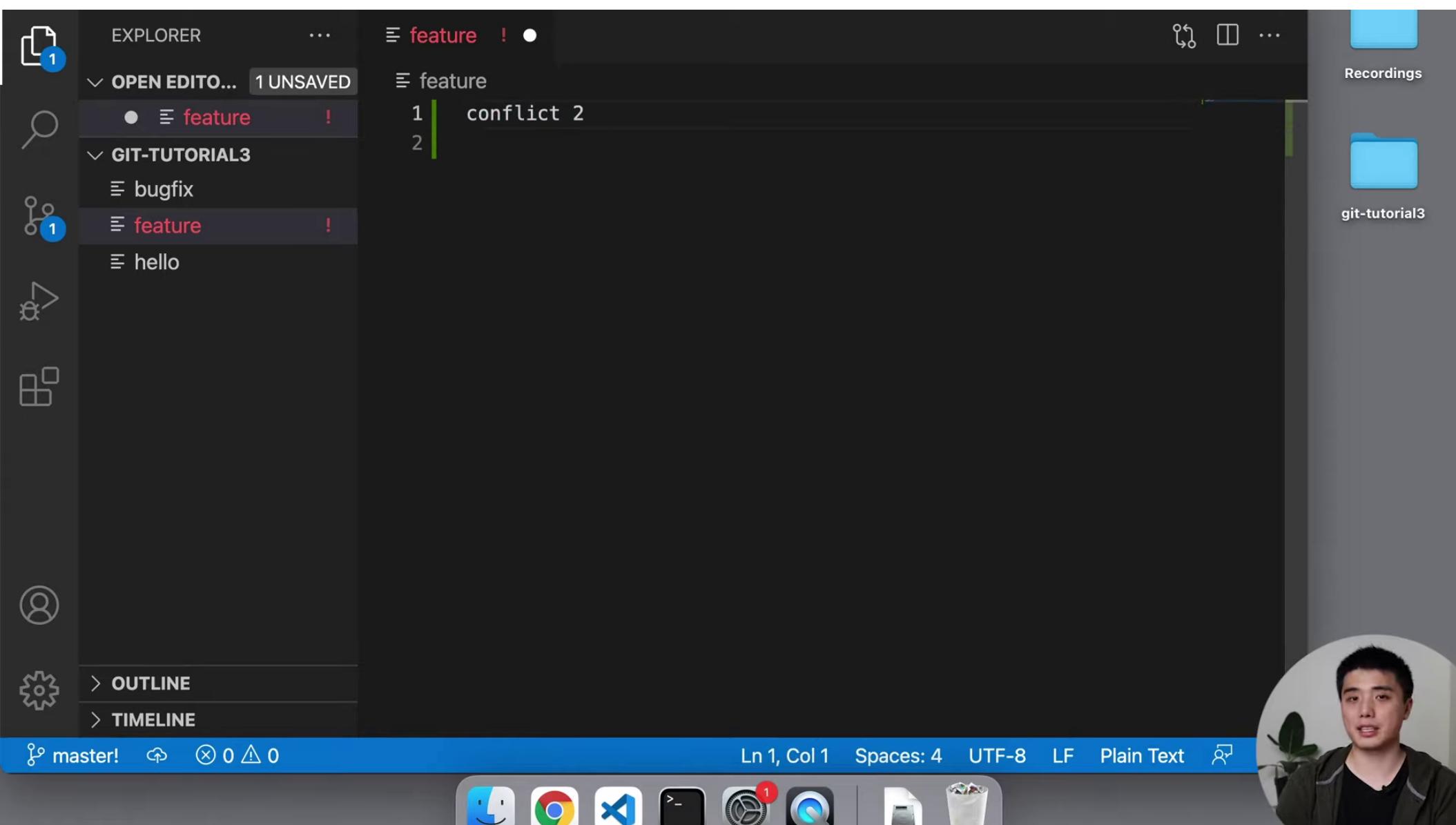
The left sidebar (Explorer) shows a project structure:

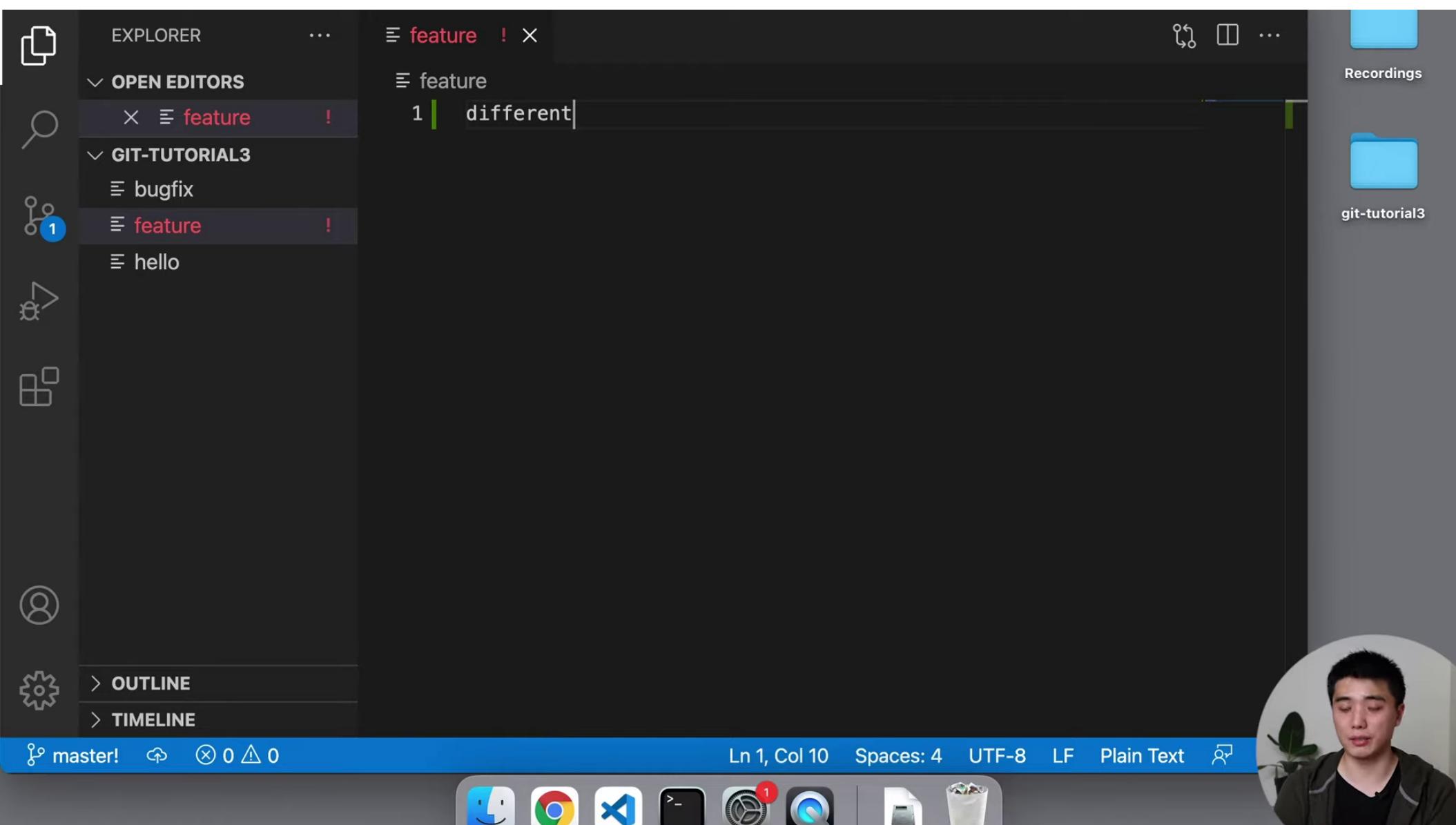
- OPEN EDITOR... (1 UNSAVED)
- GIT-TUTORIAL3
 - bugfix
 - feature (highlighted)
 - hello

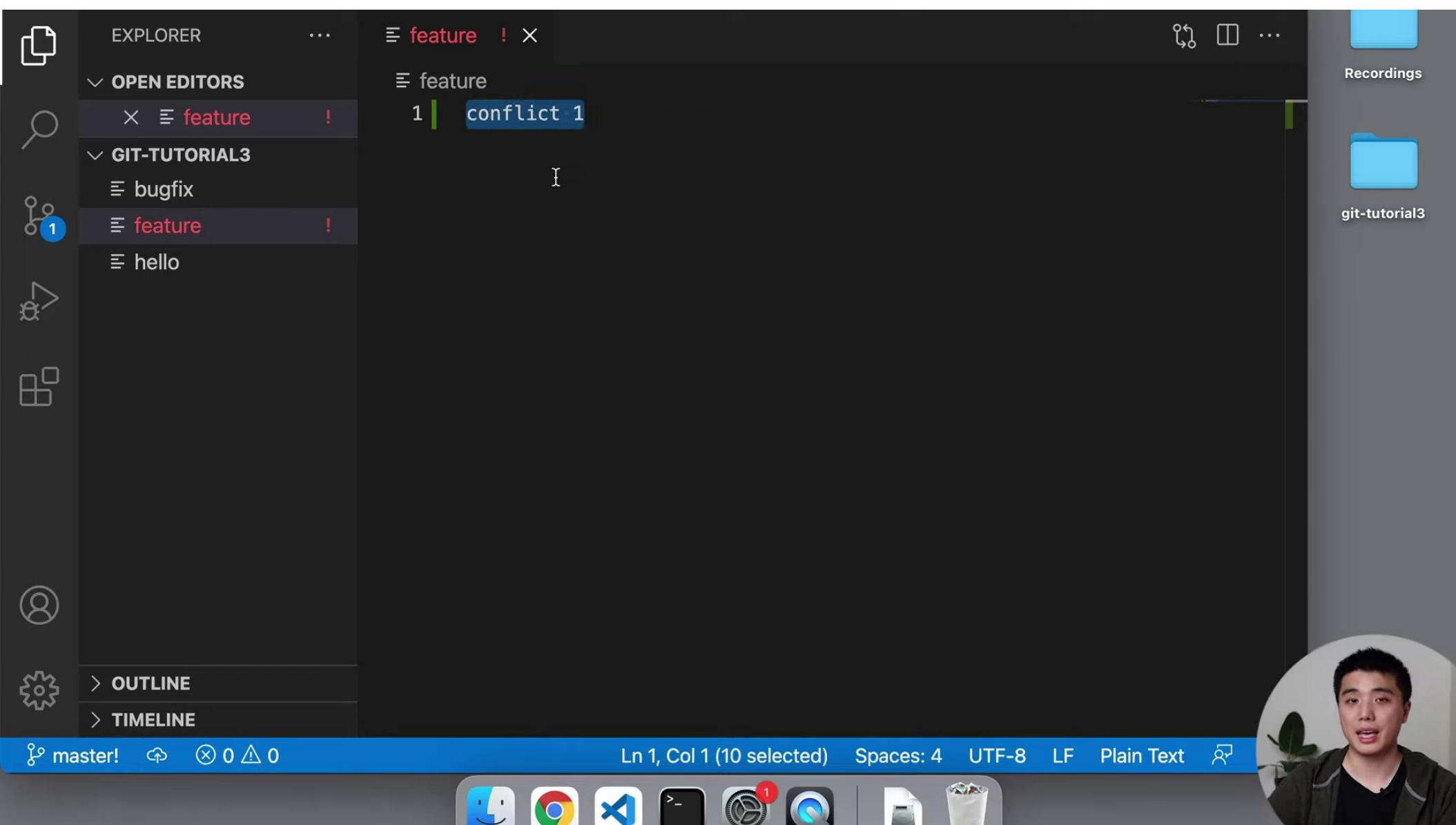
The bottom status bar indicates:

- master! (branch)
- 0 changes (0)
- 0 warnings (0)
- Ln 3, Col 1 (36 selected)
- Spaces: 4
- UTF-8
- LF
- Plain Text

The bottom taskbar includes icons for Finder, Google Chrome, VS Code, Terminal, Activity Monitor, and Trash.







A screenshot of a video call interface. On the right, there is a circular profile picture of a young man with dark hair. To his right is a blue folder icon labeled "git-tutorial3". The main area shows a GitHub Codespace terminal window titled "git-tutorial3 — zsh — 80x24". The terminal displays a git log output:

```
* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
|/ Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:44:16 2021 +0800

    conflict1

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
|\ Merge: cdf08d0 dda9861
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 10:25:59 2021 +0800

    Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 10:08:10 2021 +0800

[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git merge conflict -m "Merge conflict"
onflict"
Auto-merging feature
CONFLICT (content): Merge conflict in feature
Automatic merge failed; fix conflicts and then commit the result.
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git add .
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git
```

The GitHub Codespace interface includes an Explorer sidebar with "OPEN EDITORS" (feature, bugfix, feature, hello) and a "GIT-TUTORIAL3" repository. The status bar at the bottom shows "master!" and "Ln 1, Col 1 (10 selected)". A toolbar at the bottom features icons for Finder, Google Chrome, VS Code, Terminal, and others.

The screenshot shows a developer's workspace with various tools and a video recording interface.

VS Code Explorer:

- OPEN EDITORS:** feature (marked with !)
- GIT-TUTORIAL3:** bugfix, feature (marked with !), hello

Terminal: git-tutorial3 — zsh — 80x24

```
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:44:16 2021 +0800

conflict1

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
| Merge: cdf08d0 dda9861
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:25:59 2021 +0800

Merge feature1

* commit dda9861cec7de9b2d65e3267e317700553e63287 (feature1)
| Author: Simon Bao <simon@supersimple.dev>
| Date: Sat Jun 5 10:08:10 2021 +0800

[super simple dev@Simons-MacBook-Pro git-tutorial3 % git merge conflict -m "Merge conflict"
onflict"
Auto-merging feature
CONFLICT (content): Merge conflict in feature
Automatic merge failed; fix conflicts and then commit the result.
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git add .
super simple dev@Simons-MacBook-Pro git-tutorial3 % git commit -m "Merge conflict
resolved"]]
```

Bottom Status Bar:

- master! (green)
- 0 files modified (green)
- 0 errors (green)
- Ln 1, Col 1 (10 selected)
- Spaces: 4
- UTF-8
- LF
- Plain Text
- Recordings (button)

Mac OS Dock:

- Finder
- Google Chrome
- Visual Studio Code
- Terminal (with a red notification badge)
- System Preferences
- Activity Monitor
- trash

Feature Branch Workflow

What are feature branches?

A workflow.

A step-by-step process for using Git and GitHub.



Feature Branch Workflow

(from earlier)

```
git-tutorial3 — less - git log --all --graph — 80x24
* commit cdf08d060fd09a6373cf0b77e6692815570fd9a2 (HEAD -> master)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:49:15 2021 +0800
|
|     bug fix
|
| * commit e0e165fe611edc6db7c64a73ce3683ea06607927 (feature1)
| | Author: Simon Bao <simon@supersimple.dev>
| | Date:   Sat Jun 5 09:43:46 2021 +0800
|
|     feature commit 2
|
| * commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| | Author: Simon Bao <simon@supersimple.dev>
| | Date:   Sat Jun 5 09:42:41 2021 +0800
|
|     feature commit 1
|
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:25 2021 +0800
|
|     version3
| :  
:
```



Feature Branch Workflow

(from earlier)

```
git-tutorial3 — less - git log --all --graph — 80x24
* commit cdf08d060fd09a6373cf0b77e6692815570fd9a2 (HEAD -> master)
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:49:15 2021 +0800
|
|     bug fix
|
| * commit e0e165fe611edc6db7c64a73ce3683ea06607927 (feature1)
| | Author: Simon Bao <simon@supersimple.dev>
| | Date:   Sat Jun 5 09:43:46 2021 +0800
|
|     feature commit 2
|
| * commit d753aa5ef88223ecf3fc66f105f90afb2233501d
| | Author: Simon Bao <simon@supersimple.dev>
| | Date:   Sat Jun 5 09:42:41 2021 +0800
|
|     feature commit 1
|
* commit 9bb22ff9063a3e1134e5cea3fb289df492868cef
| Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 09:27:25 2021 +0800
|
|     version3
| :  

```

feature branch



Feature Branch Workflow

Problem: code reviews



Feature Branch Workflow

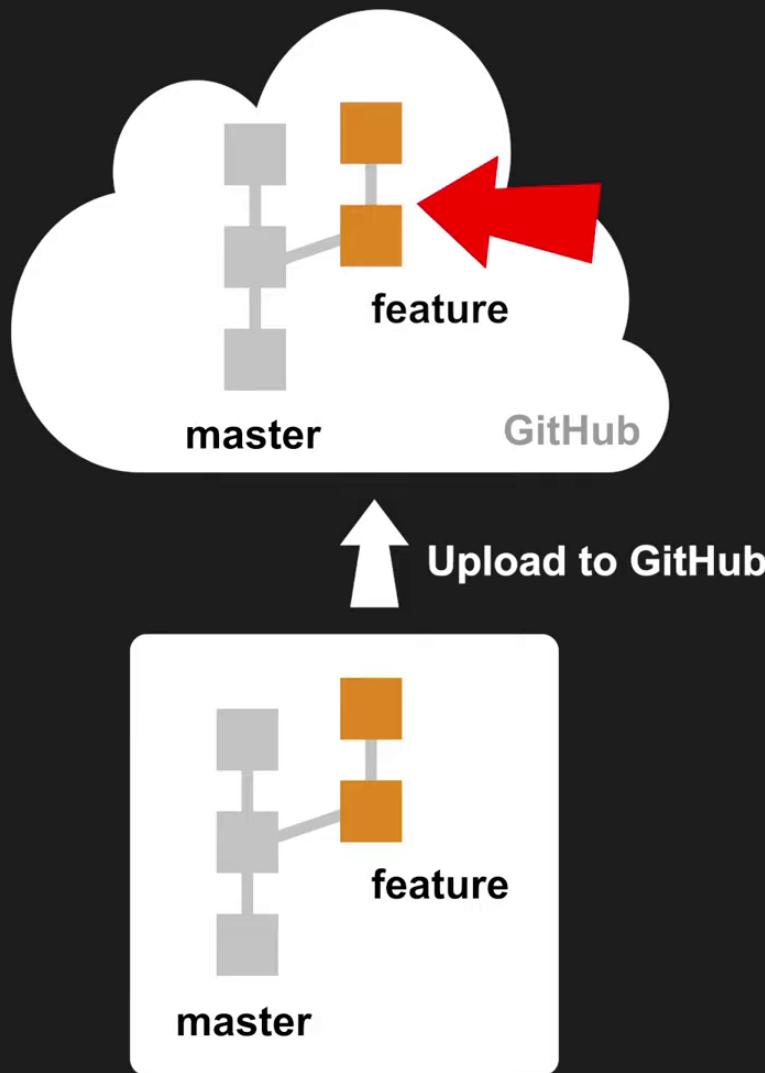
- 1. Create a feature branch**
- 2. Upload feature branch to GitHub**



Features

1. Create

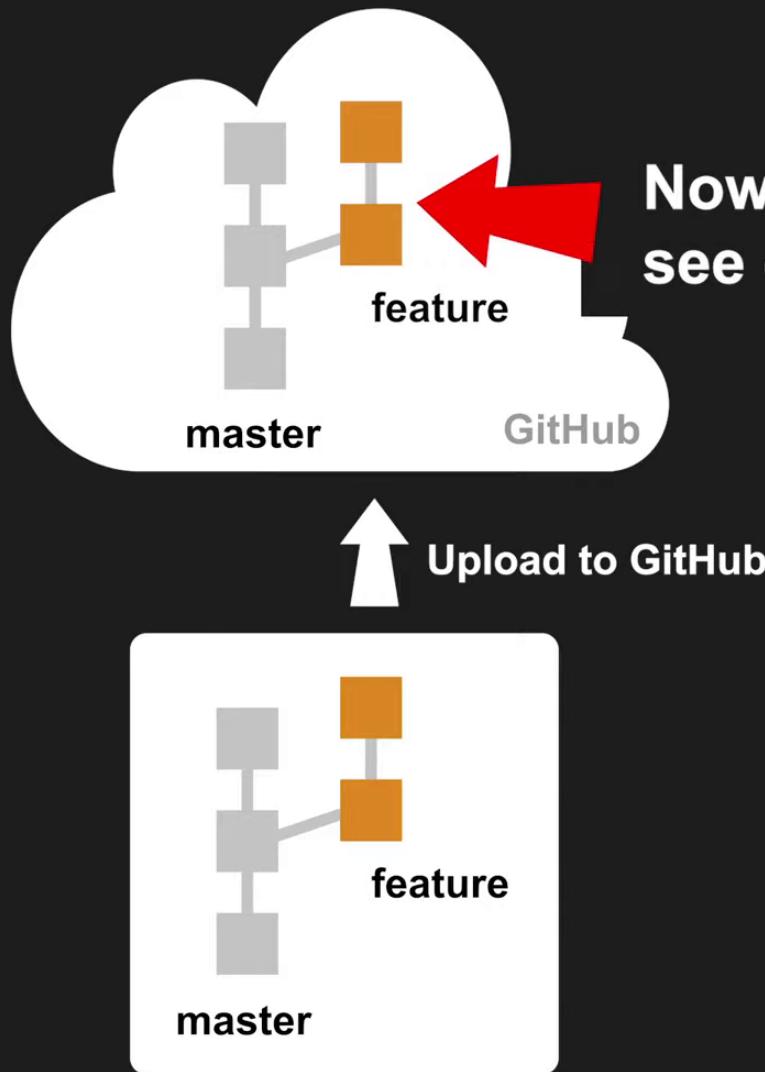
2. Upload



Features

1. Create

2. Upload



Feature Branch Workflow

- 1. Create a feature branch**
- 2. Upload feature branch to GitHub**
- 3. Create a “Pull Request”
(do code reviews)**



Feature Branch Workflow

- 1. Create a feature branch**
- 2. Upload feature branch to GitHub**
- 3. Create a “Pull Request”
(do code reviews)**
- 4. Merge feature branch into master/main branch**



Feature Branch Workflow

- 1. Create a feature branch**
- 2. Upload feature branch to GitHub**
- 3. Create a “Pull Request”
(do code reviews)**
- 4. Merge feature branch into master/main branch
(merging happens on GitHub)**



EXPLORER ...

OPEN EDITORS

- feature
- new-feature U**

GIT-TUTORIAL3

- bugfix
- feature
- hello
- new-feature U**

Recordings

git-tutorial3

new-feature

new feature

Ln 1, Col 12 Spaces: 4 UTF-8 LF Plain Text

master* ↻ ⚡ 0 ⚡ 0

Mac OS X Chrome VS Code Terminal Git Bash Dockerfile

The screenshot shows a video recording interface with a terminal window displaying a GitHub commit history. The terminal window is titled "git-tutorial3 — zsh — 80x24".

```
Merge: 9be23ea 6bd4d22
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:57:05 2021 +0800

Merge conflict resolved

* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:44:16 2021 +0800

conflict1

* commit 9be23ea1fd2b0fe91d3927a25fe17ba3cbd7c33c
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:45:08 2021 +0800

conflict2

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
Merge: cdf08d0 dda9861
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:25:59 2021 +0800
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git branch new-feature
super simple dev@Simons-MacBook-Pro git-tutorial3 % ]
```

The GitHub interface shows the "new-feature" branch selected in the Explorer sidebar. The terminal window is the active editor in the Open Editors list. The status bar at the bottom indicates the current branch is "master*".



A screenshot of a developer's workspace in a video conference. The developer is visible in a circular video window on the right side of the screen.

The workspace includes:

- EXPLORER**: Shows a tree view of open editors and git repositories.
 - OPEN EDITORS**: feature (new-feature)
 - GIT-TUTORIAL3**: bugfix, feature, hello, new-feature (U)
- RECORDINGS**: A folder icon labeled "Recordings".
- git-tutorial3**: A folder icon labeled "git-tutorial3".
- CODE EDITOR**: The "new-feature" editor shows the following code:

```
1 new feature
```
- TERMINAL**: A terminal window titled "git-tutorial3 — less < git log --all --graph — 80x24" displays the following git log output:

```
* commit 735548fae66bf9471e6cdcf898f0a45c7e924a39 (HEAD -> master, new-feature)
)
|\ Merge: 9be23ea 6bd4d22
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:57:05 2021 +0800
|
|   Merge conflict resolved

* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:44:16 2021 +0800
|
|   conflict1

* commit 9be23ea1fd2b0fe91d3927a25fe17ba3cbd7c33c
| | Author: Simon Bao <simon@supersimple.dev>
| | Date: Sat Jun 5 10:45:08 2021 +0800
|
|   conflict2

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
| | Merge: cdf08d0 dda9861
| | Author: Simon Bao <simon@supersimple.dev>
| :
```
- STATUS BAR**: Shows the current branch is "master*", with 0 changes and 0 warnings. It also shows file statistics: Ln 1, Col 12, Spaces: 4, UTF-8, LF, Plain Text, and a file icon.
- APPLICATION BAR**: Shows icons for Finder, Google Chrome, Visual Studio Code, a terminal, a gear, a document, and a trash can.

A screenshot of a Mac desktop environment. In the center is a terminal window titled "git-tutorial3 — zsh — 80x24". The terminal displays a git log output with several commits and merge conflicts:

```
Merge: 9be23ea 6bd4d22
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:57:05 2021 +0800

Merge conflict resolved

* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:44:16 2021 +0800

conflict1

* commit 9be23ea1fd2b0fe91d3927a25fe17ba3cbd7c33c
Author: Simon Bao <simon@supersimple.dev>
Date: Sat Jun 5 10:45:08 2021 +0800

conflict2

* commit 8bea7456606a33339494c5f8edfd28135fcdf71f
Merge: cdf08d0 dda9861
Author: Simon Bao <simon@supersimple.dev>
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git checkout new-feature
Switched to branch 'new-feature'
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git log --all --gr]
```

The VS Code interface is visible in the background, showing the "OPEN EDITORS" sidebar with "new-feature" selected. A status bar at the bottom shows "master*" and other terminal-related information.

github.com

Apps Docs

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Repositories New

Find a repository...

supersimpledev... /git-tutorial
 supersimpledev... /new-project
 supersimpledev... /existing-project

Working with a team?

GitHub is built for collaboration. Set up an organization to improve the way your team works together, and get access to more features.

Create an organization

<https://github.com/supersimpledev-test2?tab=repositories>

Introduce yourself

The easiest way to introduce yourself on GitHub is by creating a README in a repository about you! You can start here:

supersimpledev-test2 / README.md

```
1 - 🌟 Hi, I'm @supersimpledev-test2
2 - 🌐 I'm interested in ...
3 - 🌱 I'm currently learning ...
4 - 💫 I'm looking to collaborate on ...
5 - 📩 How to reach me ...
6
```

Dismiss this Continue

Discover interesting projects and people to populate your personal news feed.

Your news feed helps you keep up with recent activity on repositories you [watch](#) or [star](#) and people you [follow](#).



2021 Octoverse Survey

Contribute to this year's Octoverse Report by sharing your experience writing code.

Take survey



github.com/supersimpledev-test2?tab=repositories

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Overview Repositories 3 Projects Packages

Find a repository... Type Language Sort New

git-tutorial

JavaScript Updated on Mar 12

new-project

Updated on Mar 11

existing-project

JavaScript Updated on Mar 11

https://github.com/new

Edit profile



supersimpledev-test2



github.com/new

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Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Owner * Repository name *

 supersimpledev-test2 | git-tutorial3 ✓

Great repository names are short and descriptive. "git-tutorial3" is available. What's in a name? How about [reimagined-tribble](#)?

Description (optional)

 Public Anyone on the internet can see this repository. You choose who can commit.

 Private You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

Great repository names are short and descriptive. What's your name? How about **reimagined-tribble**?

Description (optional)

 **Public**

Anyone on the internet can see this repository. You choose who can commit.

 **Private**

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

Add a README file

This is where you can write a long description for your project. [Learn more](#).

Add .gitignore

Choose which files not to track from a list of templates. [Learn more](#).

Choose a license

A license tells others what they can and can't do with your code. [Learn more](#).

Create repository



github.com/supersimpledev-test2/git-tutorial3

Apps Docs

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Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH https://github.com/supersimpledev-test2/git-tutorial3.git

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# git-tutorial3" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/supersimpledev-test2/git-tutorial3.git
git push -u origin main
```





Search or jump to...

Pull requests Issues Marketplace Explore



S

supersimpledev-test2 / git-tutorial3

Code Issues Pull requests Actions

Quick setup — if you've done this kind of thing before

Set up in Desktop or HTTPS SSH http

Get started by [creating a new file](#) or [uploading an existing file](#)

...or create a new repository on the command line

```
echo "# git-tutorial3" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/supersimpledev-test2/git-tutorial3.git
git push -u origin main
```

git-tutorial3 — git-remote-https · git push origin master — 80x24

```
* commit 735548fae66bf9471e6cdcf898f0a45c7e924a39 (master)
Merge: 9be23ea 6bd4d22
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:57:05 2021 +0800

    Merge conflict resolved

* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:44:16 2021 +0800

    conflict1

* commit 9be23ea1fd2b0fe91d3927a25fe17ba3cbd7c33c
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:45:08 2021 +0800
```

```
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git remote add origin https://github.com/supersimpledev-test2/git-tutorial3.git
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git checkout master
Switched to branch 'master'
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git push origin master
```





Search or jump to...

Pull requests Issues Marketplace Explore

supersimpledev-test2 / git-tutorial3

Code Issues Pull requests Actions

Quick setup — if you've done this kind of thing before, skip this step

[Set up in Desktop](#) or [HTTPS](#) [SSH](#) [http](#)

Get started by [creating a new file](#) or [uploading an existing file](#)

...or create a new repository on the command line:

```
echo "# git-tutorial3" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/supersimpledev-test2/git-tutorial3.git
git push -u origin main
```

new feature

```
* commit 735548fae66bf9471e6cdcf898f0a45c7e924a39 (master)
Merge: 9be23ea 6bd4d22
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:57:05 2021 +0800

    Merge conflict resolved

* commit 6bd4d22cf950f020f046376bdf51f509a3ce4ff (conflict)
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:44:16 2021 +0800

    conflict1

* commit 9be23ea1fd2b0fe91d3927a25fe17ba3cbd7c33c
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:45:08 2021 +0800

[super simple dev@Simons-MacBook-Pro git-tutorial3 % git remote add origin https://github.com/supersimpledev-test2/git-tutorial3.git
[super simple dev@Simons-MacBook-Pro git-tutorial3 % git checkout master
Switched to branch 'master'
super simple dev@Simons-MacBook-Pro git-tutorial3 % git push origin main]
```





Search or jump to...

Pull requests Issues Marketplace Explore

supersimpledev-test2 / git-tutorial3

Code Issues Pull requests Actions

master 1 branch 0 tags

SuperSimpleDev Merge conflict resolved

bugfix bug fix

feature conflict1

hello version3

Help people interested in this repository understand your

```
conflict1
commit 9be23ea1fd2b0fe91d3927a25fe17ba3cbd7c33c
Author: Simon Bao <simon@supersimple.dev>
Date:   Sat Jun 5 10:45:08 2021 +0800

[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git remote add origin https://github.com/supersimpledev-test2/git-tutorial3.git
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git checkout master
Switched to branch 'master'
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git push origin master
Enumerating objects: 30, done.
Counting objects: 100% (30/30), done.
Delta compression using up to 12 threads
Compressing objects: 100% (18/18), done.
Writing objects: 100% (30/30), 2.48 KiB | 1.24 MiB/s, done.
Total 30 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/supersimpledev-test2/git-tutorial3.git
 * [new branch]      master -> master
[supersimpledev@Simons-MacBook-Pro git-tutorial3 % git checkout new-feature
Switched to branch 'new-feature'
supersimpledev@Simons-MacBook-Pro git-tutorial3 % git push ]
```

No packages published
Publish your first package



github.com/supersimpledev-test2/git-tutorial3

Apps Docs

supersimpledev-test2 / git-tutorial3

Unwatch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

new-feature had recent pushes less than a minute ago

Compare & pull request

master 2 branches 0 tags

Go to file

Add file ▾

Code ▾

Switch branches/tags

Find or create a branch...

Branches Tags

✓ master default

new-feature

View all branches

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

Add a README

About

No description, website, or topics provided.

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package



github.com/supersimpledev-test2/git-tutorial3

Apps Docs

supersimpledev-test2 / git-tutorial3

Unwatch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

new-feature had recent pushes less than a minute ago

Compare & pull request

master 2 branches 0 tags

Go to file

Add file ▾

Code ▾

Switch branches/tags

X

Find or create a branch...

Branches

Tags

✓ master

default

new-feature

View all branches

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

Add a README

About

No description, website, or topics provided.

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package



https://github.com/supersimpledev-test2/git-tutorial3/tree/new-feature



github.com/supersimpledev-test2/git-tutorial3/pulls

Apps Docs

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Label issues and pull requests for new contributors

Now, GitHub will help potential first-time contributors [discover issues](#) labeled with [good first issue](#)

new-feature had recent pushes 1 minute ago

[Compare & pull request](#)

Filters is:pr is:open

Labels 9

Milestones 0

New pull request

Welcome to pull requests!

Pull requests help you collaborate on code with other people. As pull requests are created, they'll appear here in a searchable and filterable list. To get started, you should [create a pull request](#).

<https://github.com/supersimpledev-test2/git-tutorial3/compare>



github.com/supersimpledev-test2/git-tutorial3/pull/1

Apps Docs

Open new feature #1
supersimpledev-test2 wants to merge 1 commit into `master` from `new-feature`

this is a new feature

-o new feature

supersimpledev-test2 reviewed 10 seconds ago

`new-feature`

... ... @@ -0,0 +1 @@
1 + new feature

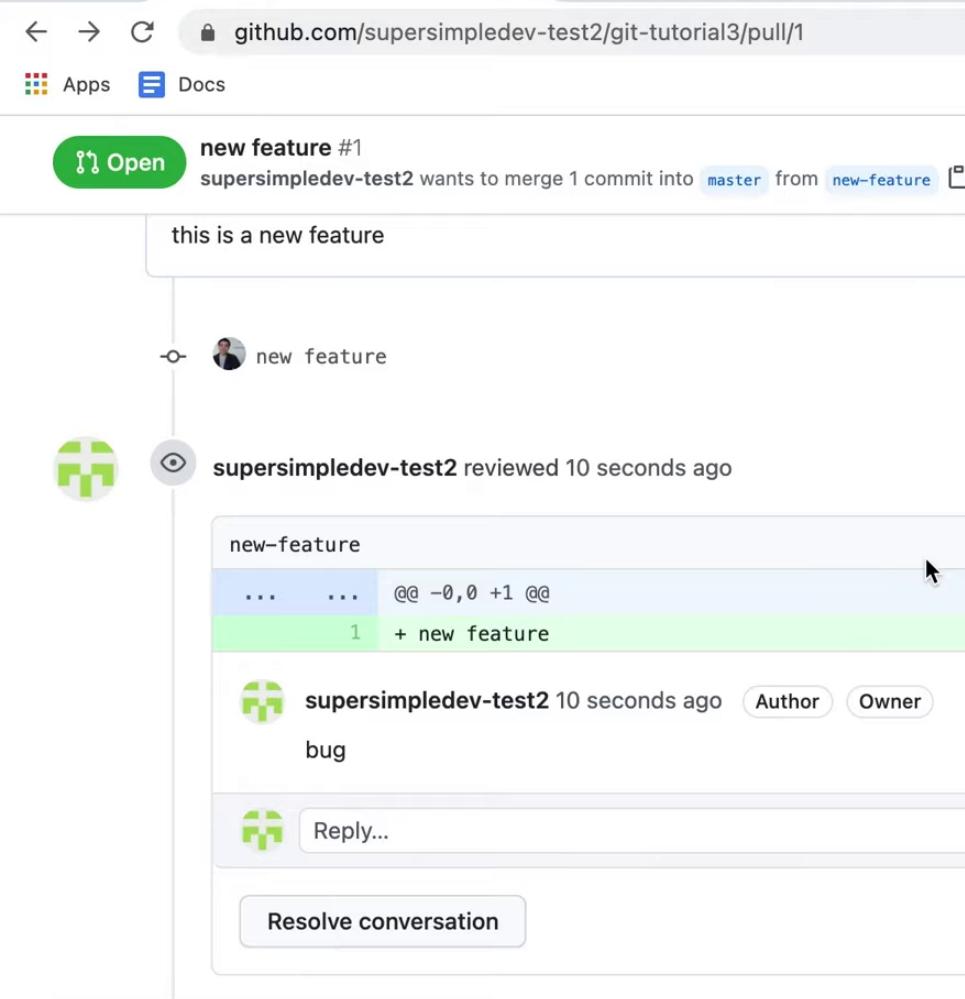
supersimpledev-test2 10 seconds ago Author Owner

bug

Reply...

Resolve conversation

Add more commits by pushing to the `new-feature` branch on `supersimpledev-test2/git-tutorial3`.



Feature Branch Workflow

1. Create feature branch
2. Upload to GitHub
3. Create Pull Request
4. Merge feature branch

Projects

None yet

Milestone

No milestone

Linked issues

Successfully merging this pull request will close these issues.

None yet

Notifications



← → C github.com/supersimpledev-test2/git-tutorial3/pull/1 ⭐ S :

Apps Docs

new feature #1
supersimpledev-test2 wants to merge 1 commit into `master` from `new-feature`

Reply...

Resolve conversation

Add more commits by pushing to the `new-feature` branch on [supersimpledev-test2/git-tutorial3](#).

Merge pull request #1 from supersimpledev-test2/new-feature

new feature

Merging...

Write Preview

Leave a comment

Linked issues Successfully merging this pull request may close these issues.
None yet

Notifications Customize
Unsubscribe
You're receiving notifications because you're watching this repository.

2 participants

Lock conversation

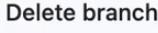
← → ⌂ github.com/supersimpledev-test2/git-tutorial3/pull/1 ⌂ S ⌂

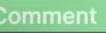
Apps Docs

Merged new feature #1
supersimpledev-test2 merged 1 commit into `master` from `new-feature` 1 minute ago

Reply...
Resolve conversation

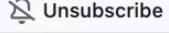
 supersimpledev-test2 merged commit `e7dece0` into `master` 1 minute ago 

 Pull request successfully merged and closed 
You're all set—the `new-feature` branch can be safely deleted.

 Write Preview 
Leave a comment
Attach files by dragging & dropping, selecting or pasting them. 



Dismissed issues
Successfully merging this pull request may close these issues.
None yet

Notifications Customize 
You're receiving notifications because you're watching this repository.

2 participants 




Apps Docs

Merged

new feature #1

supersimpledev-test2 merged 1 commit into master from new-feature [P] 2 minutes ago



Reply...

Resolve conversation



supersimpledev-test2 merged commit e



Pull request successfully merged and closed

You're all set—the new-feature branch can be sa



Write

Preview

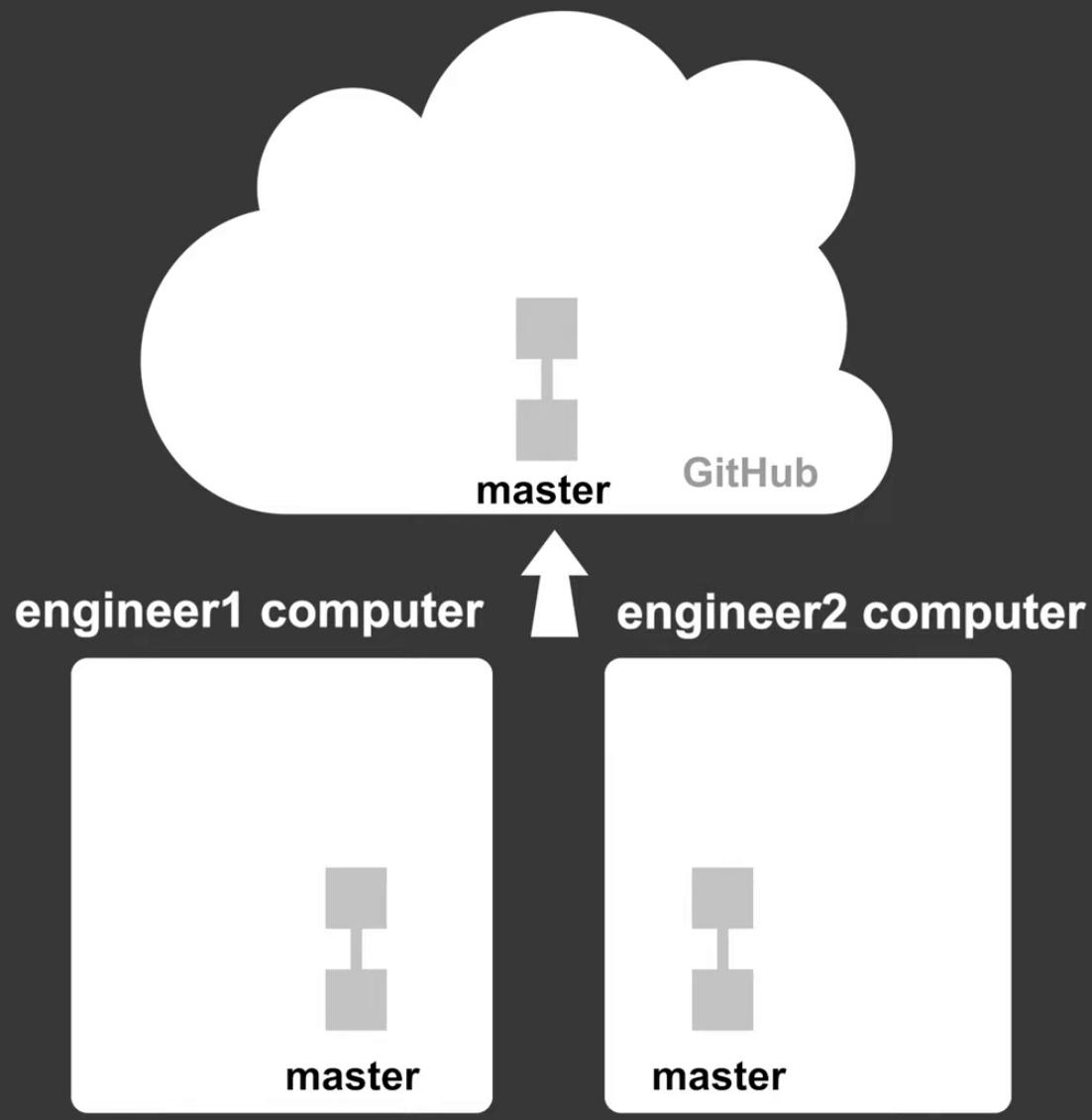
Leave a comment

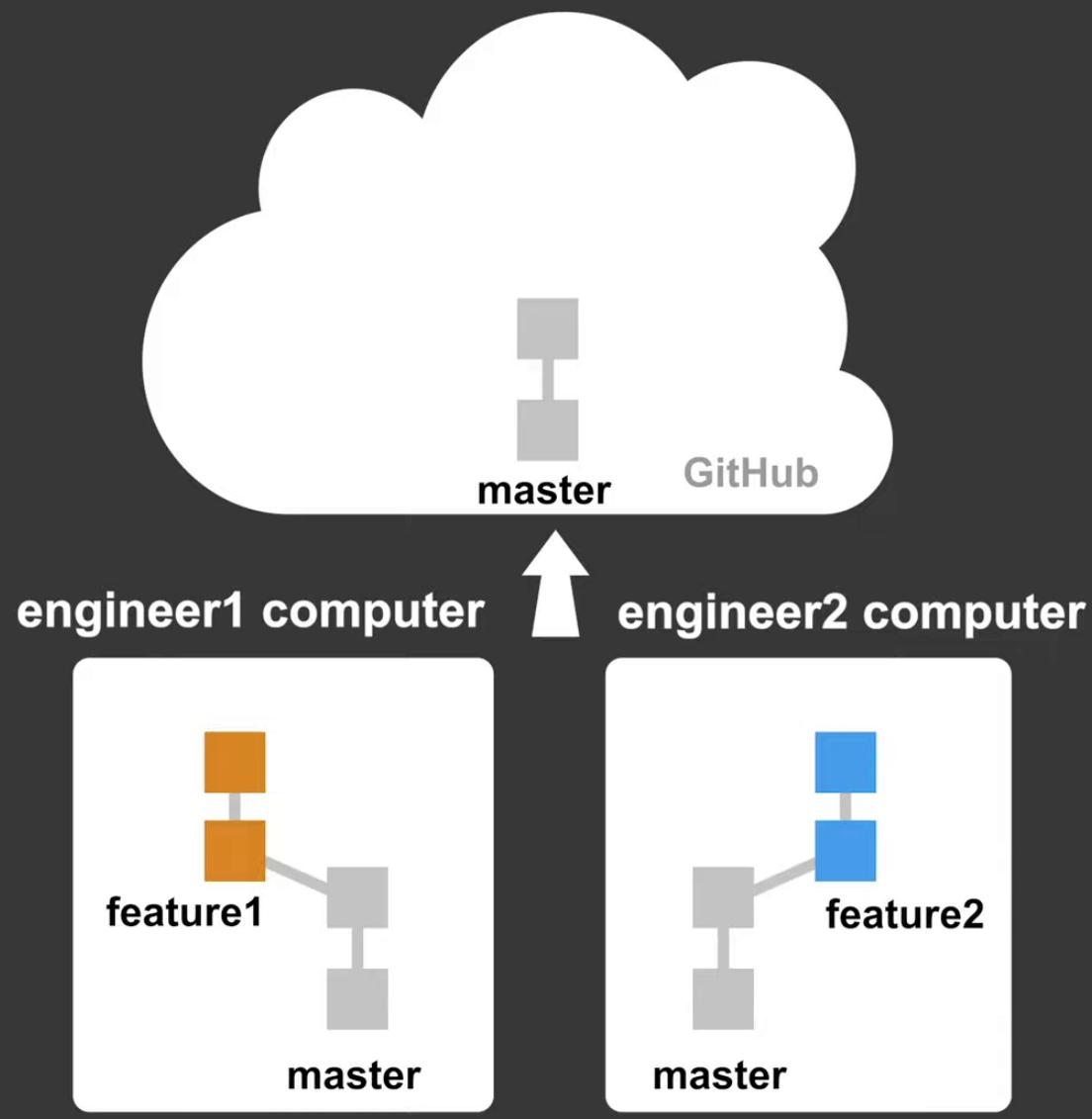
```
git-tutorial3 — less - git log --all --graph — 80x24
* commit e7dece06280c0d6976a29240d41478e898eb0815 (origin/master)
| \
| Merge: 735548f 8f5af36
| Author: supersimpledev-test2 <80213249+supersimpledev-test2@users.noreply.github.com>
| Date:   Sat Jun 5 11:55:39 2021 +0800
|
|     Merge pull request #1 from supersimpledev-test2/new-feature
|
|     new feature
|
* commit 8f5af36e4e79bd5da9483f64d0e3419cd861536f (HEAD -> new-feature, origin/new-feature)
| \
| / Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 11:28:35 2021 +0800
|
|     new feature
|
* commit 735548fae66bf9471e6cdcf898f0a45c7e924a39 (master)
| \
| / Author: Simon Bao <simon@supersimple.dev>
| Date:   Sat Jun 5 10:57:05 2021 +0800
|
|     Merge conflict resolved
:
```

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

Comment







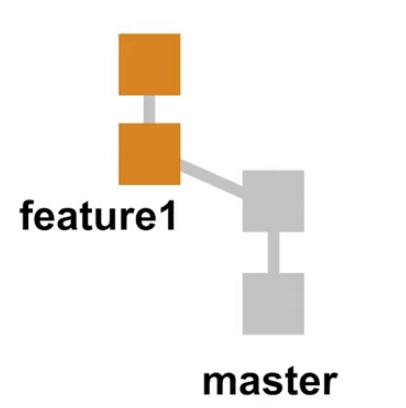
feature1 branch

```
hello.js
1 function a() {
2   return 5;
2   alert(5);
3 }
```

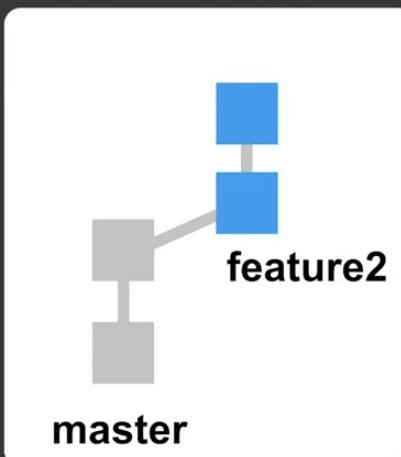
feature2 branch

```
hello.js
1 function a() {
2   return 5;
2   confirm(5);
3 }
```

engineer1 computer



engineer2 computer

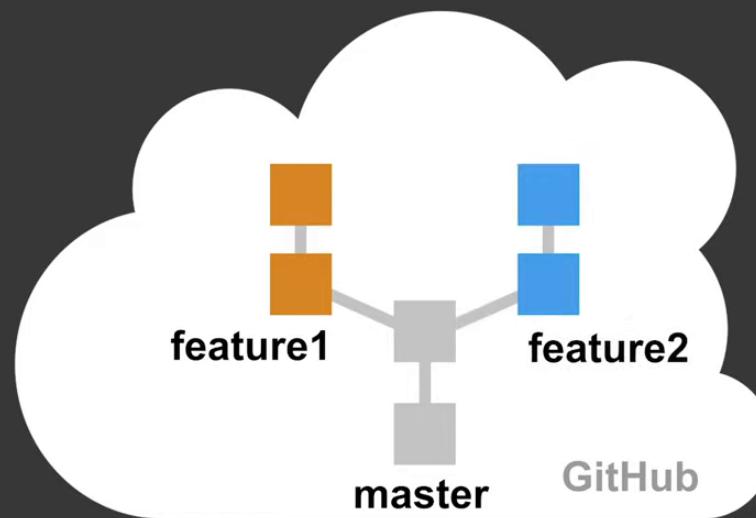


feature1 branch

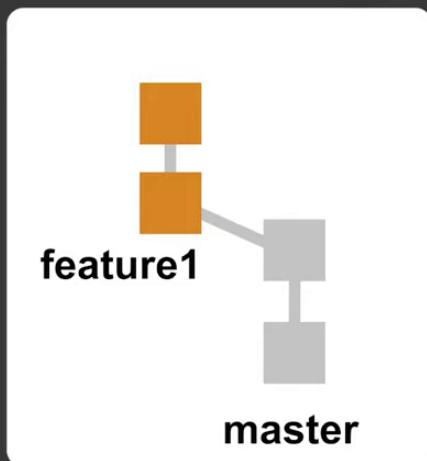
```
hello.js
1 function a() {
2   return 5;
2   alert(5);
3 }
```

feature2 branch

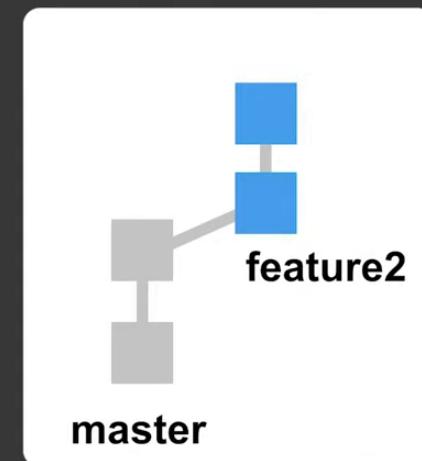
```
hello.js
1 function a() {
2   return 5;
2   confirm(5);
3 }
```



engineer1 computer



engineer2 computer

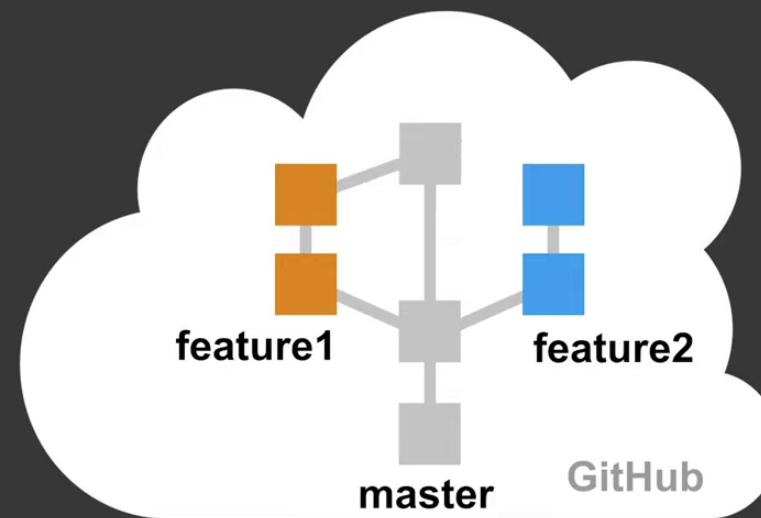


feature1 branch

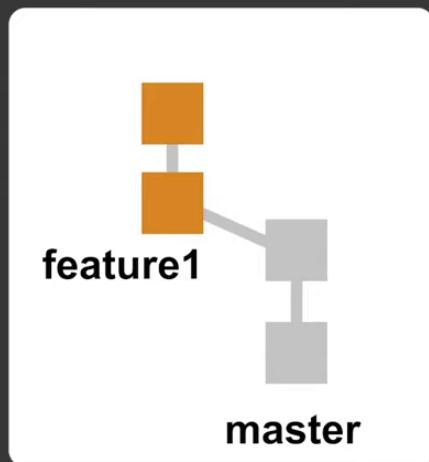
```
hello.js
1 function a() {
2   return 5;
2   alert(5);
3 }
```

feature2 branch

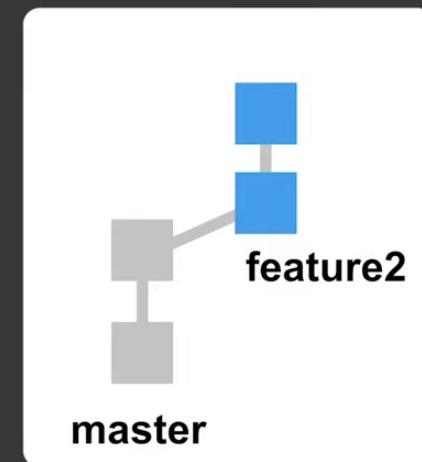
```
hello.js
1 function a() {
2   return 5;
2   confirm(5);
3 }
```



engineer1 computer



engineer2 computer

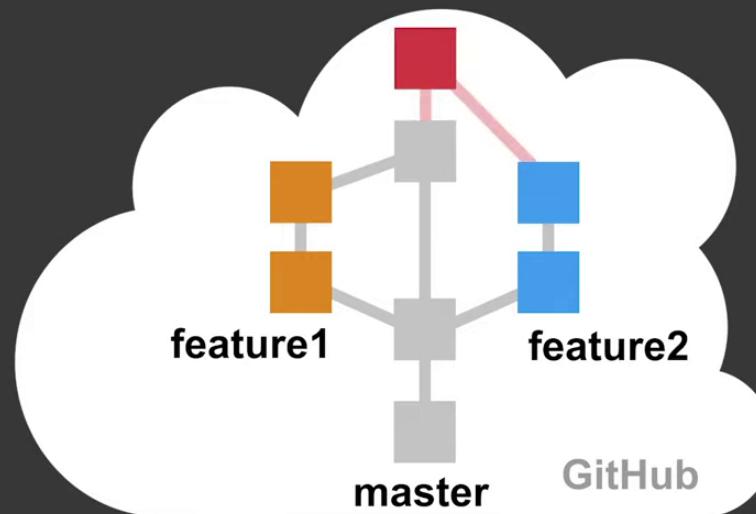


feature1 branch

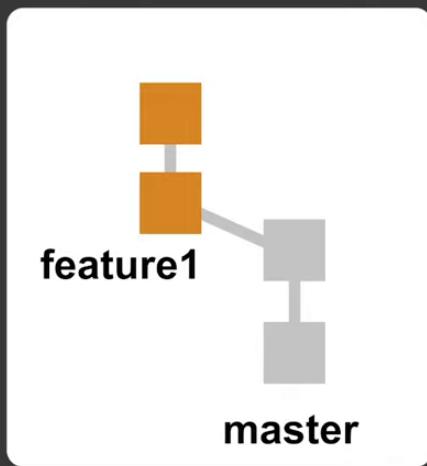
```
hello.js
1 function a() {
2   return 5;
2   alert(5);
3 }
```

feature2 branch

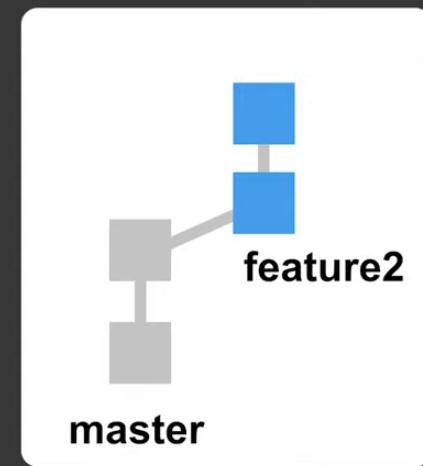
```
hello.js
1 function a() {
2   return 5;
2   confirm(5);
3 }
```



engineer1 computer



engineer2 computer

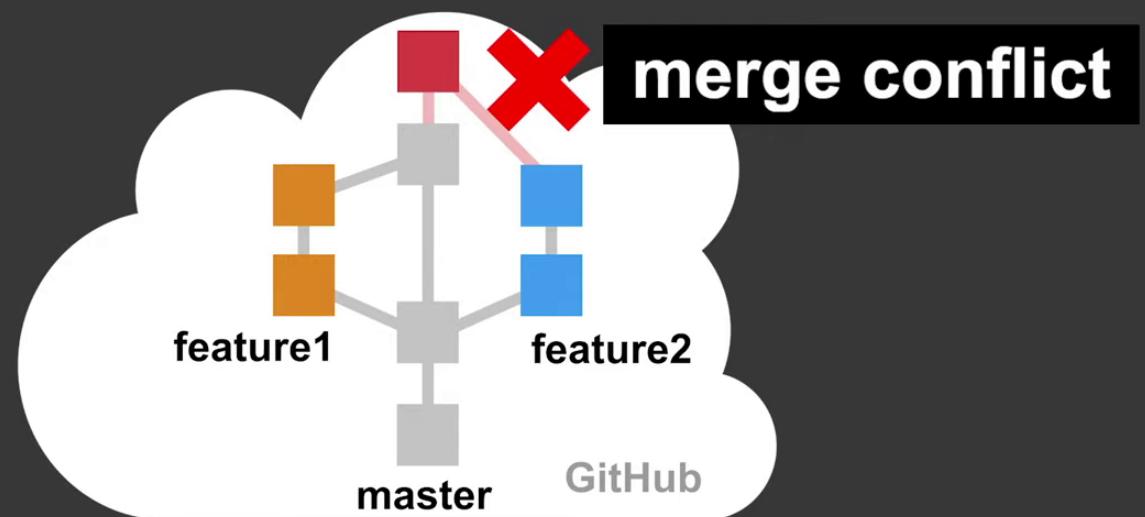


feature1 branch

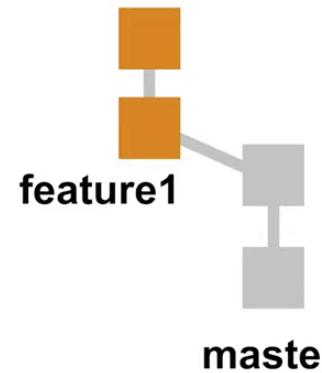
```
hello.js
1 function a() {
2   return 5;
2   alert(5);
3 }
```

feature2 branch

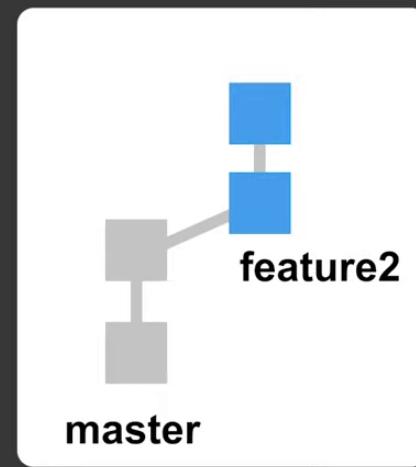
```
hello.js
1 function a() {
2   return 5;
2   confirm(5);
3 }
```



engineer1 computer



engineer2 computer



Apps Docs

Conversation 0

Commits 1

Checks 0

Files changed 1

+1 -1



supersimpledev-test2 commented 31 seconds ago

Owner



...

Reviewers



No reviews

Still in progress? Convert to draft

Assignees



No one—assign yourself

Labels



None yet

Projects



None yet

Milestone



No milestone

Linked issues

Successfully merging these issues.



-o feature2

e2bc7f1

Add more commits by pushing to the **feature2** branch on **supersimpledev-test2/git-tutorial3**.



This branch has conflicts that must be resolved

Use the [web editor](#) or the [command line](#) to resolve conflicts.

Resolve conflicts

Conflicting files

feature



Merge pull request



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



Write

Preview



github.com/supersimpledev-test2/git-tutorial3/pull/3/conflicts

Apps Docs

supersimpledev-test2 / git-tutorial3

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Code Issues Pull requests 1 Actions Projects Wiki Security Insights Settings

feature2 #3

Resolving conflicts between feature2 and master and committing changes → feature2

1 conflicting file	feature	1 conflict	Prev ^	Next v	⚙️	Mark as resolved
 feature feature	<pre>1 <<<<< feature2 2 feature2 3 ===== 4 feature1 5 >>>>> master 6</pre>					

(from earlier)

Terminal



← → C github.com/supersimpledev-test2/git-tutorial3/pull/3/conflicts ⚙ S :

Apps Docs

feature2 #3

Resolving conflicts between `feature2` and `master` and committing changes → `feature2`

1 conflicting file	feature	1 conflict	Prev ^	Next v	⚙️	Mark as resolved
 feature feature	1 feature2					



github.com/supersimpledev-test2/git-tutorial3/pull/3/

Apps Docs

feature2 #3
supersimpledev-test2 wants to merge 2 commits into master from feature2

No description provided.

No reviews
Still in progress? Convert to draft

SuperSimpleDev and others added 2 commits 6 minutes ago

-o feature2 e2bc7f1

-o Merge branch 'master' into feature2 b30134f Verified

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

Milestone
No milestone

Linked issues
Successfully merging this pull request will close these issues.

Merge pull request

You can also open this in GitHub Desktop or view command line instructions.

Write Preview

H B I

SOURCES



<https://youtube.com/watch?v=8JJ101D3knE>
<https://youtube.com/watch?v=Q1kHG842HoI>