

Técnicas de Programação

Etec - Comendador João Rays



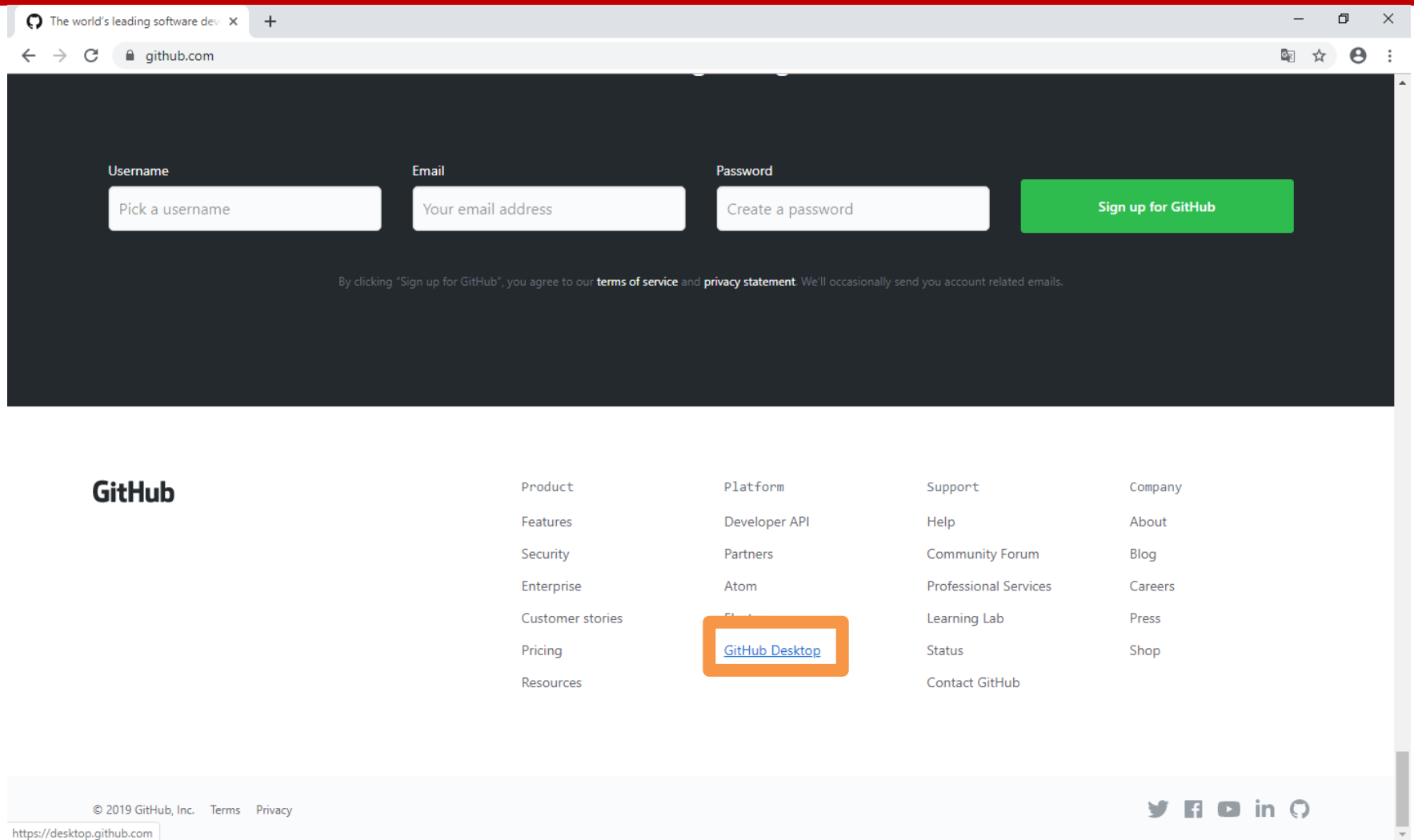


Github Desktop

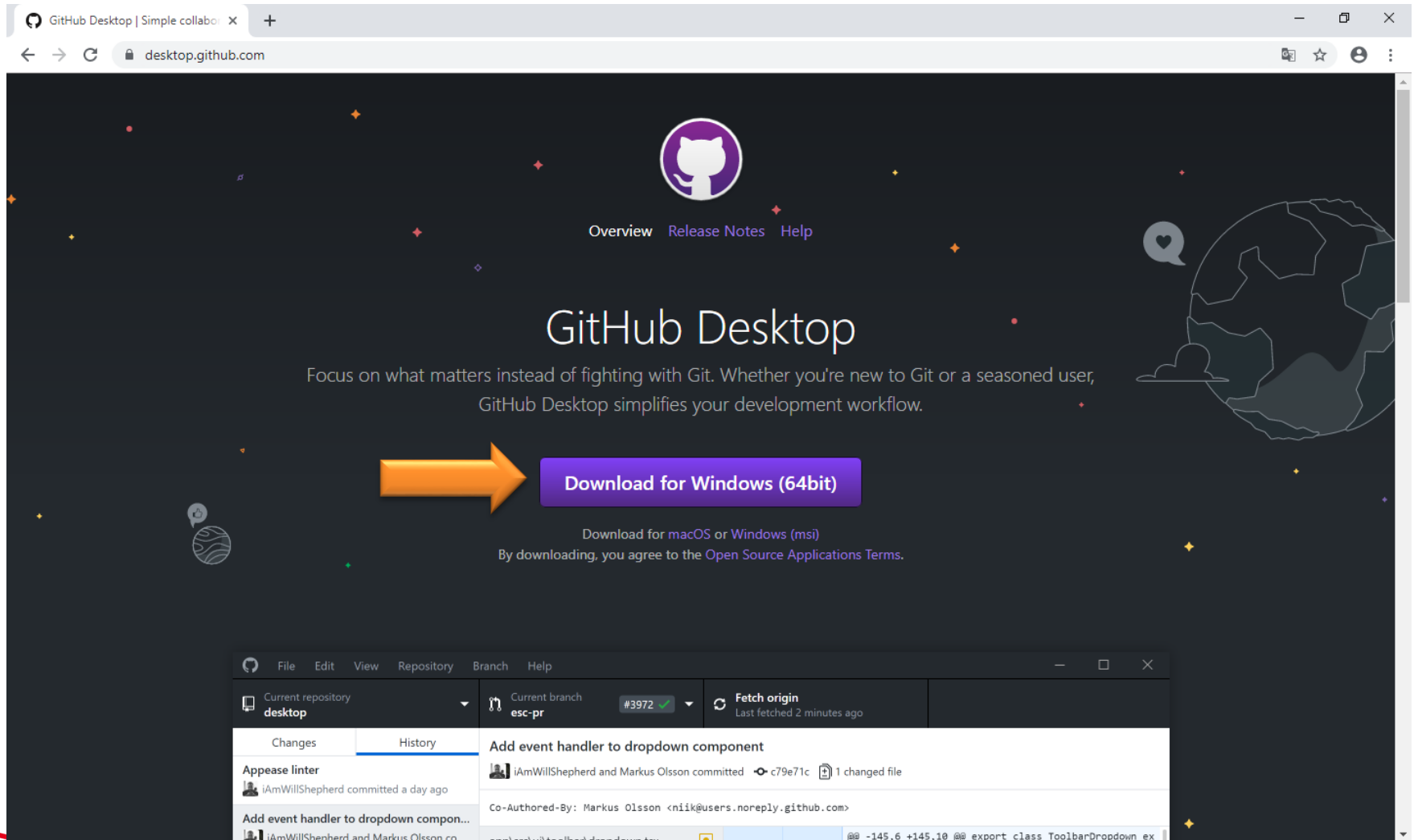


Instalação

Versionamento de Arquivos



Versionamento de Arquivos





Configuração

Versionamento de Arquivos

Welcome to GitHub Desktop

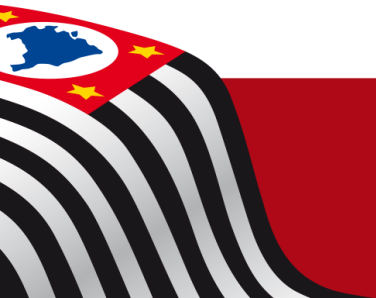
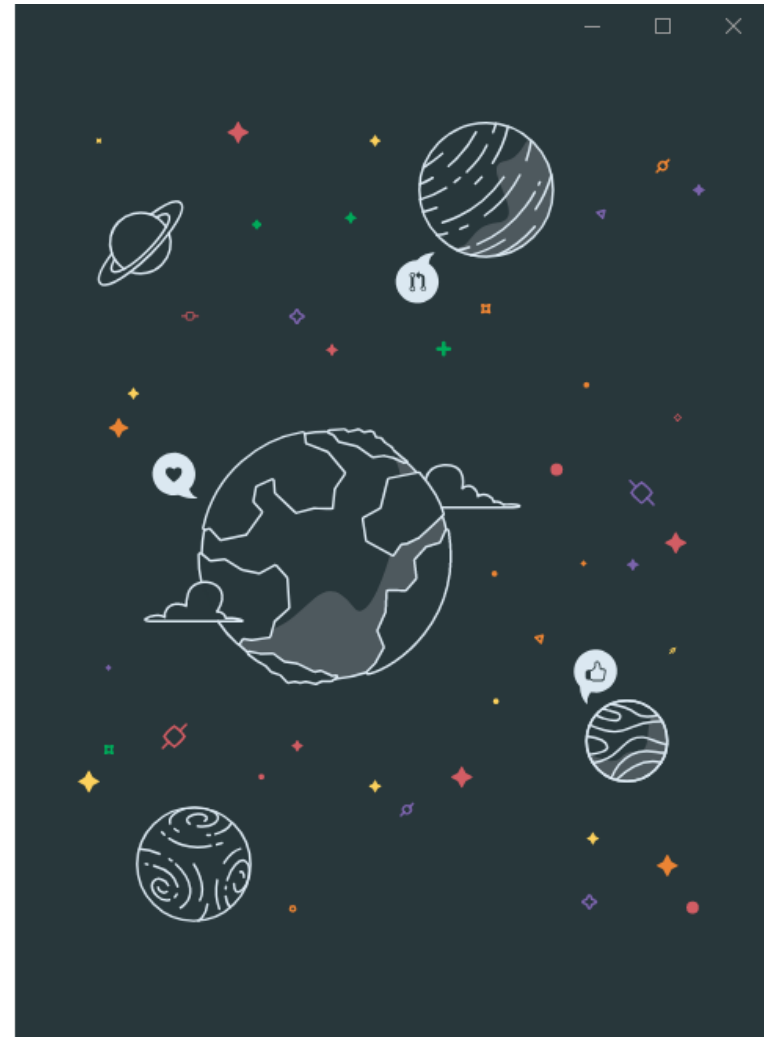
GitHub Desktop is a seamless way to contribute to projects on GitHub and GitHub Enterprise Server. Sign in below to get started with your existing projects.

New to GitHub? [Create your free account.](#)

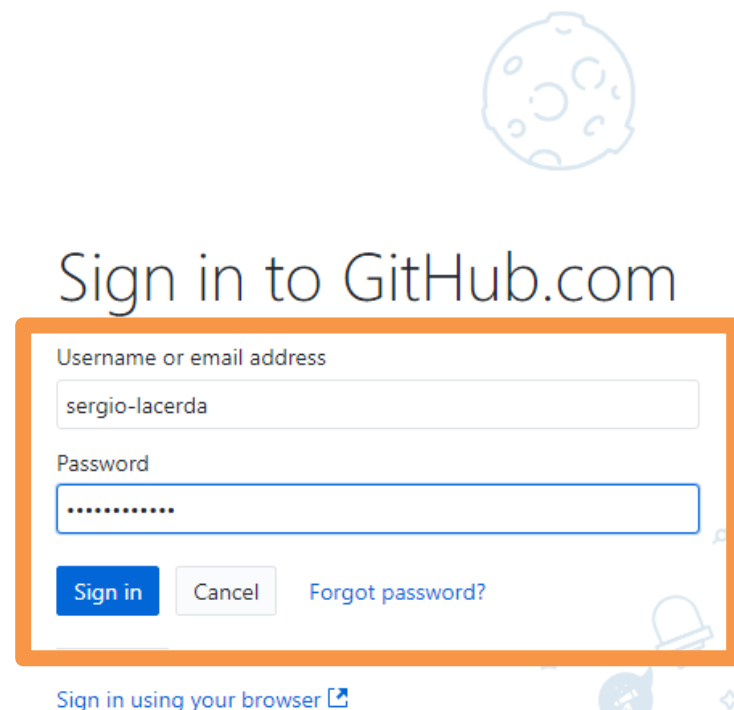
[Sign in to GitHub.com](#)

[Sign in to GitHub Enterprise Server](#)

[Skip this step](#)



Versionamento de Arquivos



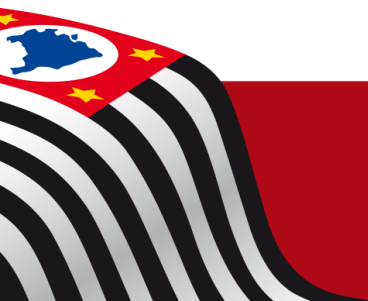
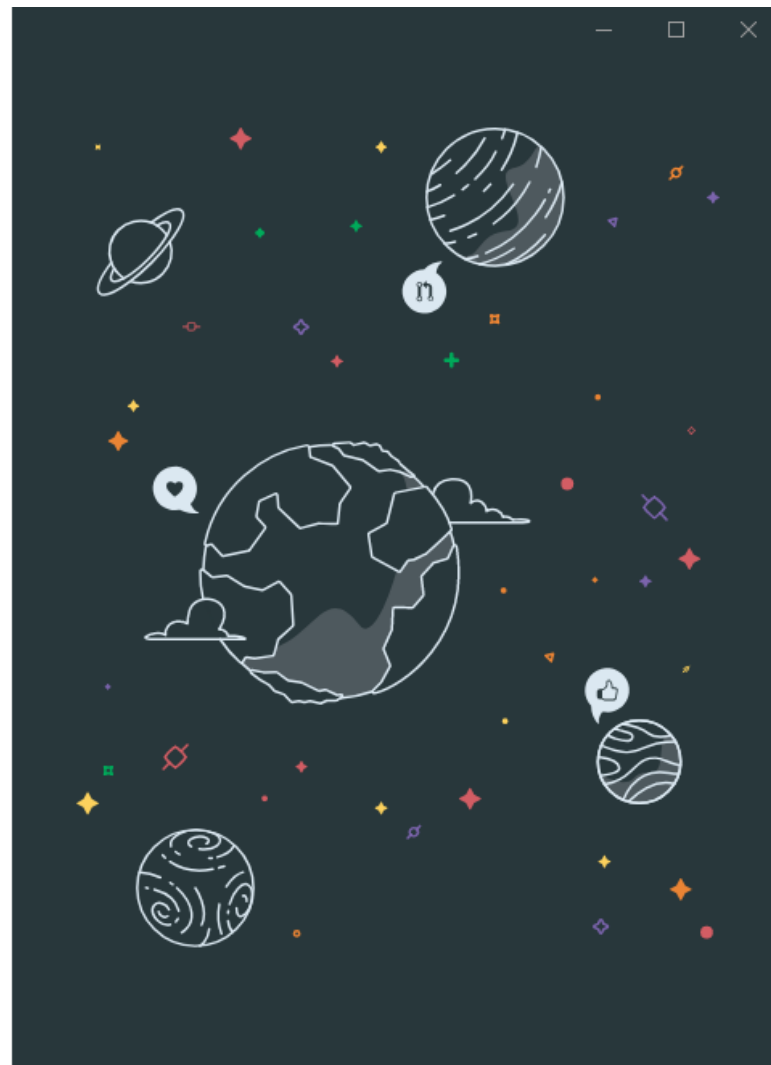
Sign in to GitHub.com

Username or email address

Password

[Sign in](#) [Cancel](#) [Forgot password?](#)

[Sign in using your browser](#)



Versionamento de Arquivos

Configure Git

This is used to identify the commits you create. Anyone will be able to see this information if you publish commits.

Name

Sérgio Lacerda

Email

seuemail@seudominio.com.br

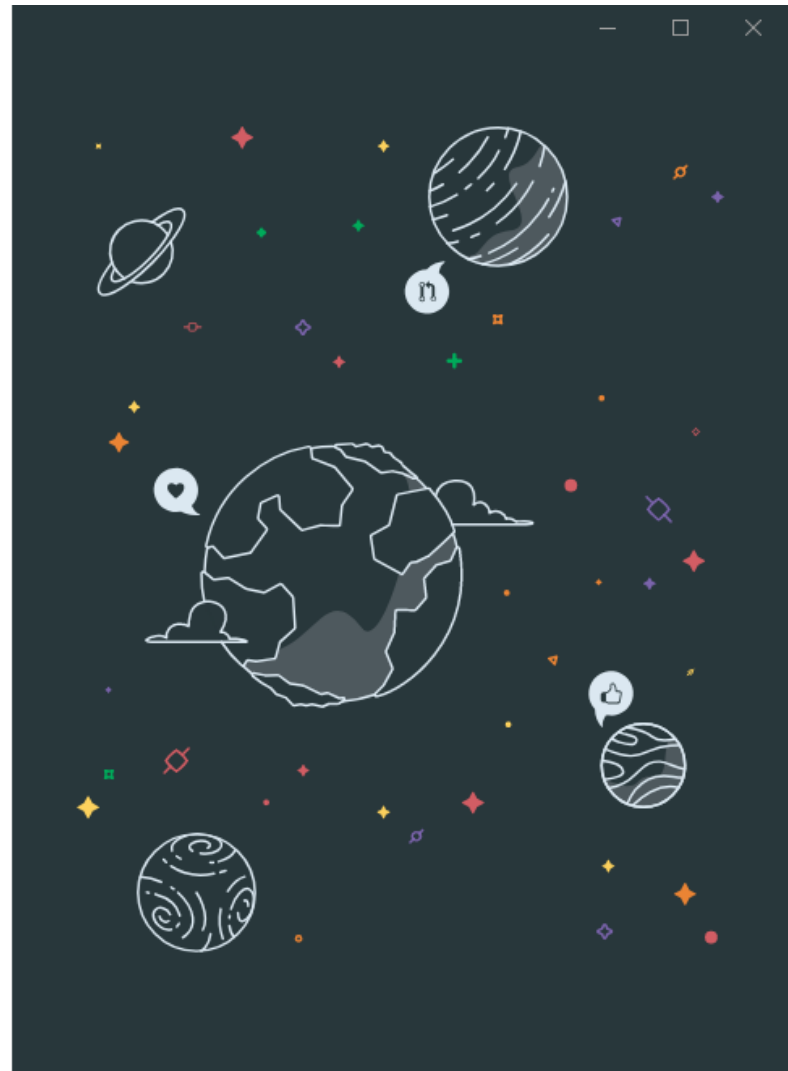
Continue

Cancel

Example commit

Fix all the things

 Sérgio Lacerda committed 32 minutes ago



Versionamento de Arquivos

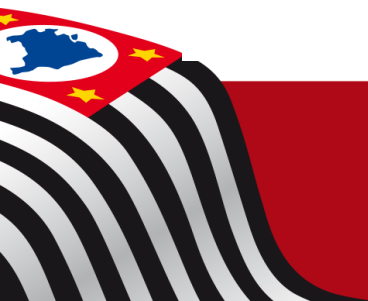
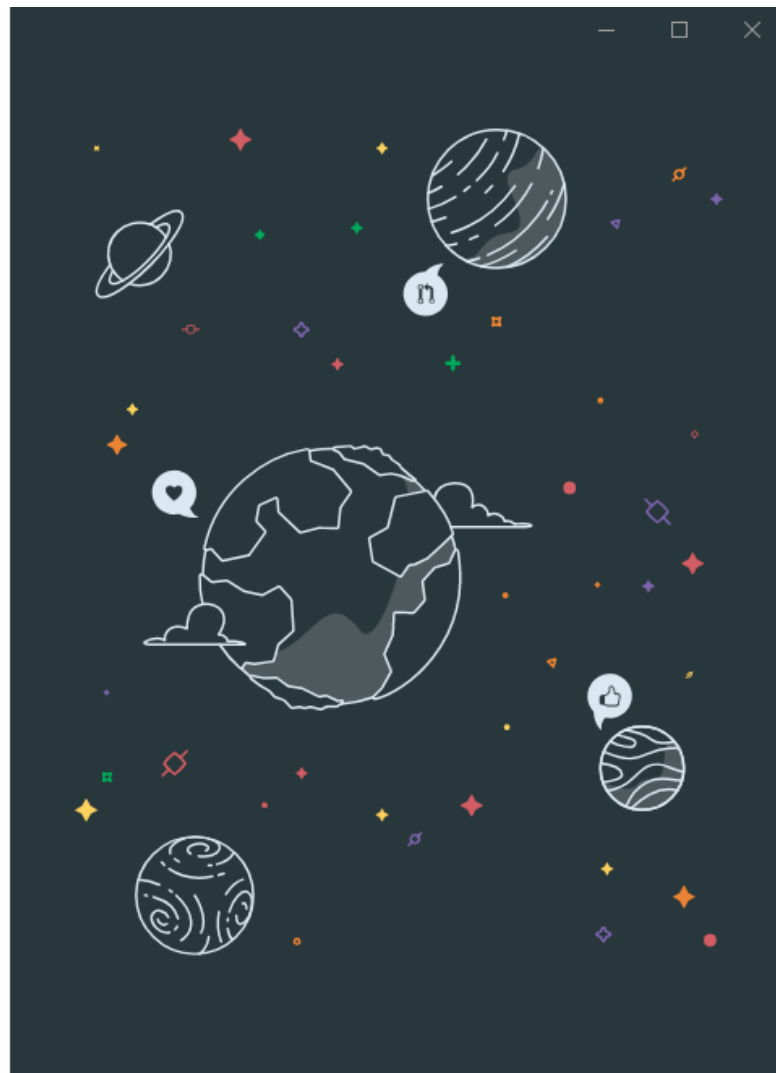
Make GitHub Desktop better!

Would you like to help us improve GitHub Desktop by periodically submitting [usage stats](#)?

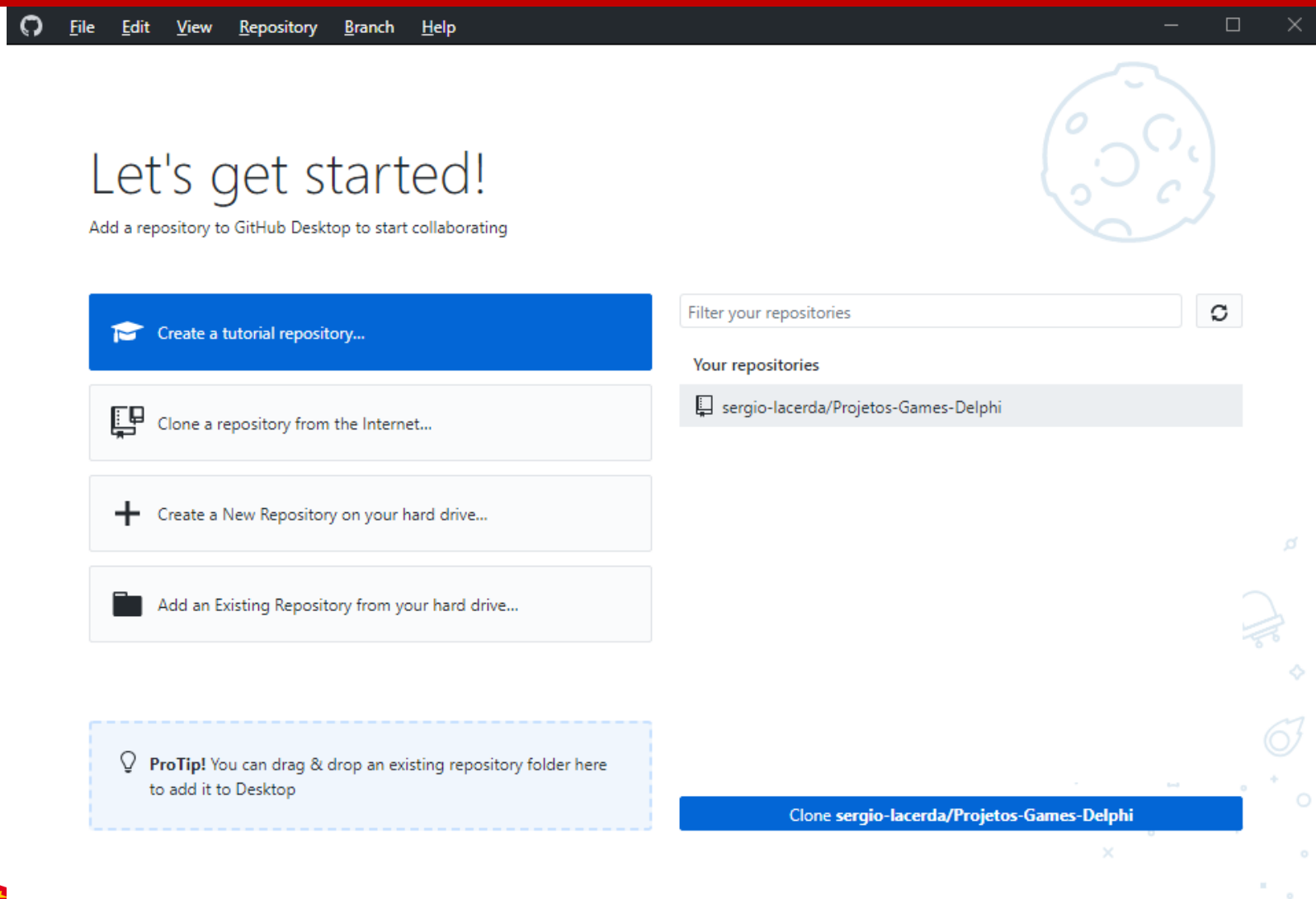
☐ Yes, submit periodic usage stats

Finish

Cancel



Versionamento de Arquivos

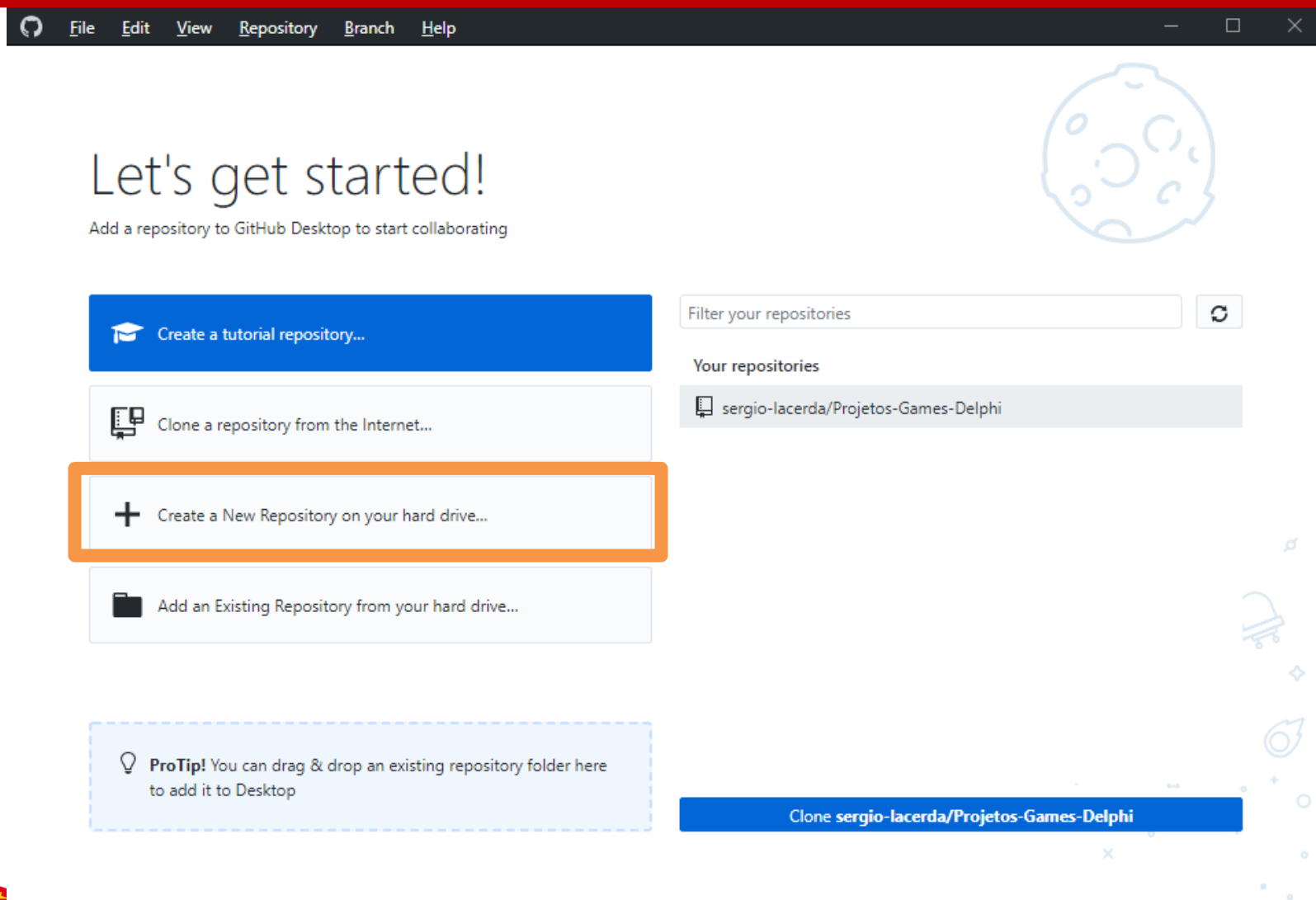




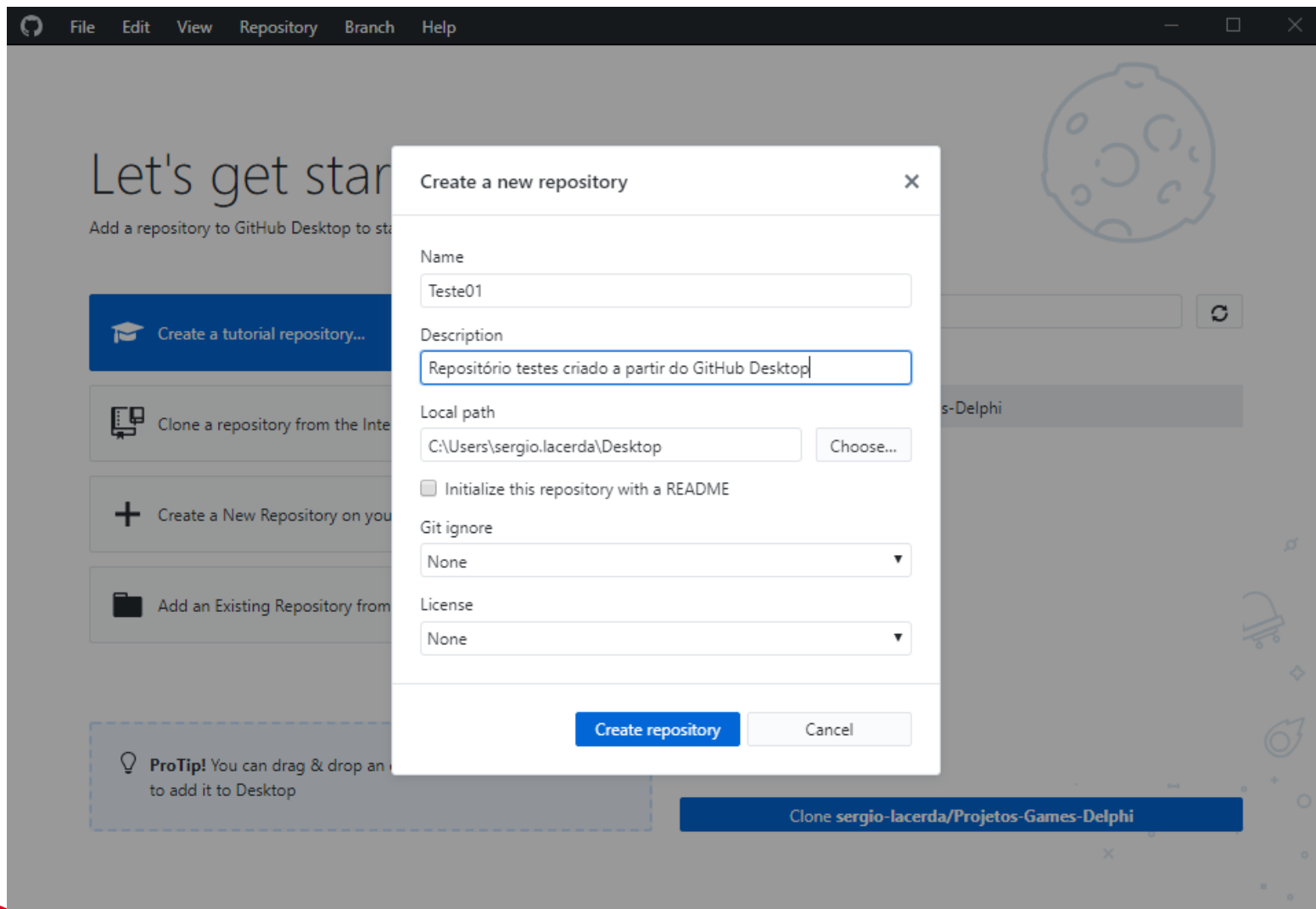
Criando novo repositório



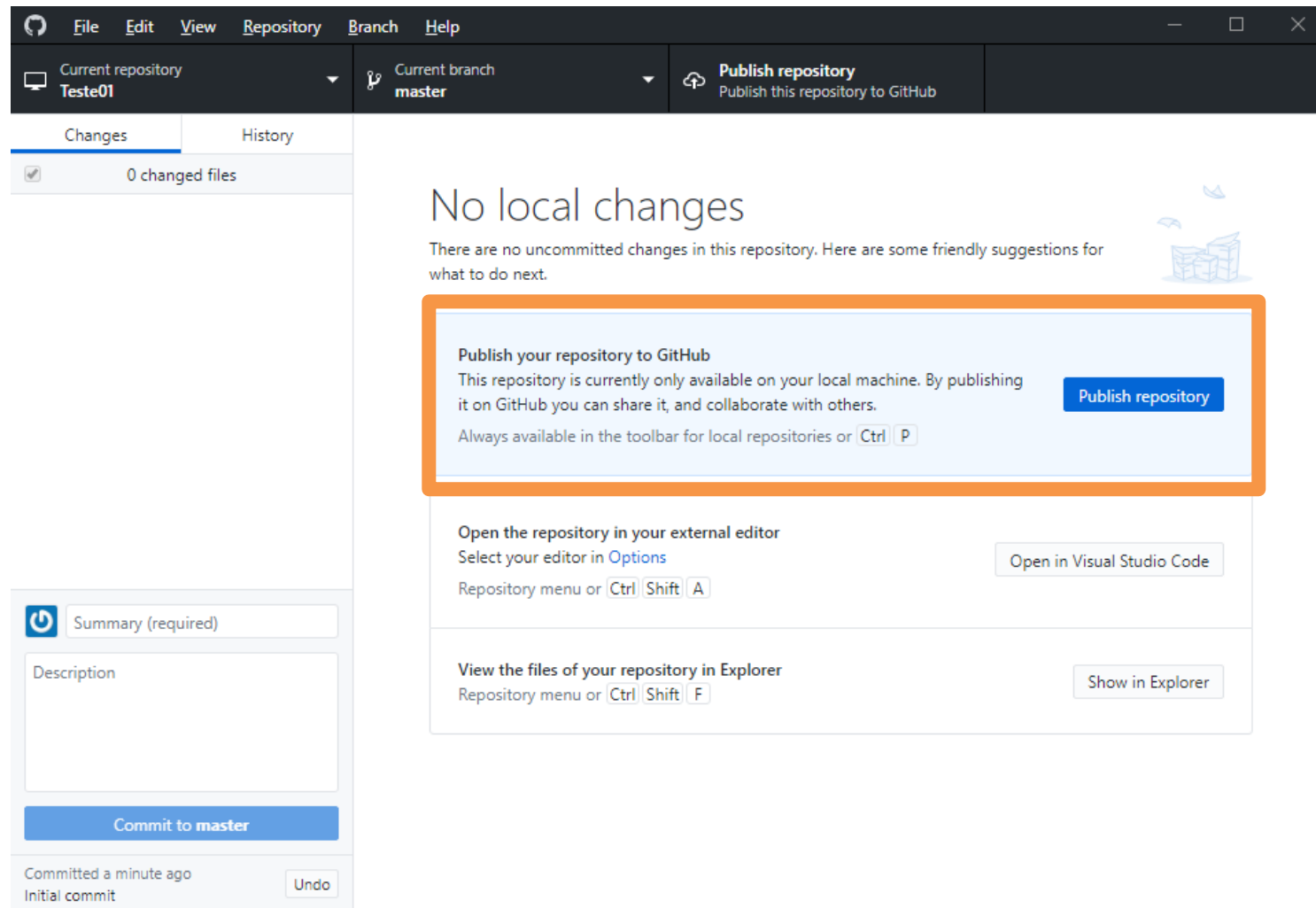
Versionamento de Arquivos



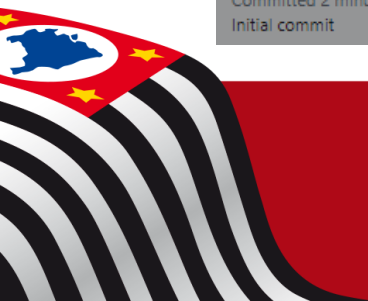
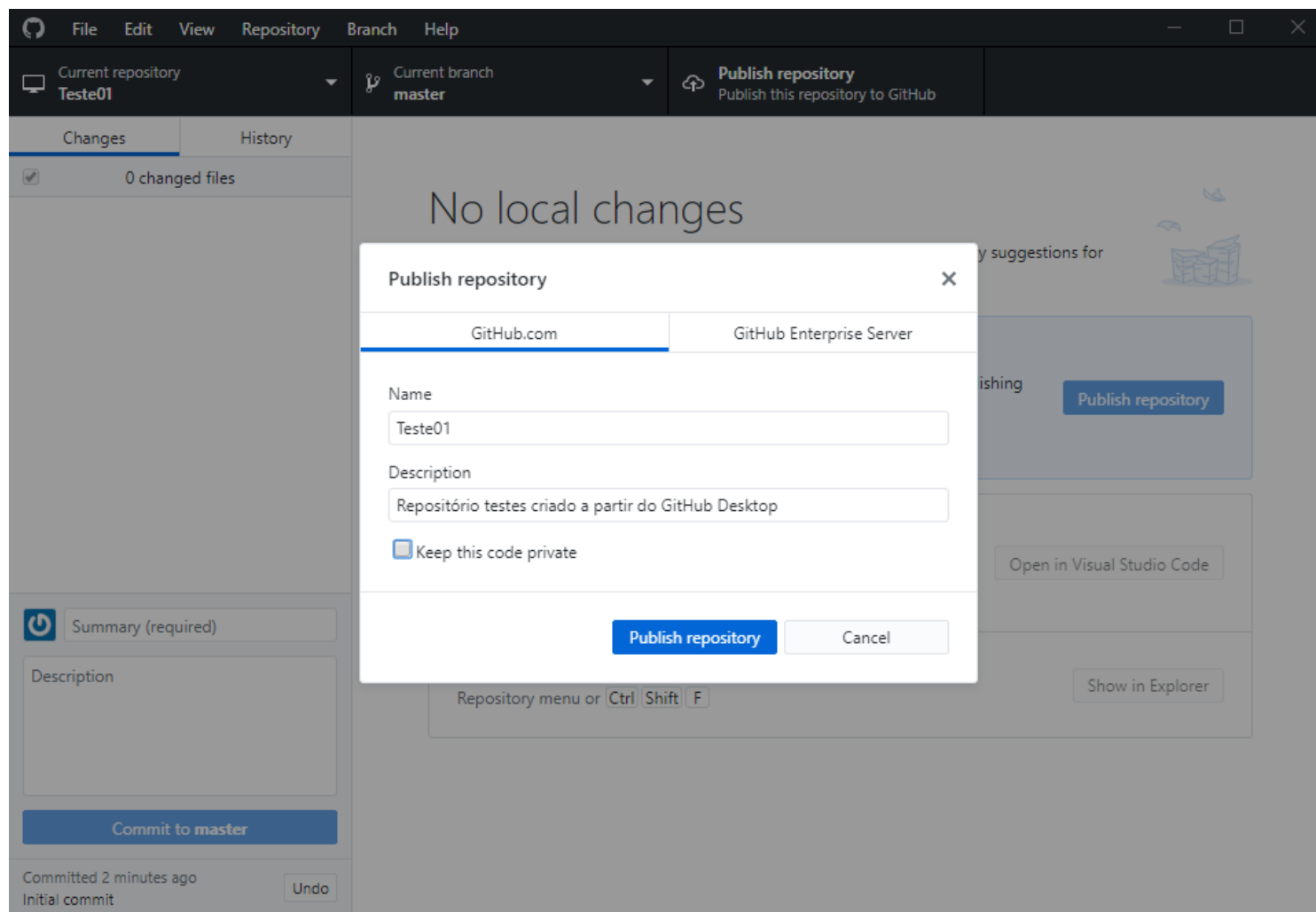
Versionamento de Arquivos



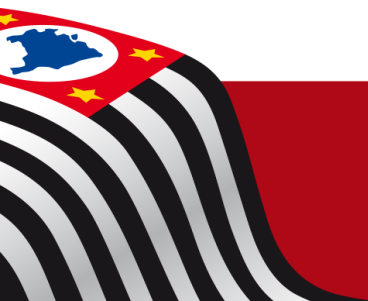
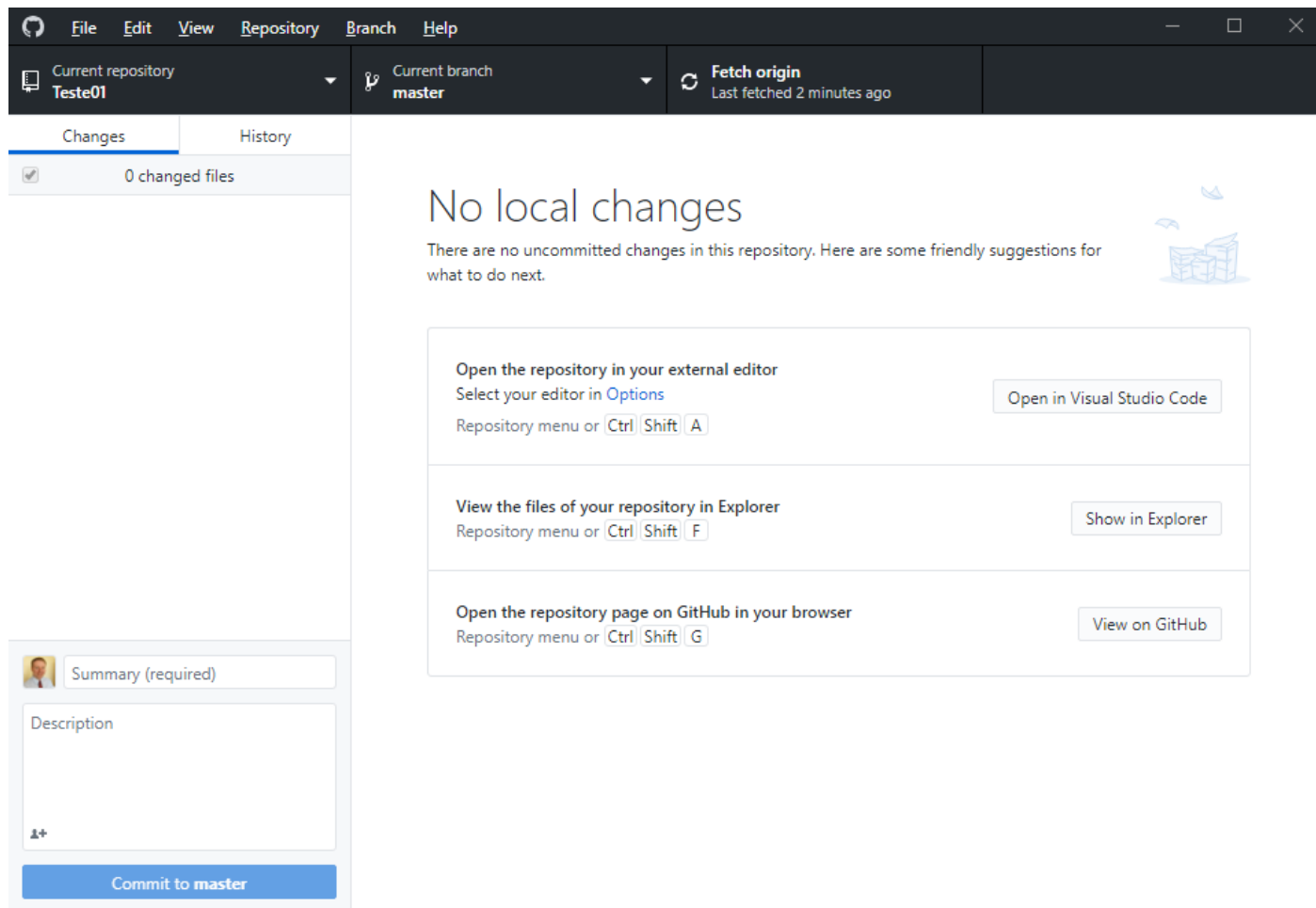
Versionamento de Arquivos



Versionamento de Arquivos



Versionamento de Arquivos



Versionamento de Arquivos

The screenshot shows the GitHub homepage in a web browser. The browser's address bar displays 'github.com'. The GitHub navigation bar at the top includes a search bar, links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore', and a user profile icon. On the left sidebar, the 'Repositories' section is visible, featuring a search input and a list of repositories. The repository 'sergio-lacerda/Teste01' is highlighted with an orange border. The main content area features a large light blue box with the heading 'Learn Git and GitHub without any code!' and a subheading 'Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.' Below this text are two buttons: 'Read the guide' (green) and 'Start a project' (light gray). To the right of the main content, there are two notification boxes: 'Securing software together' and 'Welcome to the new dashboard. Get closer to the stuff you care about most.' Below these is a section titled 'Explore repositories' which lists several repositories: 'ngrx/platform' (TypeScript, 5.3k stars), 'joel-costigliola/assertj-core' (Java, 1.6k stars), and 'neovim/neovim' (Vim script, 33.7k stars). At the bottom of the page, a taskbar shows a file named 'GitHubDesktopSet....exe'.

Repositories

Find a repository...

sergio-lacerda/Projetos-Games-Delphi

sergio-lacerda/Teste01

Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

Read the guide

Start a project

Securing software together

Introducing new ways to identify and prevent security vulnerabilities across your code base.

Welcome to the new dashboard. Get closer to the stuff you care about most.

Explore repositories

ngrx/platform

Reactive libraries for Angular

TypeScript ★ 5.3k

joel-costigliola/assertj-core

AssertJ is a library providing easy to use rich typed assertions

Java ★ 1.6k

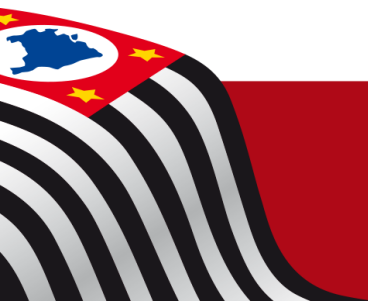
neovim/neovim

Vim-fork focused on extensibility and usability

Vim script ★ 33.7k

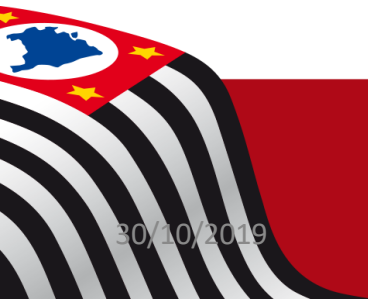
Explore more →

Exibir todos

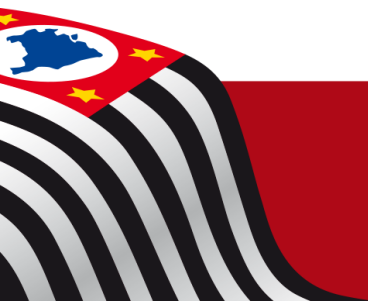
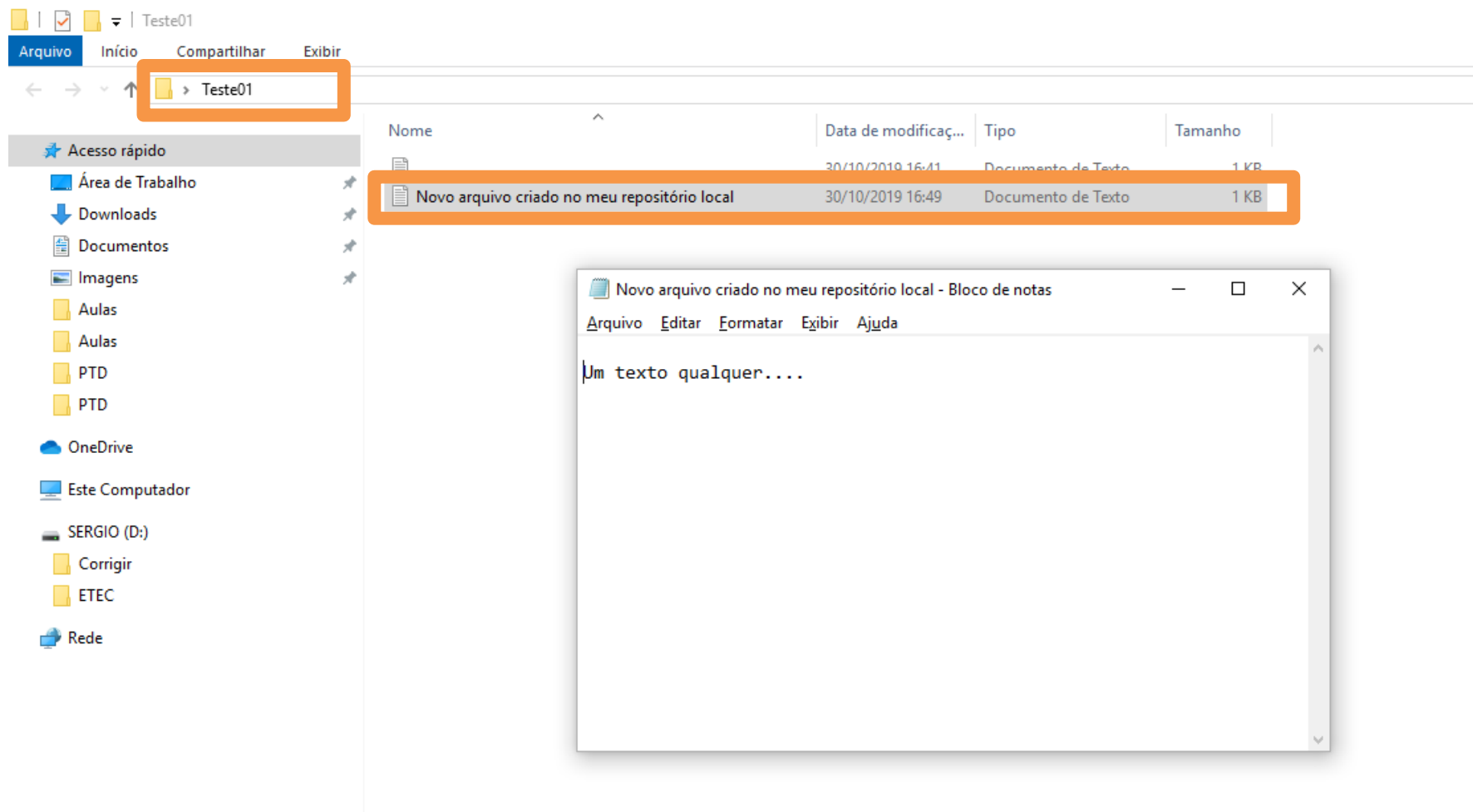




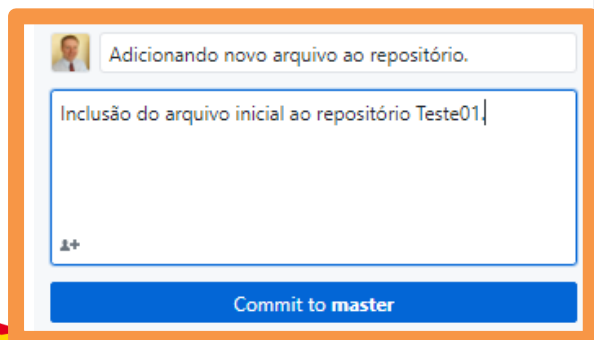
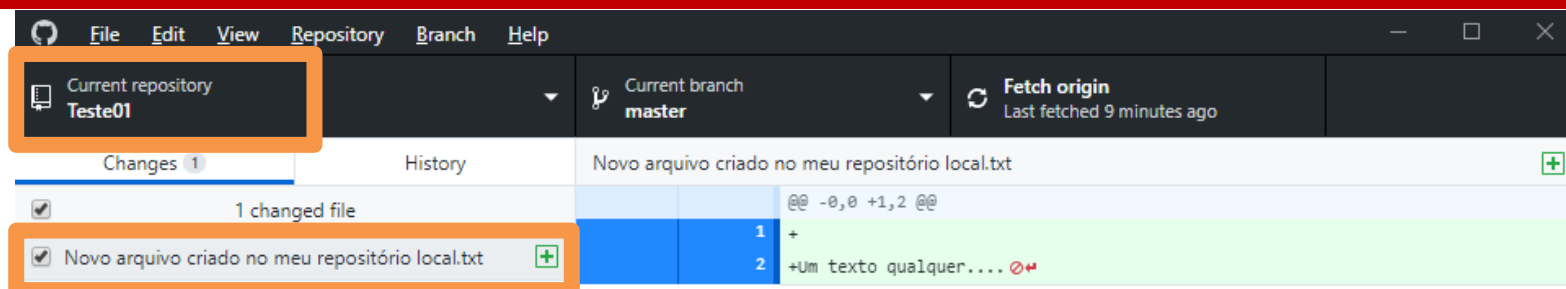
Commit de arquivos locais



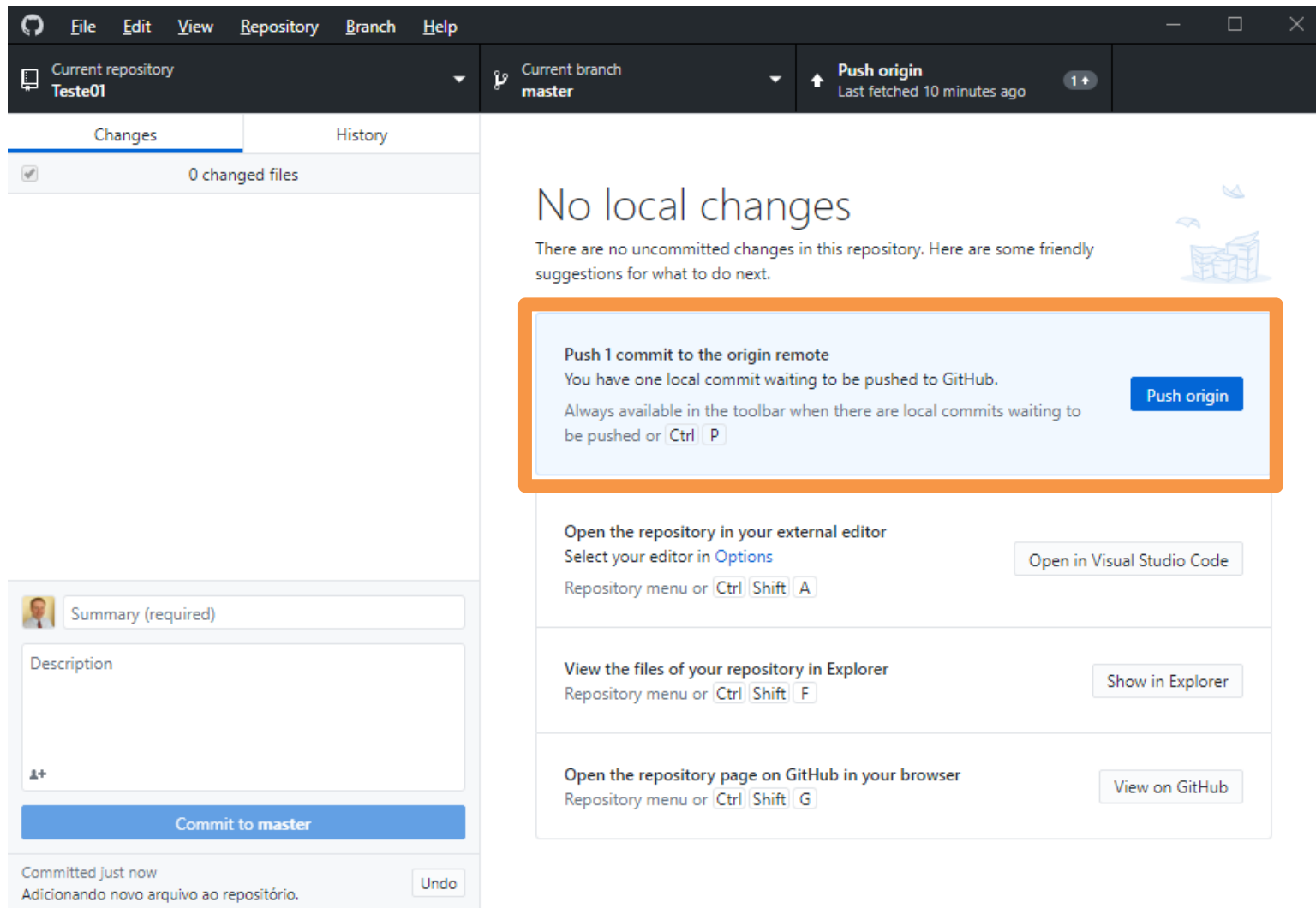
Versionamento de Arquivos



Versionamento de Arquivos



Versionamento de Arquivos



File Edit View Repository Branch Help

Current repository: **Teste01**

Current branch: **master**

Push origin
Last fetched 10 minutes ago

Changes History

0 changed files

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Push 1 commit to the origin remote
You have one local commit waiting to be pushed to GitHub.
Always available in the toolbar when there are local commits waiting to be pushed or **Ctrl P**

Push origin

Open the repository in your external editor
Select your editor in [Options](#)
Repository menu or **Ctrl Shift A**

Open in Visual Studio Code

View the files of your repository in Explorer
Repository menu or **Ctrl Shift F**

Show in Explorer

Open the repository page on GitHub in your browser
Repository menu or **Ctrl Shift G**

View on GitHub

Summary (required)

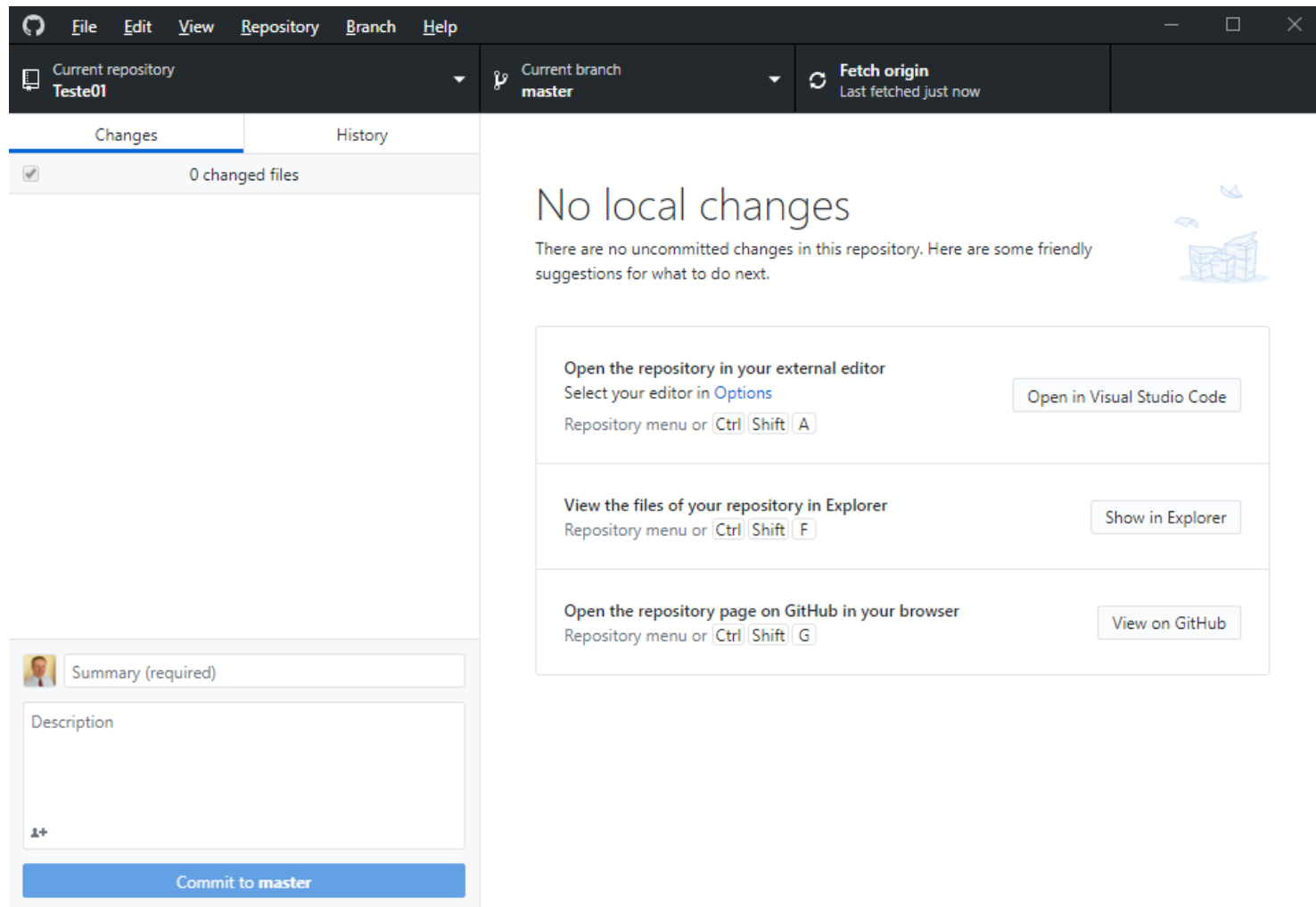
Description

Commit to master

Committed just now
Adicionando novo arquivo ao repositório.

Undo

Versionamento de Arquivos



Versionamento de Arquivos

The screenshot shows a web browser displaying the GitHub repository page for 'sergio-lacerda/Teste01'. The repository is described as 'Repositório testes criado a partir do GitHub Desktop'. It has 2 commits, 1 branch, 0 releases, and 1 contributor. The commit history shows two entries: 'gitattributes' (Initial commit, 15 minutes ago) and 'Novo arquivo criado no meu repositório local.txt' (Adicionando novo arquivo ao repositório, 2 minutes ago). The file 'Novo arquivo criado no meu repositório local.txt' is highlighted with an orange box. The URL in the address bar is 'https://github.com/sergio-lacerda/Teste01/blob/master/Novo arquivo criado no meu repositório local.txt'. The browser's taskbar at the bottom shows 'GitHubDesktopSet....exe'.

sergio-lacerda/Teste01: Repositório

github.com/sergio-lacerda/Teste01

Using the Hello world guide, you'll start a branch, write comments, and open a pull request.

Read the guide

sergio-lacerda / Teste01

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

Repositório testes criado a partir do GitHub Desktop

Manage topics

2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request

Create new file Upload files Find file Clone or download

sergio-lacerda Adicionando novo arquivo ao repositório. Latest commit 5fc7fc0 2 minutes ago

gitattributes Initial commit 15 minutes ago

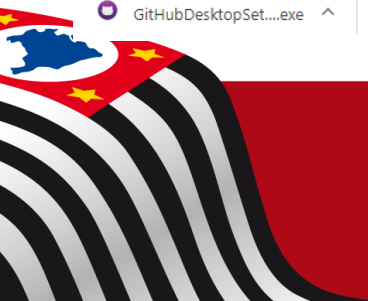
Novo arquivo criado no meu repositório local.txt Adicionando novo arquivo ao repositório. 2 minutes ago

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

https://github.com/sergio-lacerda/Teste01/blob/master/Novo arquivo criado no meu repositório local.txt

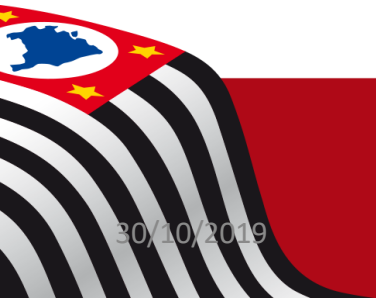
GitHubDesktopSet....exe

Exibir todos





Realizando pull de updates



Versionamento de Arquivos

Teste01/Novo arquivo criado no x +

github.com/sergio-lacerda/Teste01/blob/master/Novo%20arquivo%20criado%20no%20meu%20repositório%20local.txt

Learn Git and GitHub without any code!

Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

[Read the guide](#)

sergio-lacerda / Teste01

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

Branch: master Teste01 / Novo arquivo criado no meu repositório local.txt Find file Copy path

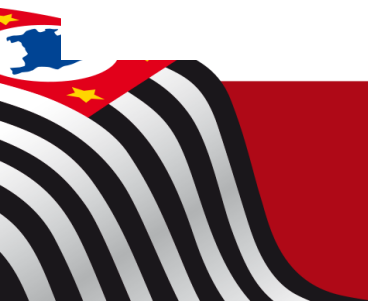
sergio-lacerda Novas atualizações. 6ccf929 now

1 contributor

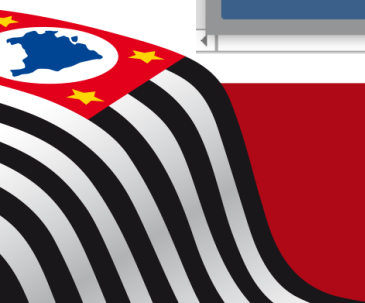
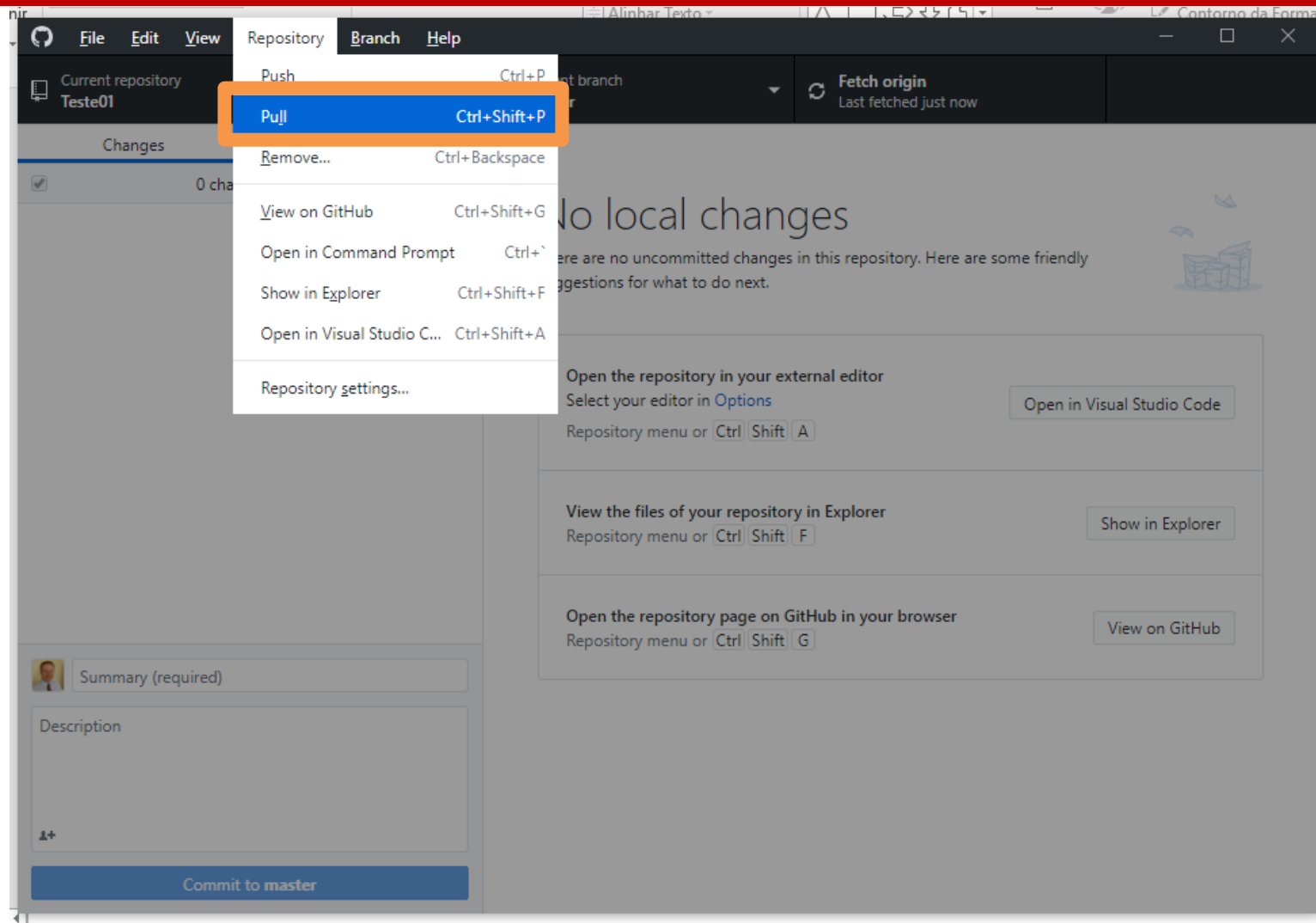
5 lines (2 sloc) | 82 Bytes Raw Blame History

```
1
2 Um texto qualquer...
3
4 Editando novos conteúdo diretamente no site do GitHub...
```

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Versionamento de Arquivos



Versionamento de Arquivos

Arquivo Início Compartilhar Exibir

Teste01

Acesso rápido

- Área de Trabalho
- Downloads
- Documentos
- Imagens
- Aulas
- PTD
- PTD
- Teste01

OneDrive

Este Computador

- SERGIO (D:)
- Corrigir
- ETEC
- Rede

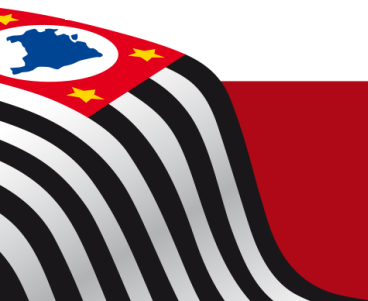
Nome	Data de modificaç...	Tipo	Tamanho
Novo arquivo criado no meu repositório local	30/10/2019 17:01	Documento de Texto	1 KB

Novo arquivo criado no meu repositório local - Bloco de notas

Arquivo Editar Formatar Exibir Ajuda

Um texto qualquer....

Editando novos conteúdo diretamente no site do GitHub...





Resolvendo conflitos

Versionamento de Arquivos

The screenshot shows a web browser displaying a GitHub repository page. The address bar shows the URL `github.com/sergio-lacerda/Teste01/blob/master/Conflito.txt`. The main heading reads "Learn Git and GitHub without any code!" with a subtext "Using the Hello World guide, you'll start a branch, write comments, and open a pull request." and a green button labeled "Read the guide". Below this, the repository name "sergio-lacerda / Teste01" is shown with statistics: 1 Unwatch, 0 Stars, and 0 Forks. A navigation bar includes links for Code, Issues (0), Pull requests (0), Projects (0), Wiki, Security, Insights, and Settings. The file "Teste01 / Conflito.txt" is selected, showing its commit history (02bc6da, now) and 1 contributor. The file content is displayed with line numbers 1 to 5. Line 3 contains the text "Texto para conflito na linha 3. *** Alteração feita no GitHub ****", which is highlighted by an orange rectangular box. The footer of the page includes copyright information for GitHub, Inc. (2019) and various links like Terms, Privacy, Security, Status, Help, Contact GitHub, Pricing, API, Training, Blog, and About.

Teste01/Conflito.txt at master · sergio-lacerda · View code

github.com/sergio-lacerda/Teste01/blob/master/Conflito.txt

Learn Git and GitHub without any code!

Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

[Read the guide](#)

sergio-lacerda / Teste01

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

Branch: master Teste01 / Conflito.txt Find file Copy path

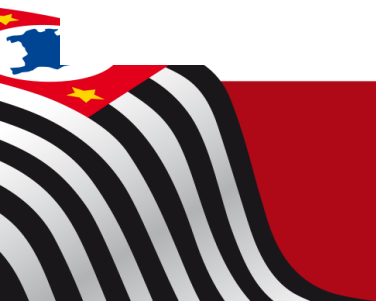
sergio-lacerda Alteração GitHub 02bc6da now

1 contributor

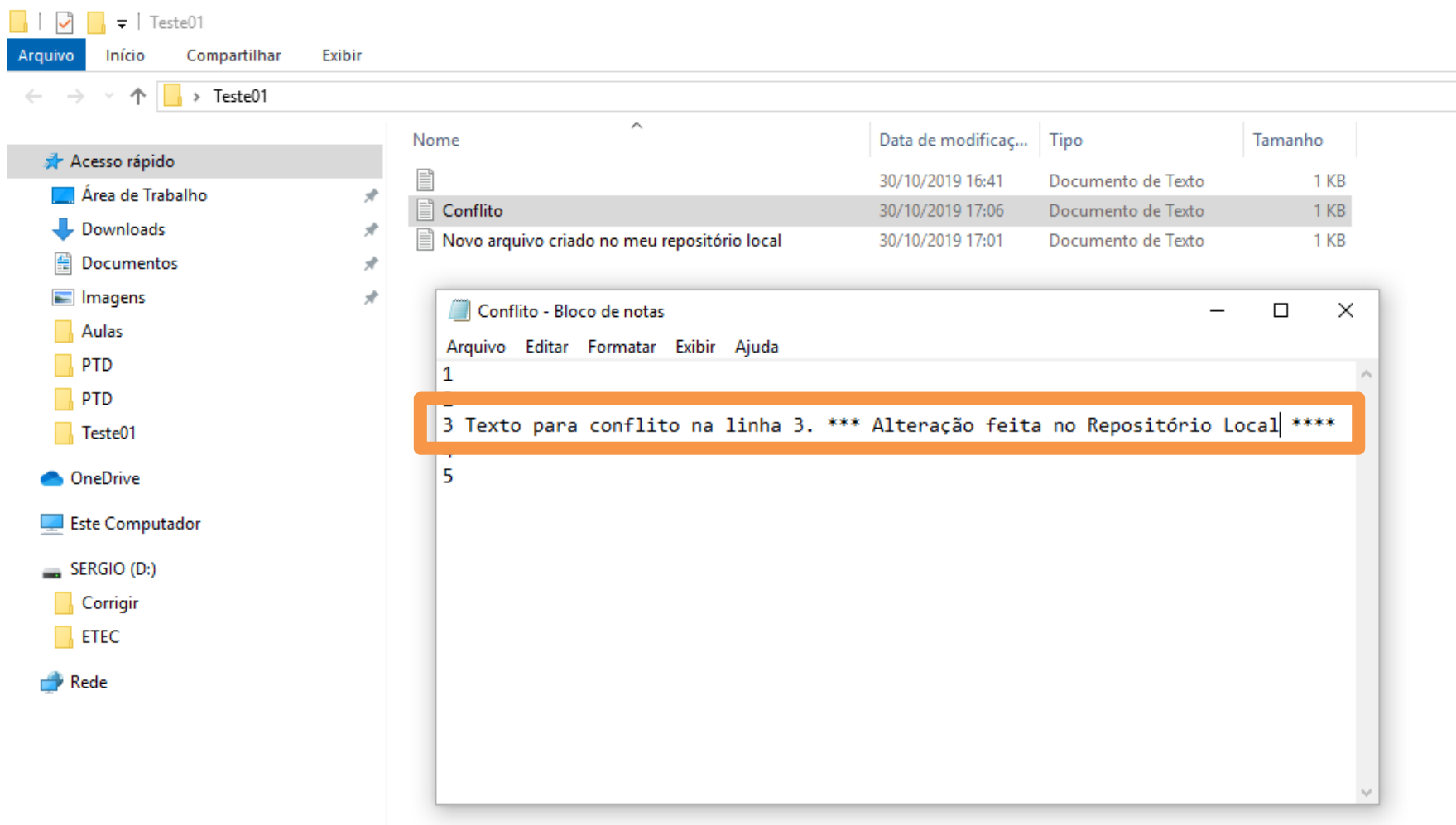
6 lines (5 sloc) 79 Bytes Raw Blame History

```
1 1
2
3 Texto para conflito na linha 3. *** Alteração feita no GitHub ****
4
5 5
```

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Versionamento de Arquivos

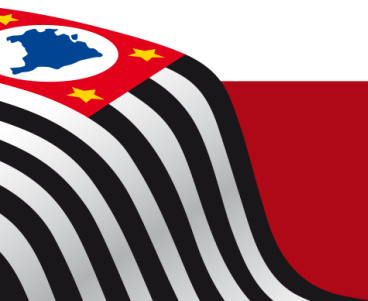


The screenshot shows a Windows File Explorer window with the address bar set to 'Teste01'. The left sidebar shows the 'Acesso rápido' (Quick access) section with various folders. The main pane displays a table of files:

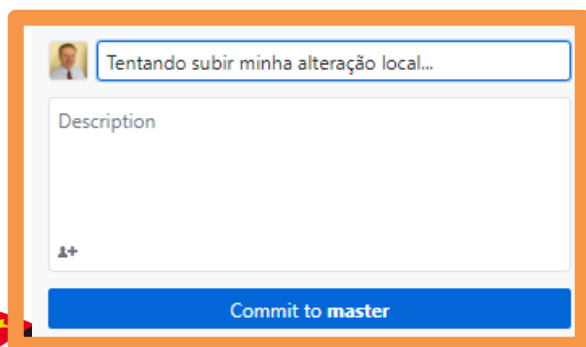
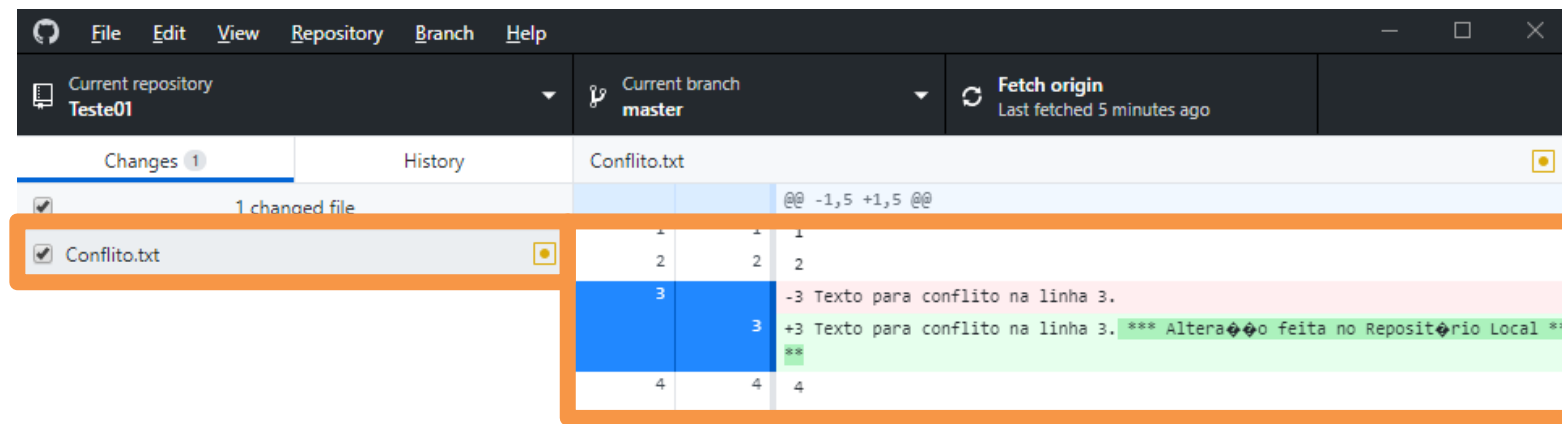
Nome	Data de modificaç...	Tipo	Tamanho
	30/10/2019 16:41	Documento de Texto	1 KB
Conflito	30/10/2019 17:06	Documento de Texto	1 KB
Novo arquivo criado no meu repositório local	30/10/2019 17:01	Documento de Texto	1 KB


An overlay window titled 'Conflito - Bloco de notas' (Conflict - Notepad) is open, showing a conflict resolution message. The message is highlighted with an orange border:


3 Texto para conflito na linha 3. *** Alteração feita no Repositório Local| ****





Versionamento de Arquivos




 **File** **Edit** **View** **Repository** **Branch** **Help**


 **Current repository**
Teste01


 **Current branch**
master

 **Push origin**
Last fetched 6 minutes ago **1**

Changes **History**

 **0 changed files**





Commit to master

Committed just now
Tentando subir minha alteração local...

Undo

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Push 1 commit to the origin remote

You have one local commit waiting to be pushed to GitHub.

Always available in the toolbar when there are local commits waiting to be pushed or **Ctrl** **P**

Push origin

Open the repository in your external editor

Select your editor in [Options](#)

Repository menu or **Ctrl** **Shift** **A**

Open in Visual Studio Code

View the files of your repository in Explorer

Repository menu or **Ctrl** **Shift** **F**

Show in Explorer

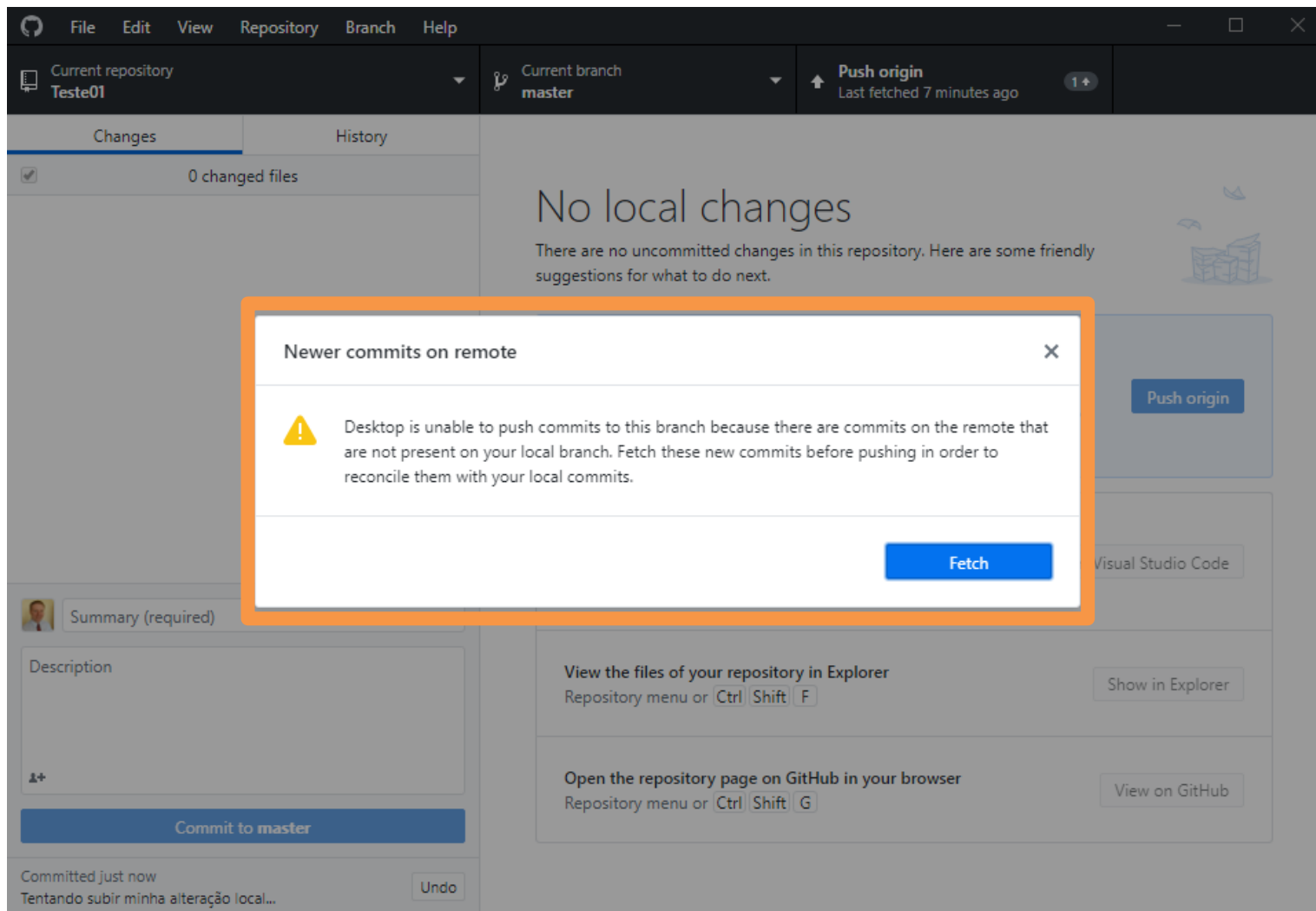
Open the repository page on GitHub in your browser

Repository menu or **Ctrl** **Shift** **G**

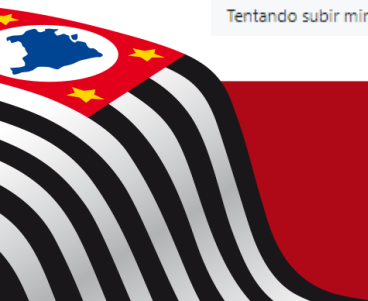
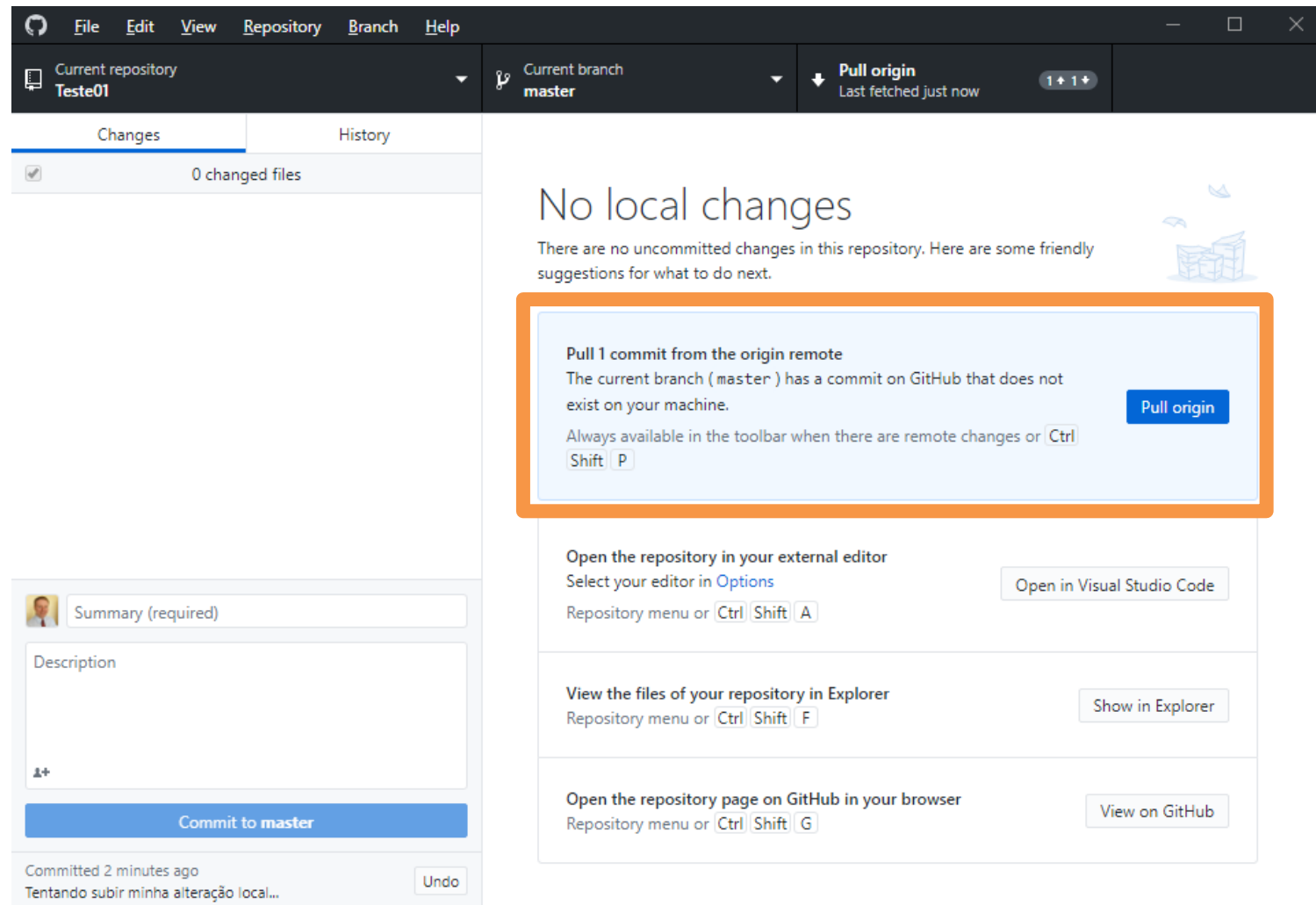
View on GitHub

Paula Souza

Versionamento de Arquivos



Versionamento de Arquivos



Versionamento de Arquivos

The screenshot shows a Git GUI interface with a dark theme. At the top, there's a menu bar with 'File', 'Edit', 'View', 'Repository', 'Branch', and 'Help'. Below the menu, the 'Current repository' is 'Teste01' and the 'Current branch' is 'master'. A 'Pull origin' button shows 'Last fetched just now' and '1 + 1 +'. The main area is divided into 'Changes' (1 changed file), 'History', and 'Conflito.txt'. The 'Conflito.txt' section shows a conflict in the file 'Conflito.txt' with lines 1 and 2 from both branches, and line 3 from the HEAD. A dialog box titled 'Resolve conflicts before merging origin/master into master' is open, showing '1 conflicted file' and 'Conflito.txt' with '1 conflict'. It offers options to 'Open in Visual Studio Code' or 'Open in command line, your tool of choice, or close to resolve manually.' At the bottom of the dialog are 'Commit merge' and 'Abort merge' buttons. An orange arrow points to the 'Commit merge' button. In the background, the 'Update Conflito.txt' button is visible, along with a 'Description' field and a 'Commit to master' button. The bottom status bar shows 'Committed 3 minutes ago' and 'Tentando subir minha alteração local...' with an 'Undo' button.

File Edit View Repository Branch Help

Current repository: Teste01

Current branch: master

Pull origin
Last fetched just now

Changes 1 History Conflito.txt

1 changed file

Conflito.txt

@@ -1,5 +1,9 @@

1 1 1

2 2 2

3 +<<<<<< HEAD

Resolve conflicts before merging **origin/master** into **master**

1 conflicted file

Conflito.txt
1 conflict

Open in Visual Studio Code

Open in command line, your tool of choice, or close to resolve manually.

Commit merge Abort merge

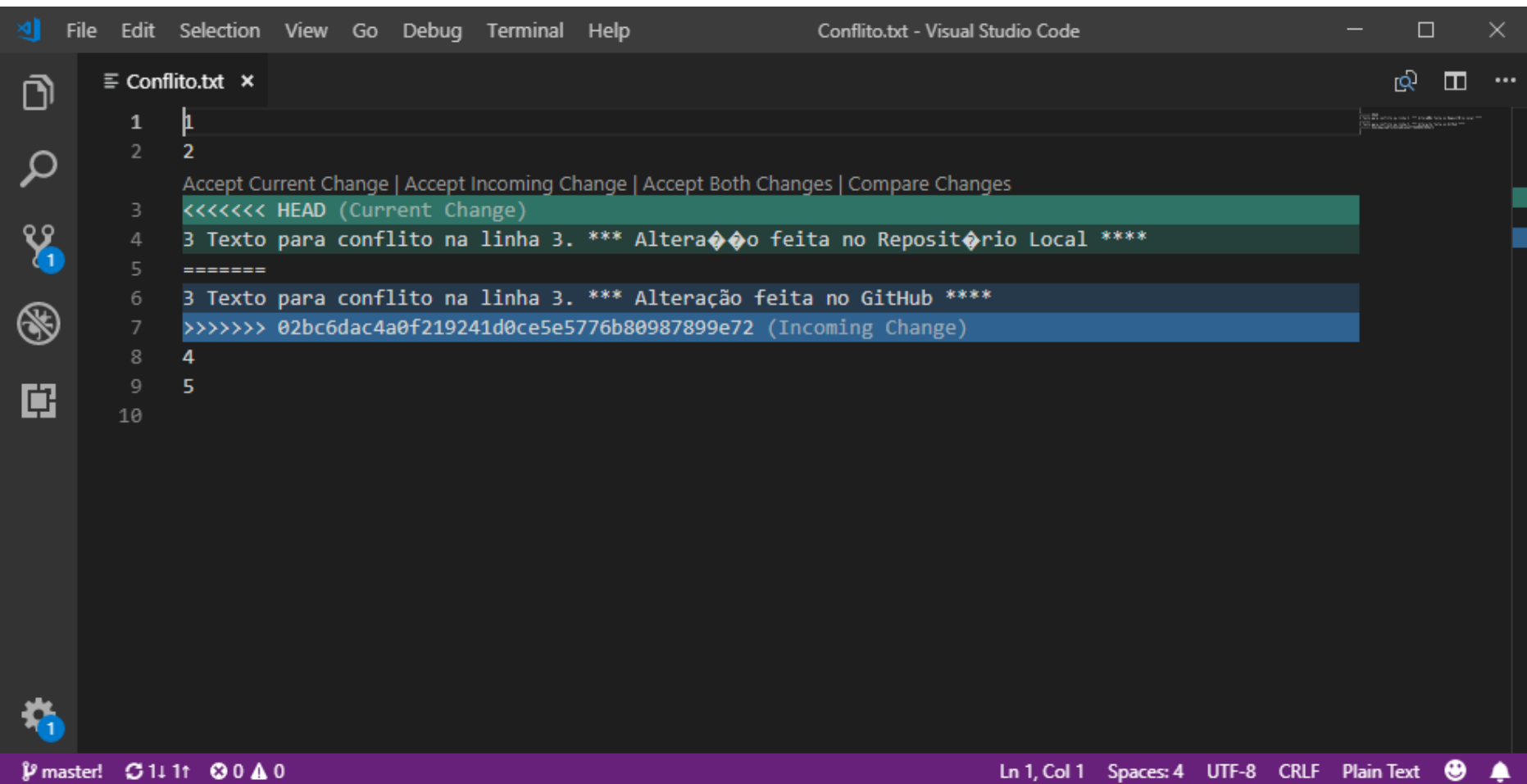
Update Conflito.txt

Description

Commit to master

Committed 3 minutes ago
Tentando subir minha alteração local... Undo

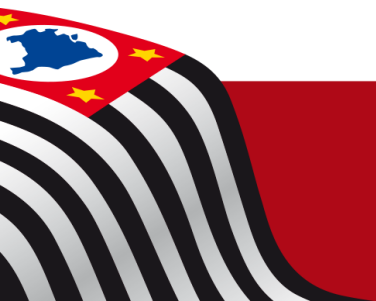
Versionamento de Arquivos



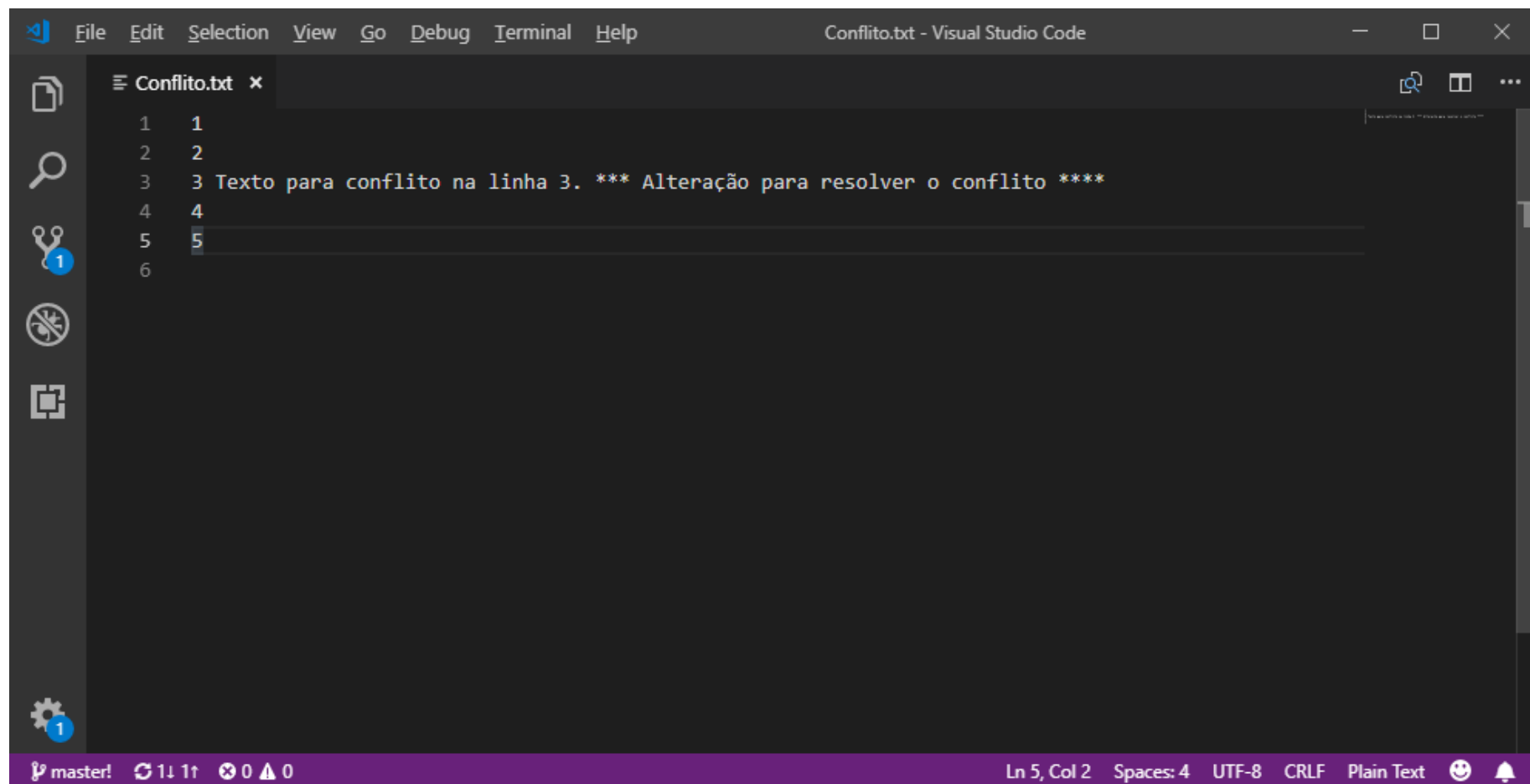
The screenshot shows the Visual Studio Code interface with a file named 'Conflito.txt' open. The editor displays a conflict between two versions of the file. The current change (HEAD) is shown in green, and the incoming change (02bc6dac4a0f219241d0ce5e5776b80987899e72) is shown in blue. The conflict is on line 3, where the text '3 Texto para conflito na linha 3. *** Alteração feita no Repositório Local ***' is present in both versions. The editor shows the current change on line 3 and the incoming change on line 6. The status bar at the bottom indicates the current branch is 'master!' and the file is in a conflict state.

```
1 |
2 2
3 Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
4 <<<<<<< HEAD (Current Change)
5 3 Texto para conflito na linha 3. *** Alteração feita no Repositório Local ***
6 =====
7 3 Texto para conflito na linha 3. *** Alteração feita no GitHub ***
8 >>>>>> 02bc6dac4a0f219241d0ce5e5776b80987899e72 (Incoming Change)
9 4
10 5
```

master! 11 11 0 0 Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Plain Text



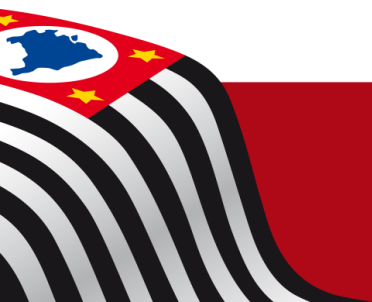
Versionamento de Arquivos



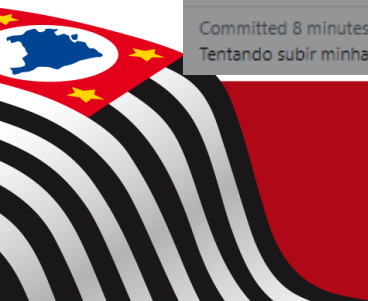
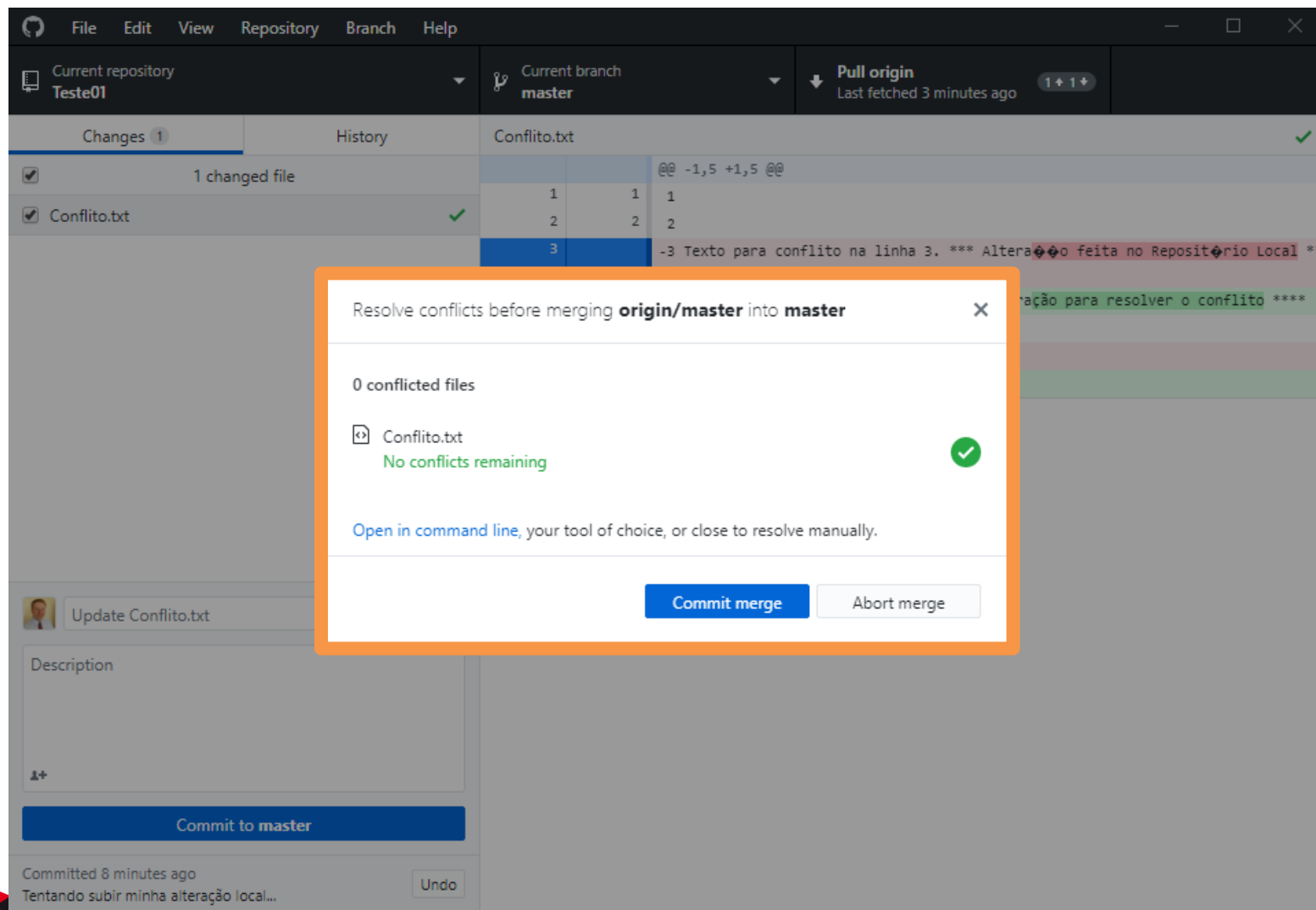
The screenshot shows the Visual Studio Code interface with a file named 'Conflito.txt' open. The editor displays the following content:

```
1 1
2 2
3 3 Texto para conflito na linha 3. *** Alteração para resolver o conflito ****
4 4
5 5
6
```

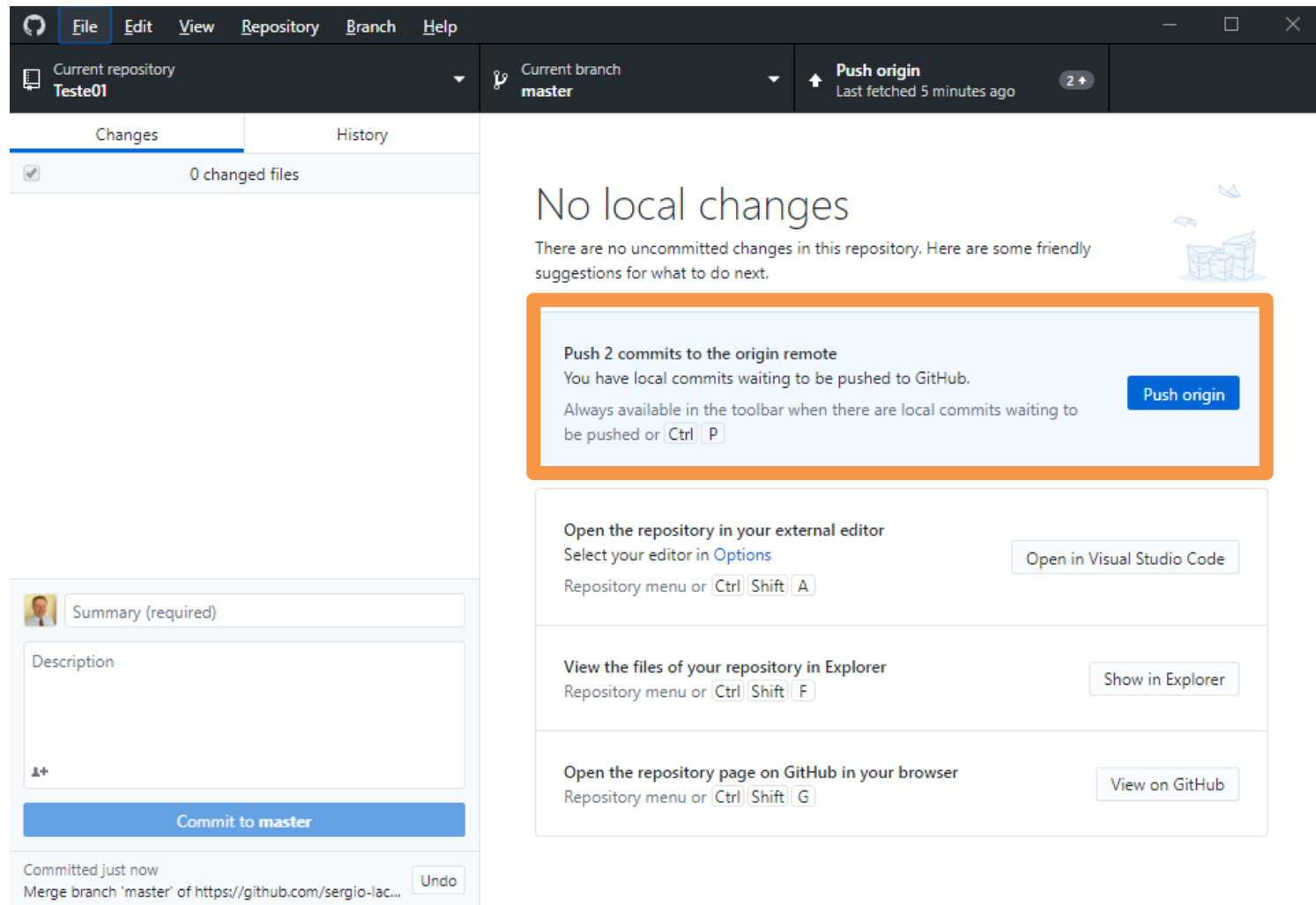
The status bar at the bottom indicates the file is on the 'master!' branch, with 1 commit, 1 file, 1 line, and 1 column. The file encoding is UTF-8, and the line endings are CRLF. The file is a Plain Text document.



Versionamento de Arquivos

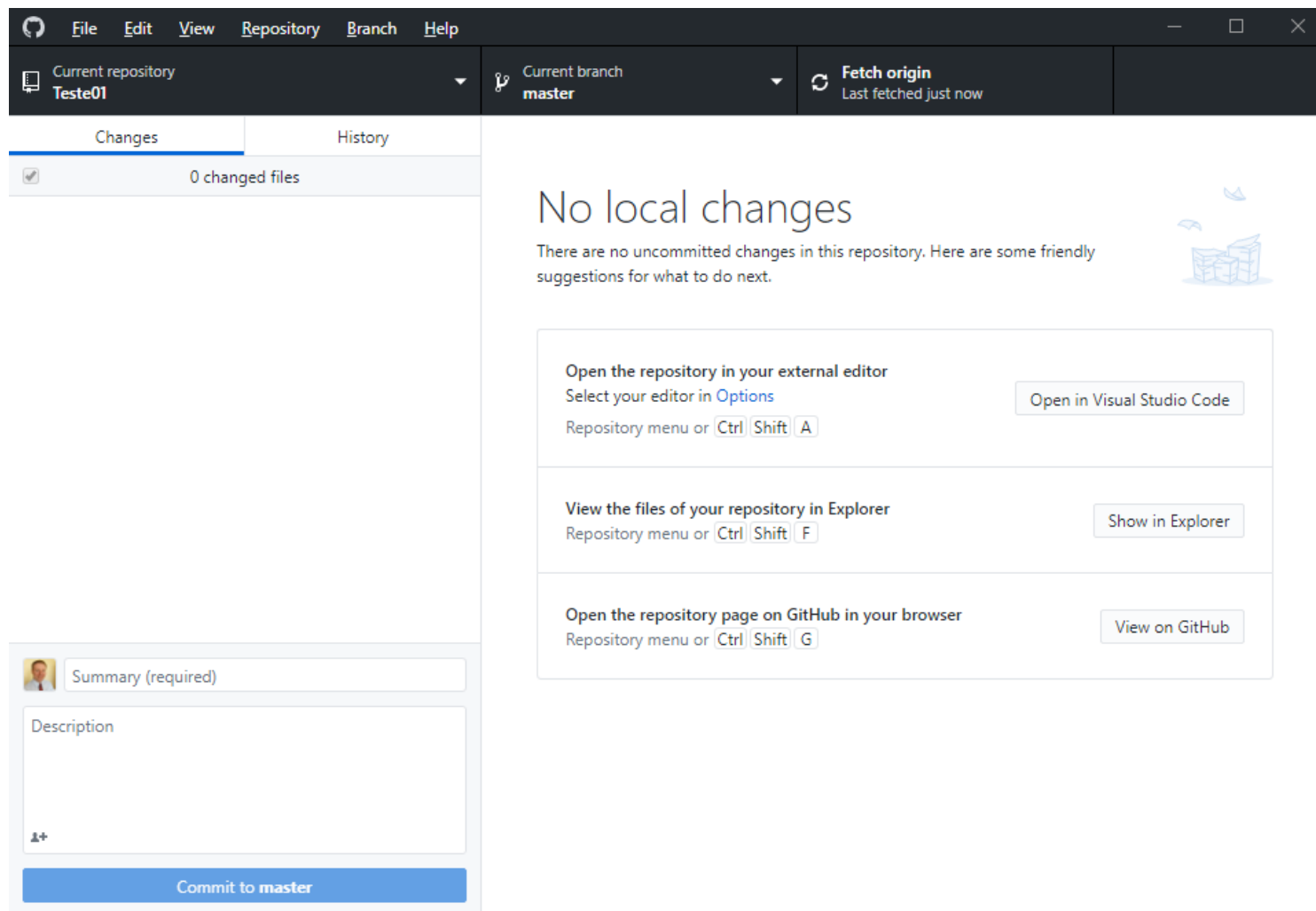


Versionamento de Arquivos



The screenshot shows the GitHub Desktop application window. The top bar includes a menu (File, Edit, View, Repository, Branch, Help) and status information: 'Current repository: Teste01', 'Current branch: master', and 'Push origin' (Last fetched 5 minutes ago, 2+). The main area displays 'No local changes' with a message: 'There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.' A blue box highlights the 'Push origin' button, which is labeled 'Push 2 commits to the origin remote'. Below this, there are three suggestions: 'Open the repository in your external editor' (with buttons for 'Open in Visual Studio Code' and 'Repository menu or Ctrl Shift A'), 'View the files of your repository in Explorer' (with button 'Show in Explorer' and 'Repository menu or Ctrl Shift F'), and 'Open the repository page on GitHub in your browser' (with button 'View on GitHub' and 'Repository menu or Ctrl Shift G'). On the left, the 'Changes' tab shows '0 changed files'. At the bottom left, there is a 'Commit to master' button and a status bar indicating 'Committed just now' and 'Merge branch 'master' of https://github.com/sergio-lac...'. A small illustration of a box with a ribbon is visible in the top right corner of the main area.

Versionamento de Arquivos



Versionamento de Arquivos

The screenshot shows a web browser window displaying a GitHub repository page. The address bar shows the URL `github.com/sergio-lacerda/Teste01`. The repository name is `sergio-lacerda / Teste01`. The page includes a green button labeled "Read the guide". Below the repository name, there are tabs for "Code", "Issues", "Pull requests", "Projects", "Wiki", "Security", "Insights", and "Settings". The "Code" tab is selected. The repository description is "Repositório testes criado a partir do GitHub Desktop". The repository statistics show 7 commits, 1 branch, 0 releases, and 1 contributor. The commit history is displayed with a table of recent commits. The commit "Conflito.txt" is highlighted with an orange box. The footer of the page includes copyright information for GitHub, Inc. and links to Terms, Privacy, Security, Status, Help, Contact GitHub, Pricing, API, Training, Blog, and About.

sergio-lacerda/Teste01: Repositório

github.com/sergio-lacerda/Teste01

Read the guide

sergio-lacerda / Teste01

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings

Repositório testes criado a partir do GitHub Desktop

Manage topics

7 commits 1 branch 0 releases 1 contributor

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

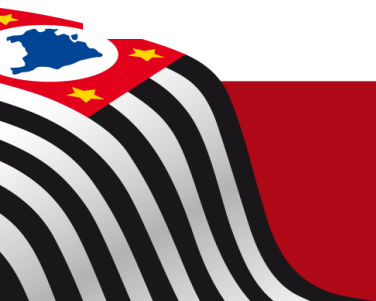
sergio-lacerda Merge branch 'master' of https://github.com/sergio-lacerda/Teste01 Latest commit 7f183e8 2 minutes ago

.gitattributes	Initial commit	43 minutes ago
Conflito.txt	Merge branch 'master' of https://github.com/sergio-lacerda/Teste01	2 minutes ago
Novo arquivo criado no meu reposit...	Novas atualizações.	24 minutes ago

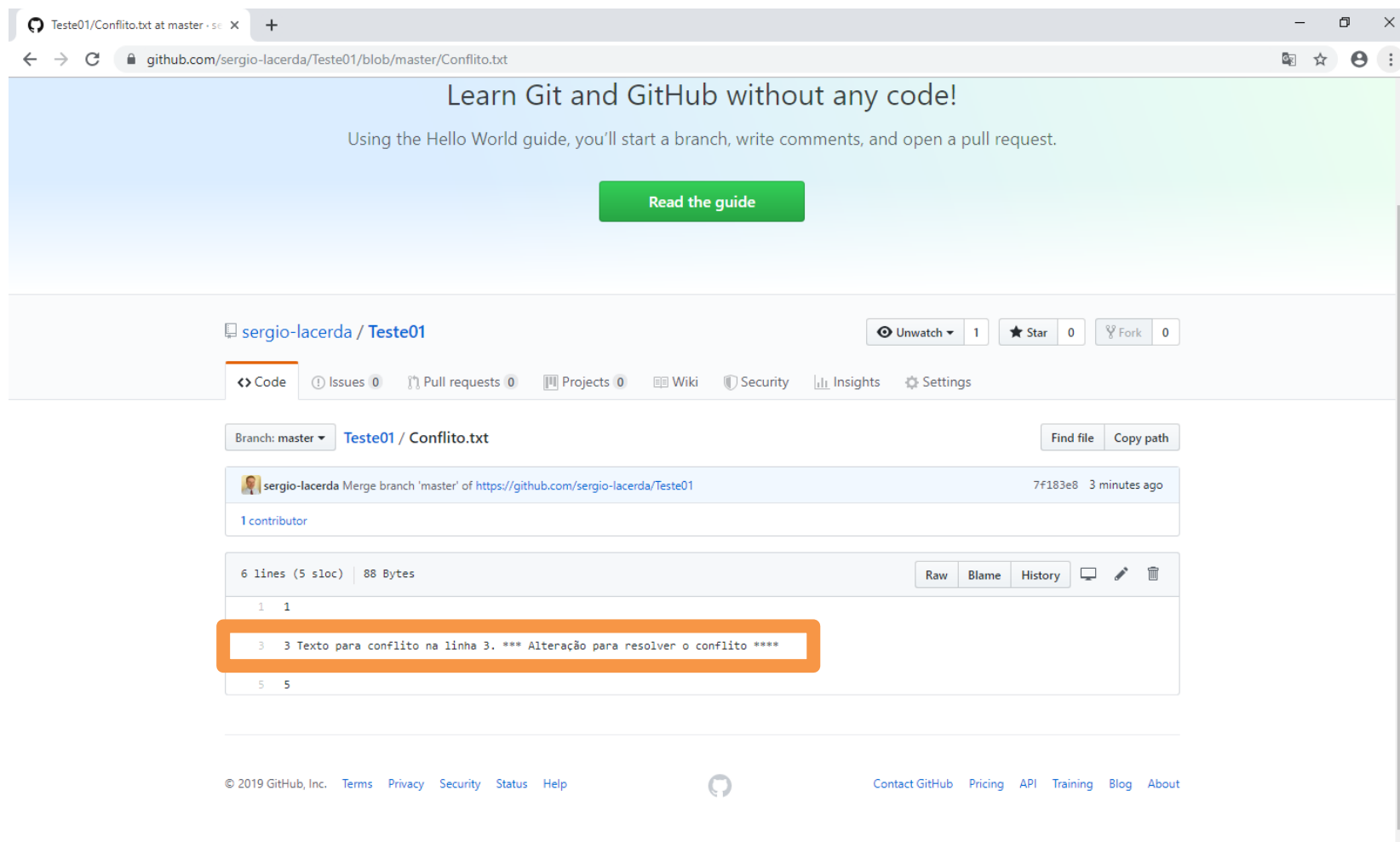
Help people interested in this repository understand your project by adding a README. Add a README

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Contact GitHub Pricing API Training Blog About



Versionamento de Arquivos



The screenshot shows a web browser displaying a GitHub repository page. The address bar shows the URL `github.com/sergio-lacerda/Teste01/blob/master/Conflito.txt`. The page header includes the text "Learn Git and GitHub without any code!" and a green button labeled "Read the guide". Below this, the repository name "sergio-lacerda / Teste01" is shown, along with statistics for Unwatch (1), Star (0), and Fork (0). The navigation bar includes links for Code, Issues (0), Pull requests (0), Projects (0), Wiki, Security, Insights, and Settings. The file view shows the "Branch: master" and the file "Teste01 / Conflito.txt". A merge commit by "sergio-lacerda" is displayed. The file content shows a conflict resolution message: "3 3 Texto para conflito na linha 3. *** Alteração para resolver o conflito ***". The footer includes copyright information for GitHub, Inc. and links to Terms, Privacy, Security, Status, Help, Contact GitHub, Pricing, API, Training, Blog, and About.

Teste01/Conflito.txt at master · sergio-lacerda · [View file history](#)

Learn Git and GitHub without any code!

Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

[Read the guide](#)

sergio-lacerda / Teste01

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Security Insights Settings


Branch: master Teste01 / Conflito.txt Find file Copy path

sergio-lacerda Merge branch 'master' of <https://github.com/sergio-lacerda/Teste01> 7f183e8 3 minutes ago

1 contributor

6 lines (5 sloc) 88 Bytes Raw Blame History

```
1 1
3 3 Texto para conflito na linha 3. *** Alteração para resolver o conflito ***
5 5
```

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