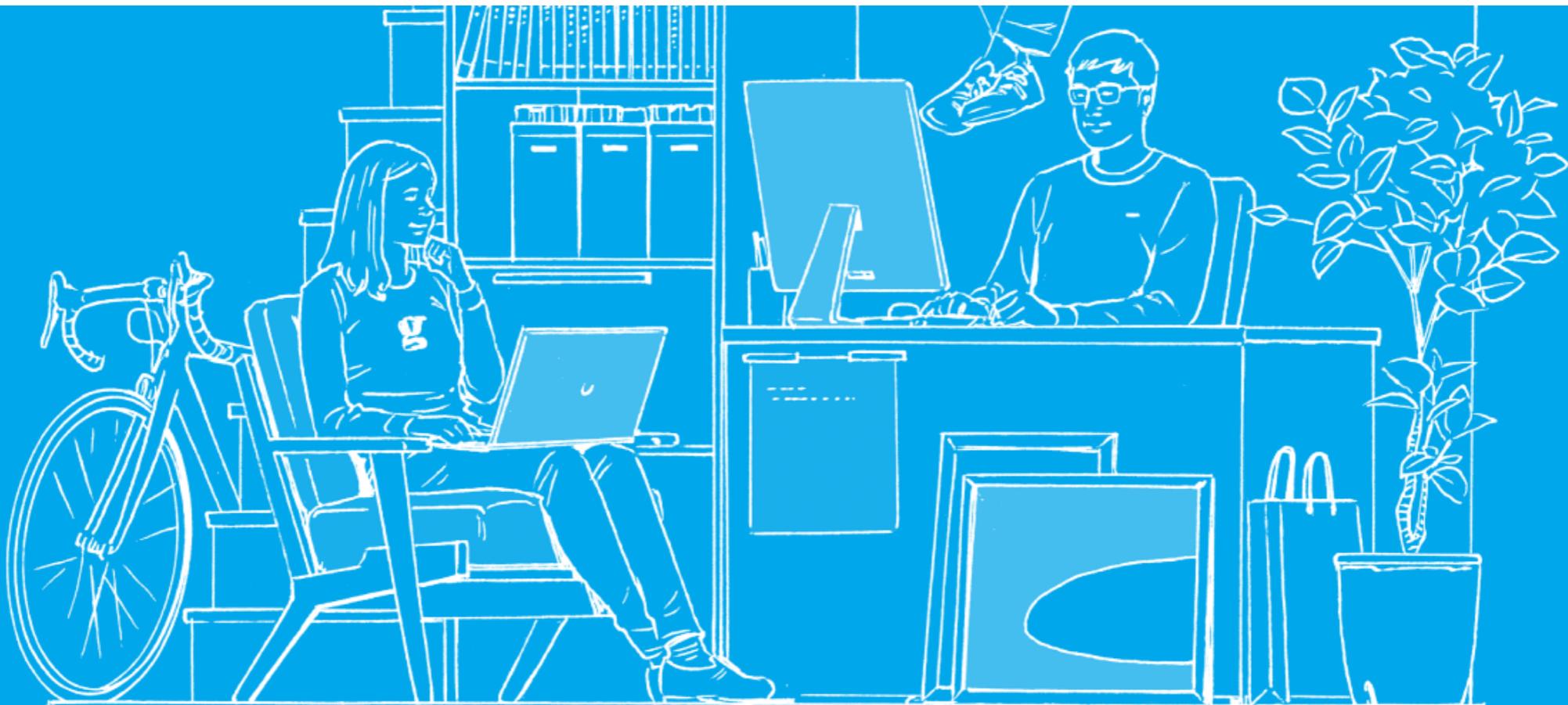




G's ACADEMY
TOKYO

Github & GitKraken



Githubのアカウント取得

① GitHubアカウントの登録の流れ(動画)

<https://youtu.be/hqtPjKvOKNg>

1. 以下にアクセス

<https://github.com/>

2. sign up

3. 必要事項入力

4. 無料プランを選択

5. 何も入力せず「submit」

6. メールアドレスに届いたメールの認証をクリック

7. 完了

Github Sign in

動画もあります

<https://www.youtube.com/watch?v=-UsSF3MXcpM>

アカウントを取得してから進めてください。

The screenshot shows the GitHub homepage with a dark background. At the top, there is a navigation bar with links for Features, Business, Explore, Marketplace, and Pricing. A search bar is located next to the navigation, followed by 'Sign in' and 'Sign up' buttons. Below the navigation, the main heading 'Built for developers' is displayed in large white text. A descriptive paragraph follows, stating: 'GitHub is a development platform inspired by the way you work. From open source to business, you can host and review code, manage projects, and build software alongside 28 million developers.' At the bottom of this section, there is a link 'Learn more →'. On the right side of the page, there is a sign-up form for GitHub. The form fields are 'Username' (placeholder 'Pick a username'), 'Email' (placeholder 'you@example.com'), and 'Password' (placeholder 'Create a password'). Below the password field is a note: 'Use at least one letter, one numeral, and seven characters.' A large green button at the bottom of the form says 'Sign up for GitHub'. A small note below the button states: 'By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy statement](#). We'll occasionally send you account related emails.' The entire sign-up form is enclosed in a red rectangular border.

サインインしましょう!

(アカウント取得後はそのままLOGINすることができます。)

The screenshot shows the GitHub homepage with a dark background. At the top, there is a navigation bar with links for Features, Business, Explore, Marketplace, and Pricing. A search bar is located next to the navigation. On the right side of the header, there is a "Sign in or Sign up" button, which is highlighted with a pink border. Below the header, the main content area features a large white box containing fields for Username, Email, and Password. The "Sign up for GitHub" button is green. Below the sign-up form, there is a note about agreeing to terms of service and privacy statements. At the bottom left, there is a quote and a "Learn more →" link.

Features Business Explore Marketplace Pricing

Search GitHub

Sign in or Sign up

Built for developers

GitHub is a development platform inspired by the way you work. From open source to business, you can host and review code, manage projects, and build software alongside 28 million developers.

Through a combination of creativity, determination, and (a lot of) carefully crafted code, the future is being built every day.

Learn more →

Username
Pick a username

Email
you@example.com

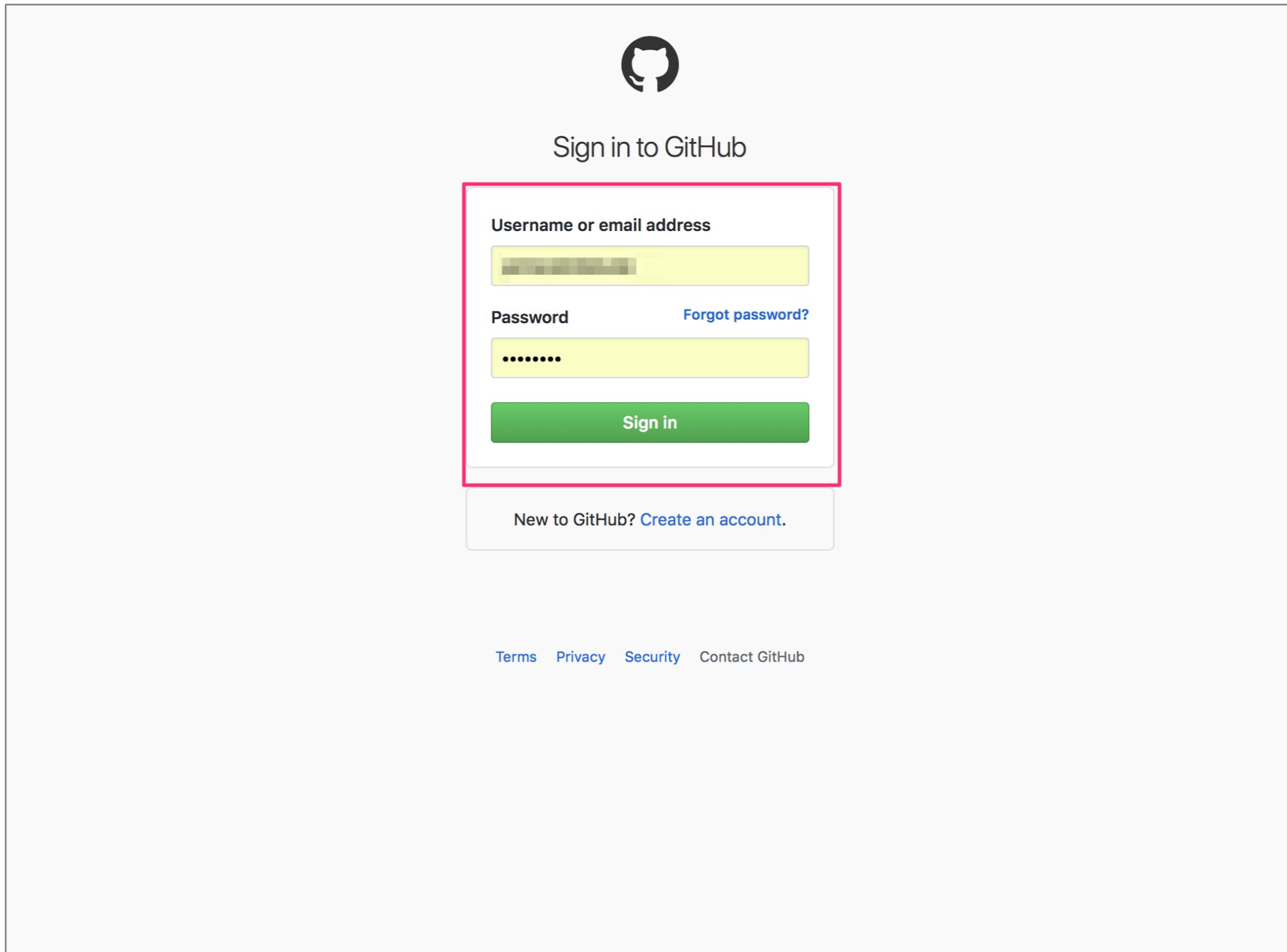
Password
Create a password

Use at least one letter, one numeral, and seven characters.

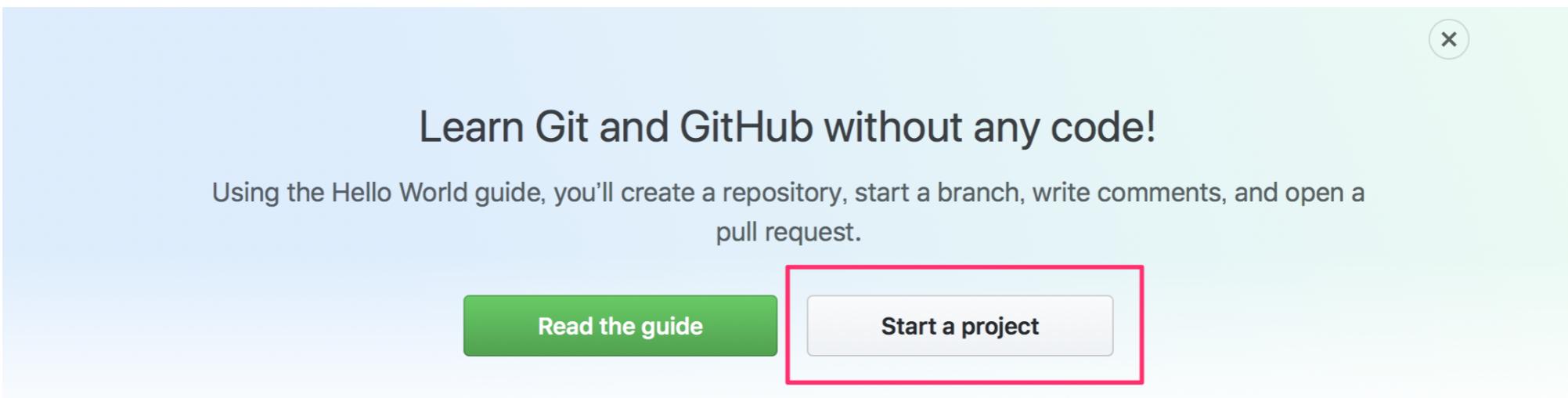
Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy statement](#). We'll occasionally send you account related emails.

ID/Passwordを入力して「Sign in」



「Start a project」をクリック



The screenshot shows a GitHub dashboard. On the left, there's a sidebar with a 'Workshops at GitHub Universe' announcement, a message about new Terms of Service and Privacy Statement, and a dropdown menu set to 'yamazakidaisuke'. Below that is a 'Repositories' section with a 'New repository' button and a search bar. A list of repositories includes: 'yamazakidaisuke/dev11t', 'Campus-Advisors/module-1-basi...', 'yamazakidaisuke/DefinitelyTyped', 'yamazakidaisuke/gscms', 'yamazakidaisuke/jquery', and 'yamazakidaisuke/impressJs_Build'. The main area shows 'Browse activity' with a message: 'You've been added to the gsacademys organization!' followed by tips for organization members. It also displays a recent commit from 'taylorotwell' to 'laravel/laravel' and a merge pull request from 'bertheyman/daily-logs-by-default'.

以下①～④を入力し「Create Repository」をクリック

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner Repository name

yamazakidaisuke / gs_code  ①

Great repository names are short and memorable. Need inspiration? How about [sturdy-memory](#).

Description (optional)

練習  ②

 Public
Anyone can see this repository. You choose who can commit.  ③

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

Initialize this repository with a README
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None  | Add a license: None  

 ④

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

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

[Set up in Desktop](#)

or

[HTTPS](#)[SSH](#)https://github.com/アカウント名/gs_code.git

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

① [このURLをコピー](#)

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

```
echo "# example1" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/アカウント名/gs_code.git
git push -u origin master
```



...or push an existing repository from the command line

```
git remote add origin https://github.com/アカウント名/gs_code.git
git push -u origin master
```



...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

[Import code](#)

ページはこのままにしておきます。

💡 ProTip! Use the URL for this page when adding GitHub as a remote.

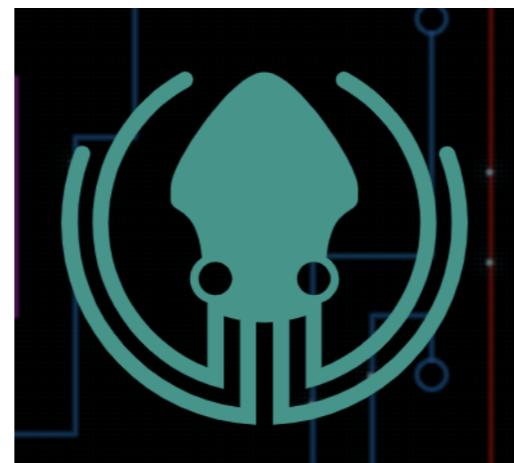
GitKraken

(Gitクライアント)

GitCrakenとは

GitKraken（ギットクラーケン）は、Electronを使って作られたモダンなGitクライアントです。ElectronはGitHubが開発したクロスプラットフォームのデスクトップアップリケーション開発フレームワークでWindows,Mac,Linuxで動作します。モダンエディタのVisualStudioCode,Atom,Bracketsにも採用されています。

GithubはタコをモチーフにしてますがGitCrakenはイカです。



また、GitKrakenは今もっともスタートアップで使われてる熱い「Gitクライアント」なのです。

gitとは・・・

「ファイルの変更履歴の保存ができるツール」

※ 履歴が保存できるので履歴DBみたいなものです。

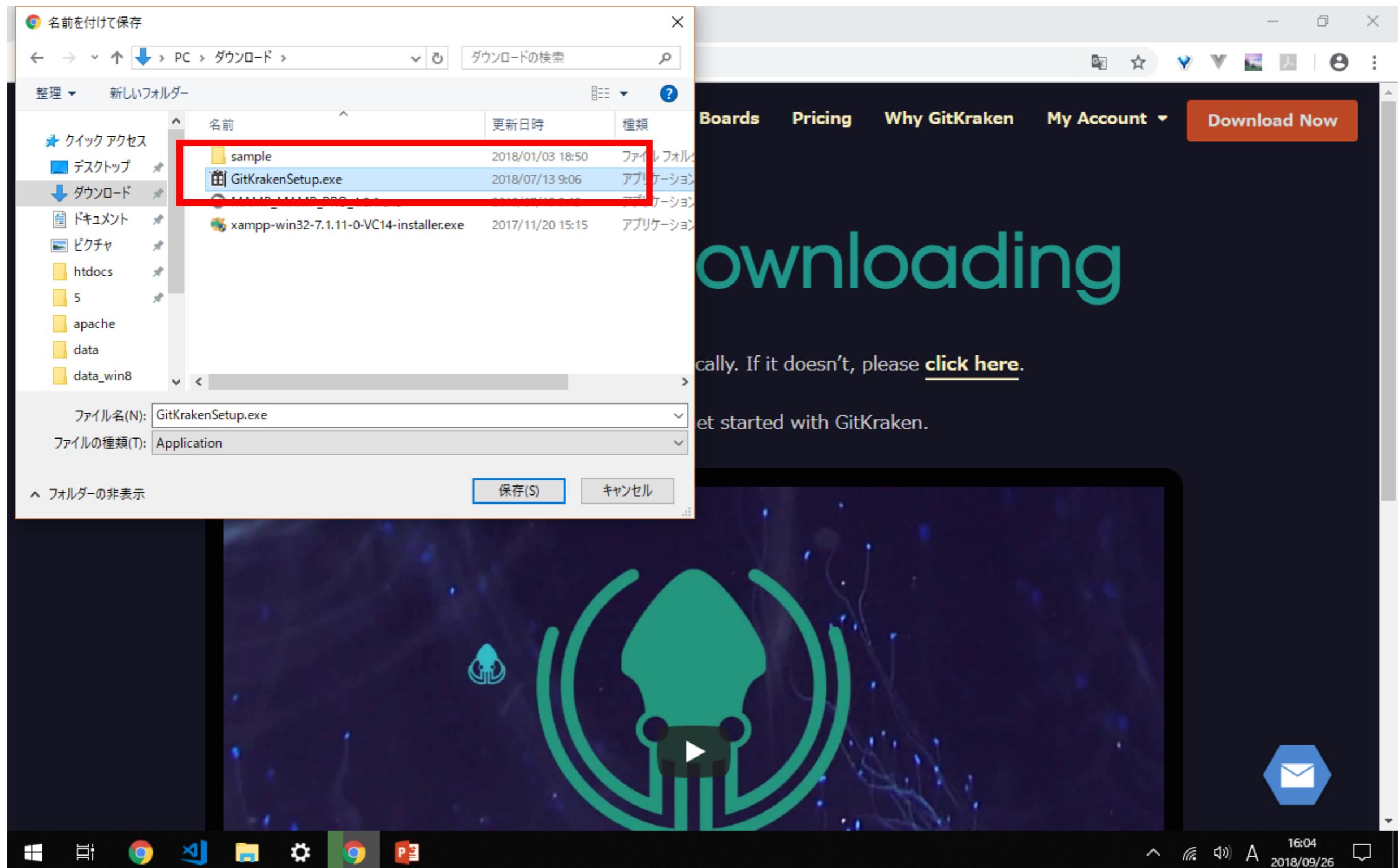
gitができること

- ・ファイルの更新履歴の記録ができる
- ・過去の履歴へファイルの状態を戻すことができる
- ・他の人と変更履歴を共有できる

GitKraken を ダウンロード



GitKrakenをダウンロード



Thank You for Downloading GitKraken

c-web.ad.otsuma.ac.jp

https://www.gitkraken.com/download/windows64

Git Client Glo Boards Pricing Why GitKraken My Account Download Now

Thanks for downloading

Your download should start automatically. If it doesn't, please [click here](#).

Watch this intro video to get started with GitKraken.

GitKrakenSetup.exe
75.4/127 MB、残り 41 秒

すべて表示

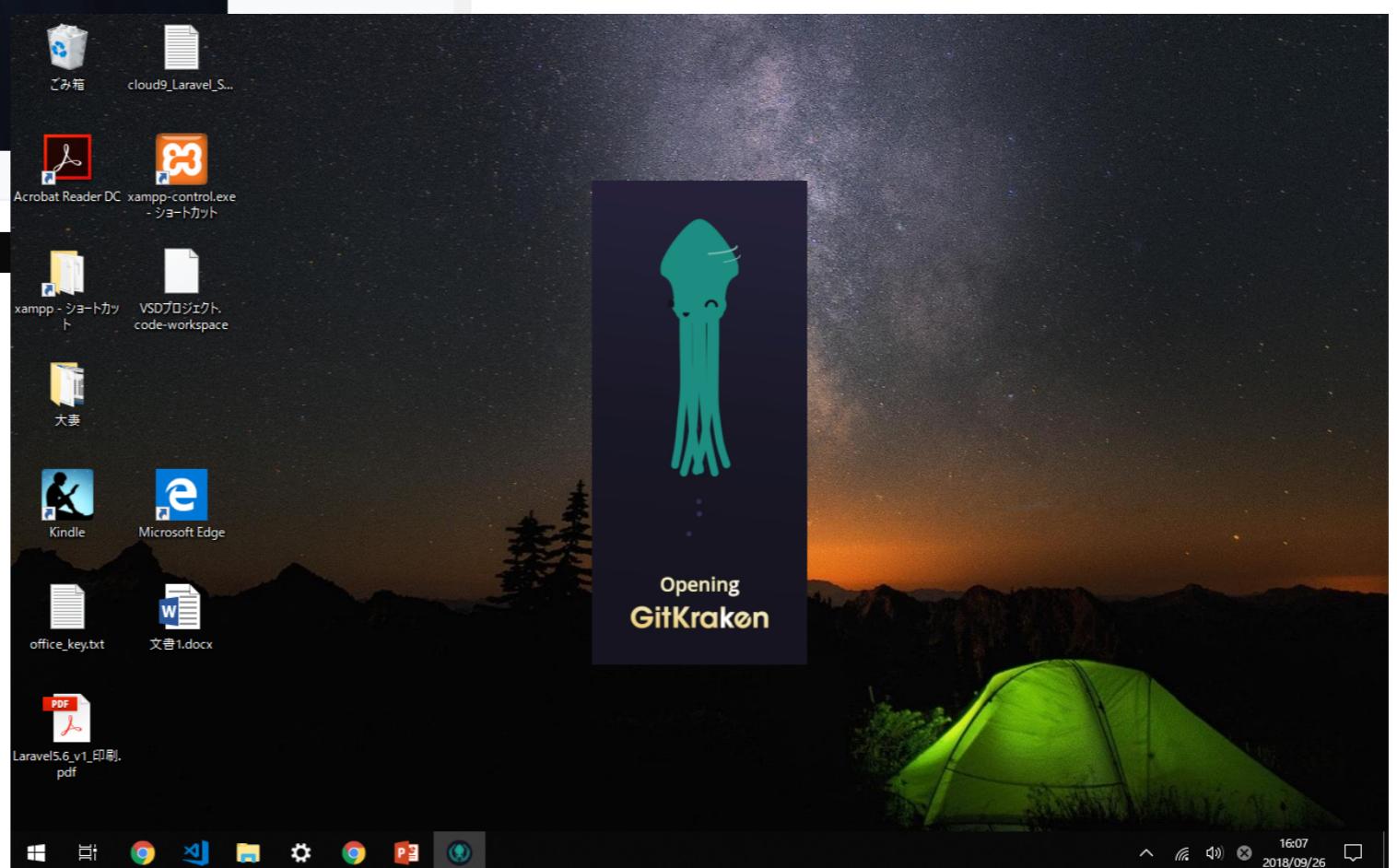
ダウンロード後にインストール

16:04
2018/09/26

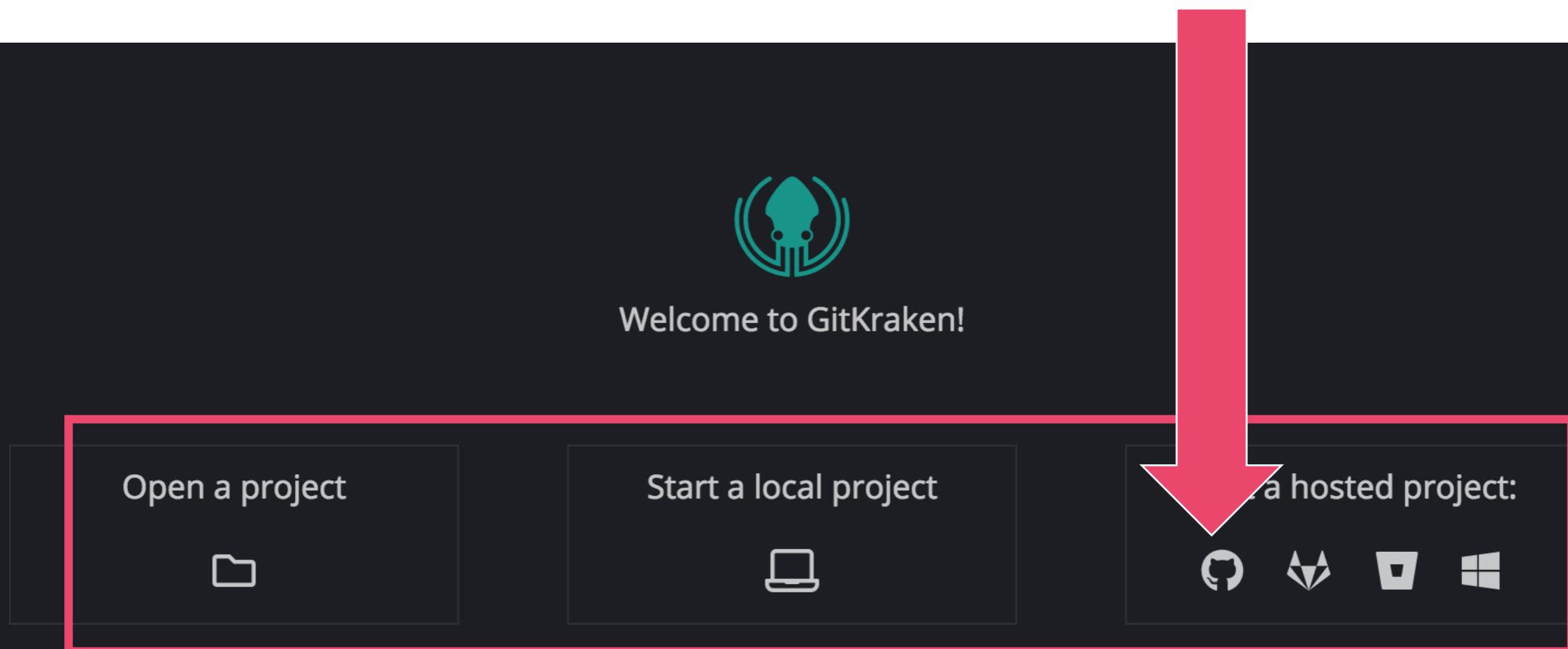
インストール中の画面



起動中のOpening画面



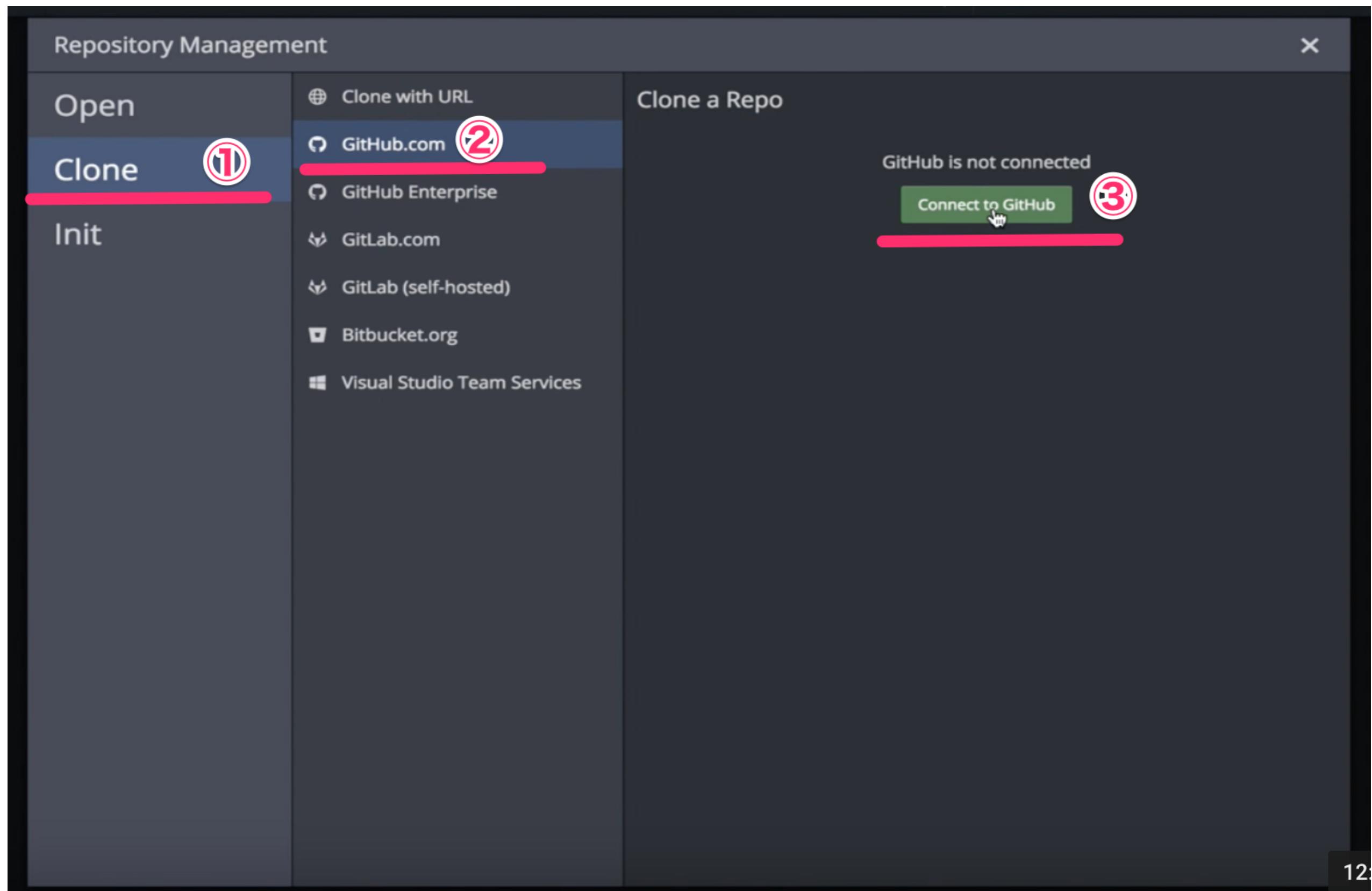
Githubアイコンをクリック



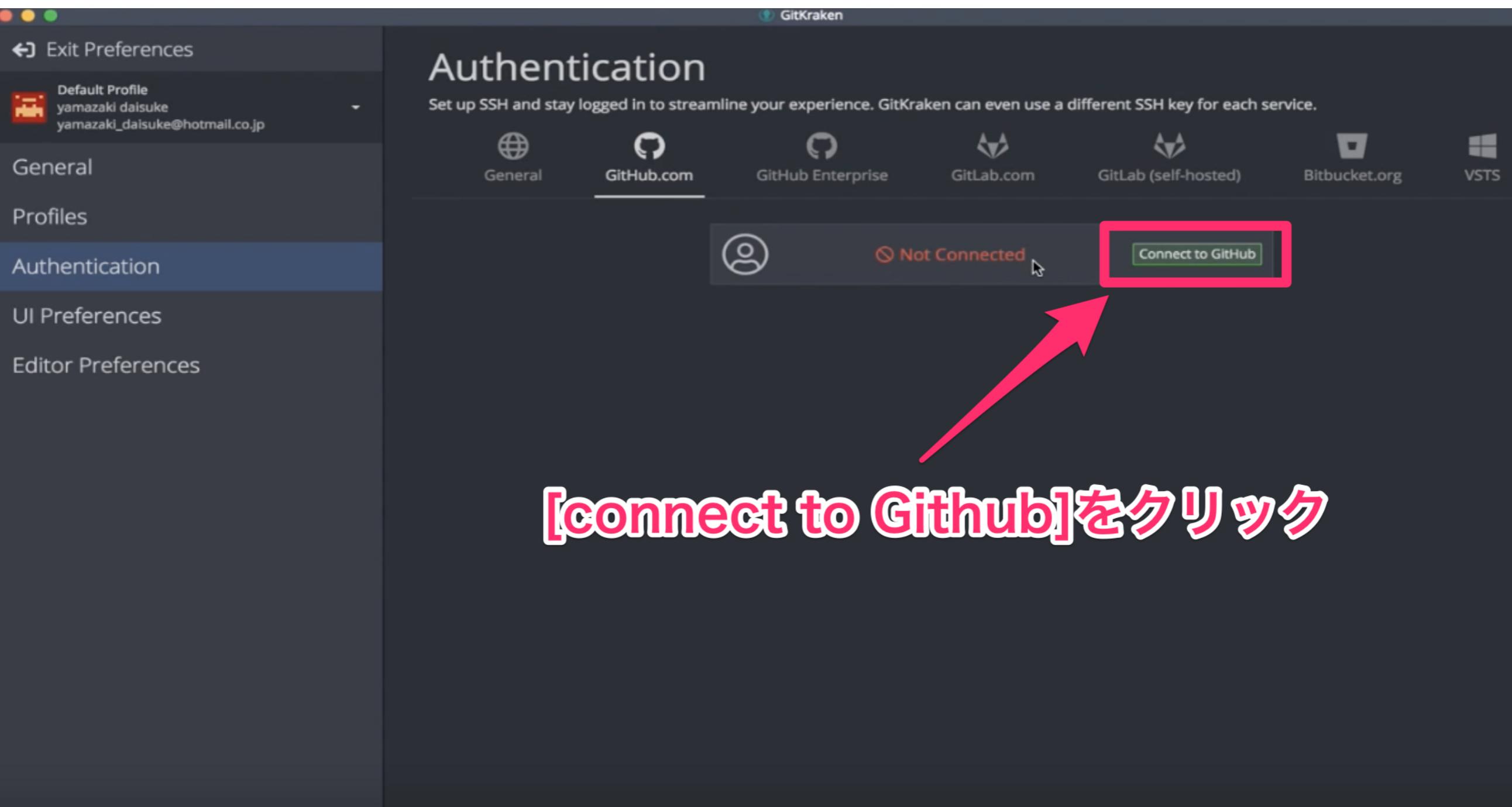
Watch the intro video: <https://support.gitkraken.com/#get-started>

Join the GitKraken Slack community: <https://slack.gitkraken.com>

Githubに接続します。

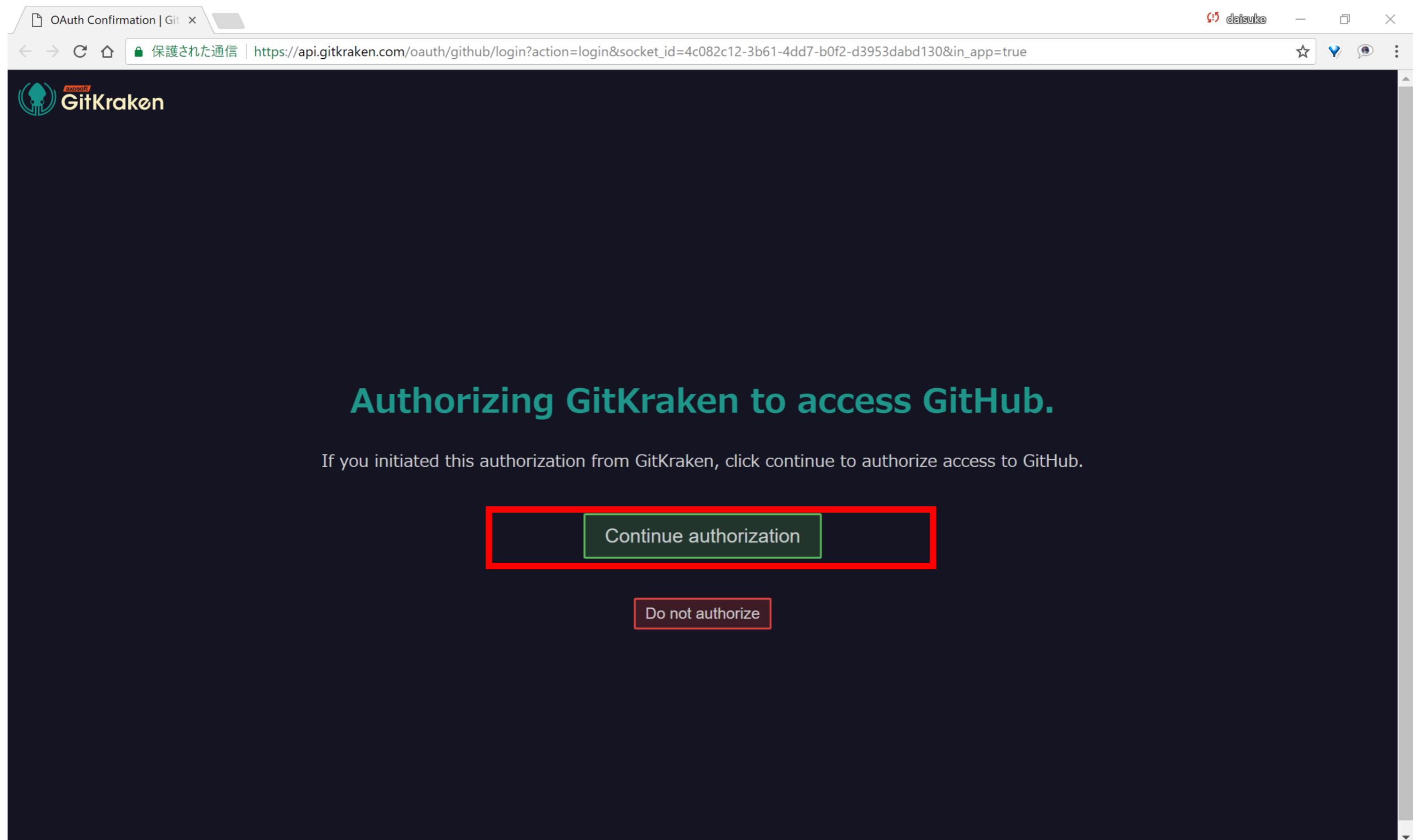


GithubとのConnectionを張ります。



[connect to Github]をクリック

緑色枠の「Continue authorization」をクリック



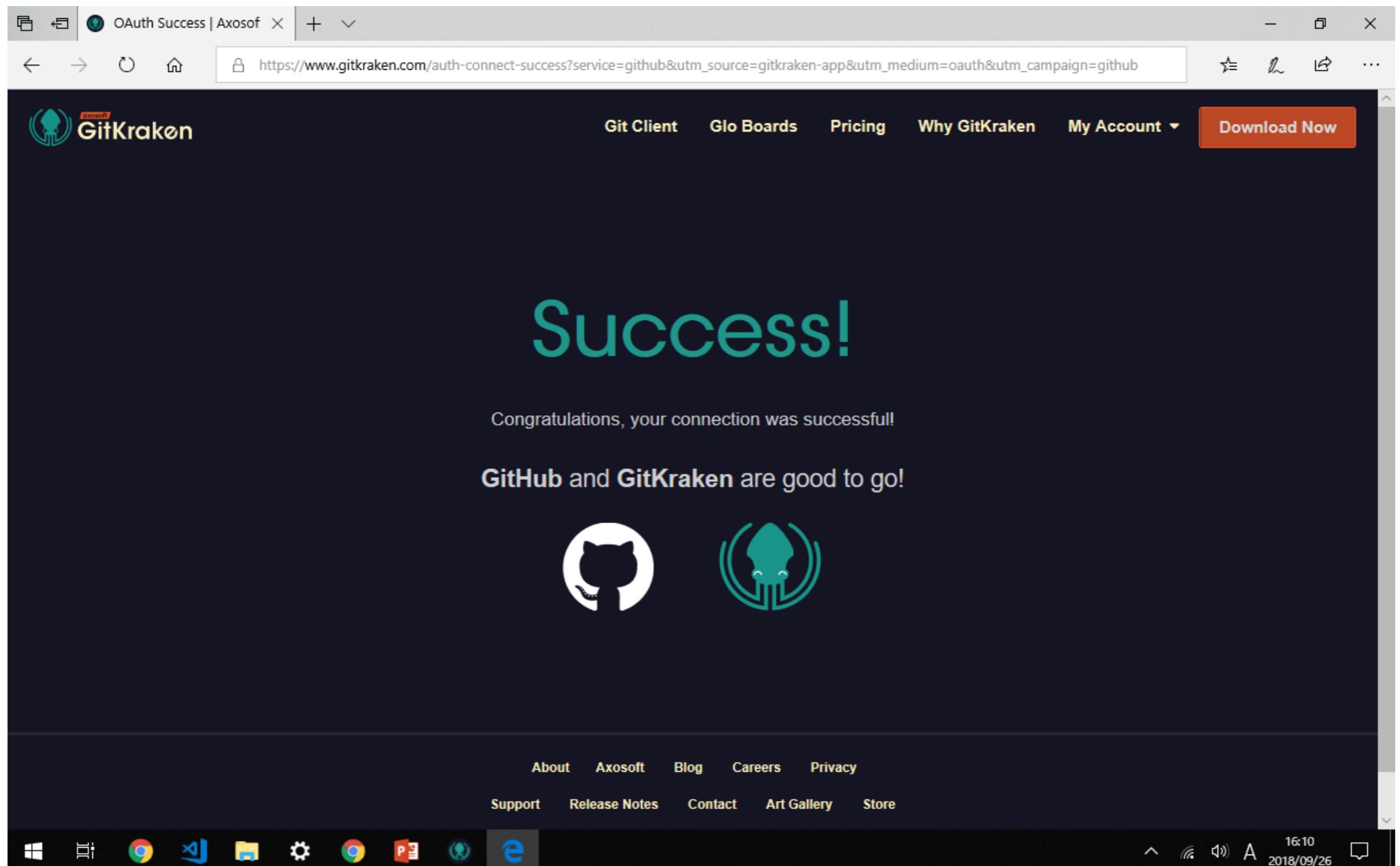
Github のアカウントでログイン

OAuth Confirmation | Git x Sign in to GitHub · GitHub x daisuke - ×

← → ⌂ ⌄ 保護された通信 | https://github.com/login?client_id=a7557949433b7d282a76&return_to=%2Flogin%2Foauth%2Fauthorize%3Fclient_id%3Da7557949433b7d282a76%26response_type... 🔑 ⭐ 🌐 🌐 ⋮

The screenshot shows a GitHub OAuth login page for GitKraken. At the top, there's a GitHub logo and a placeholder profile picture for the user. Below that, the text "Sign in to GitHub to continue to GitKraken". A red box highlights the "Username or email address" field containing "yamazakidaisuke" and the "Password" field containing several dots. A green "Sign in" button is below them. At the bottom, it says "New to GitHub? Create an account." The URL in the address bar is https://github.com/login?client_id=a7557949433b7d282a76&return_to=%2Flogin%2Foauth%2Fauthorize%3Fclient_id%3Da7557949433b7d282a76%26response_type... .

このページが表示されたら閉じてOK
このページは今後はでません



Glithub接続が完了 (GithubのリポジトリがGitKrakenから全て参照できます)

The screenshot shows the GitKraken application window with the 'Authentication' tab selected in the sidebar. The main area displays the 'GitHub.com' service configuration. A user profile named 'yamazakidaisuke' is listed with a blue square icon. To the right of the icon, the status 'Connected' is shown with a green checkmark. Below this, there are sections for generating an SSH key ('Generate SSH Key') and adding existing keys ('Add existing SSH key'). The taskbar at the bottom of the screen shows various icons for other applications like File Explorer, Edge, and Task View.

2. 接続が完了したら[Exit Preferences]をクリックして戻る

1. Connectedを確認

General GitHub.com GitHub Enterprise GitLab.com GitLab (self-hosted) Bitbucket.org VSTS

yamazakidaisuke Connected

SSH Key No SSH settings detected. You can add an SSH Key to GitHub below.

Generate SSH Key (optional) Enter a title for your new SSH key

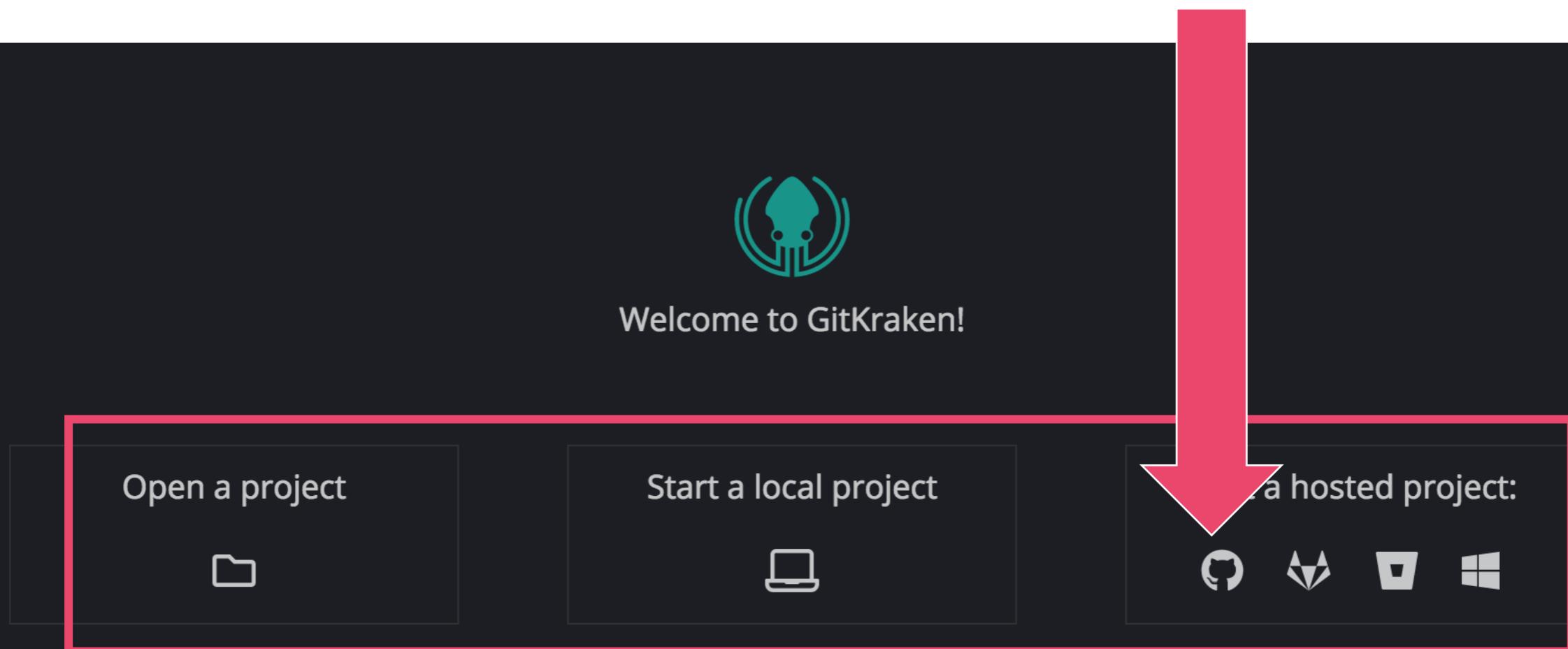
Generate SSH key and add to GitHub

Add existing SSH key Browse for Private SSH Key

Browse for Public SSH Key

Githubとの接続が完了

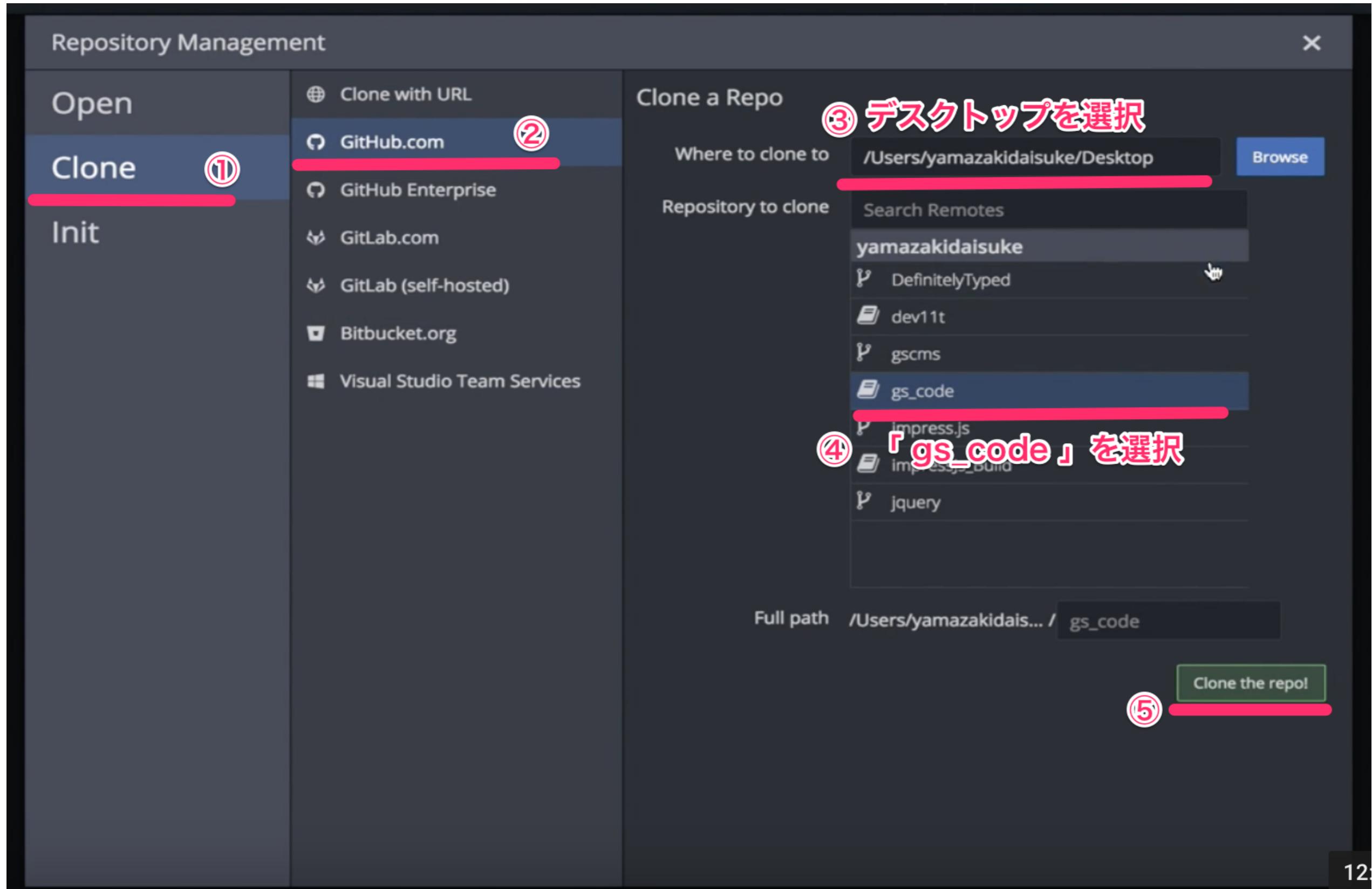
またGithubアイコンをクリック



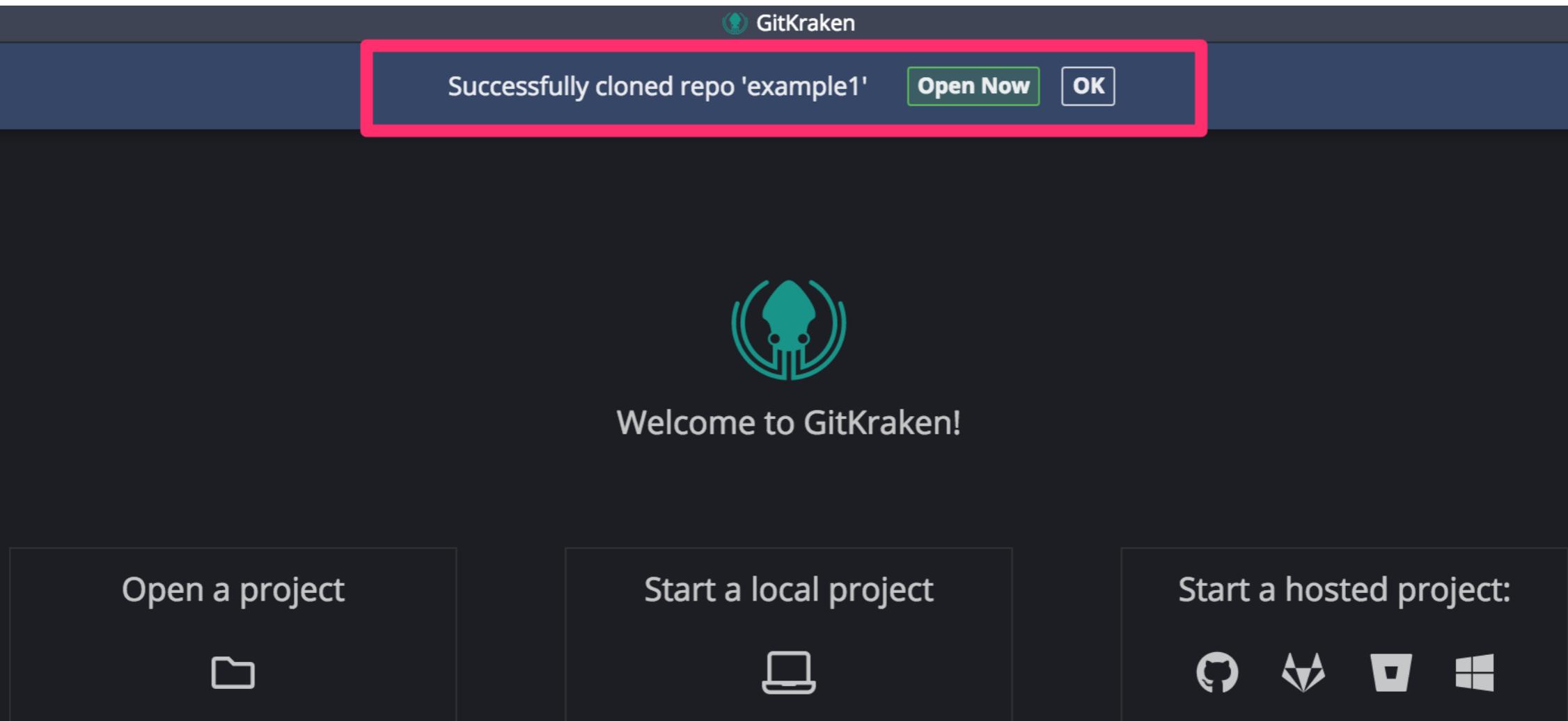
Watch the intro video: <https://support.gitkraken.com/#get-started>

Join the GitKraken Slack community: <https://slack.gitkraken.com>

Githubから「gs_code」をコピーします



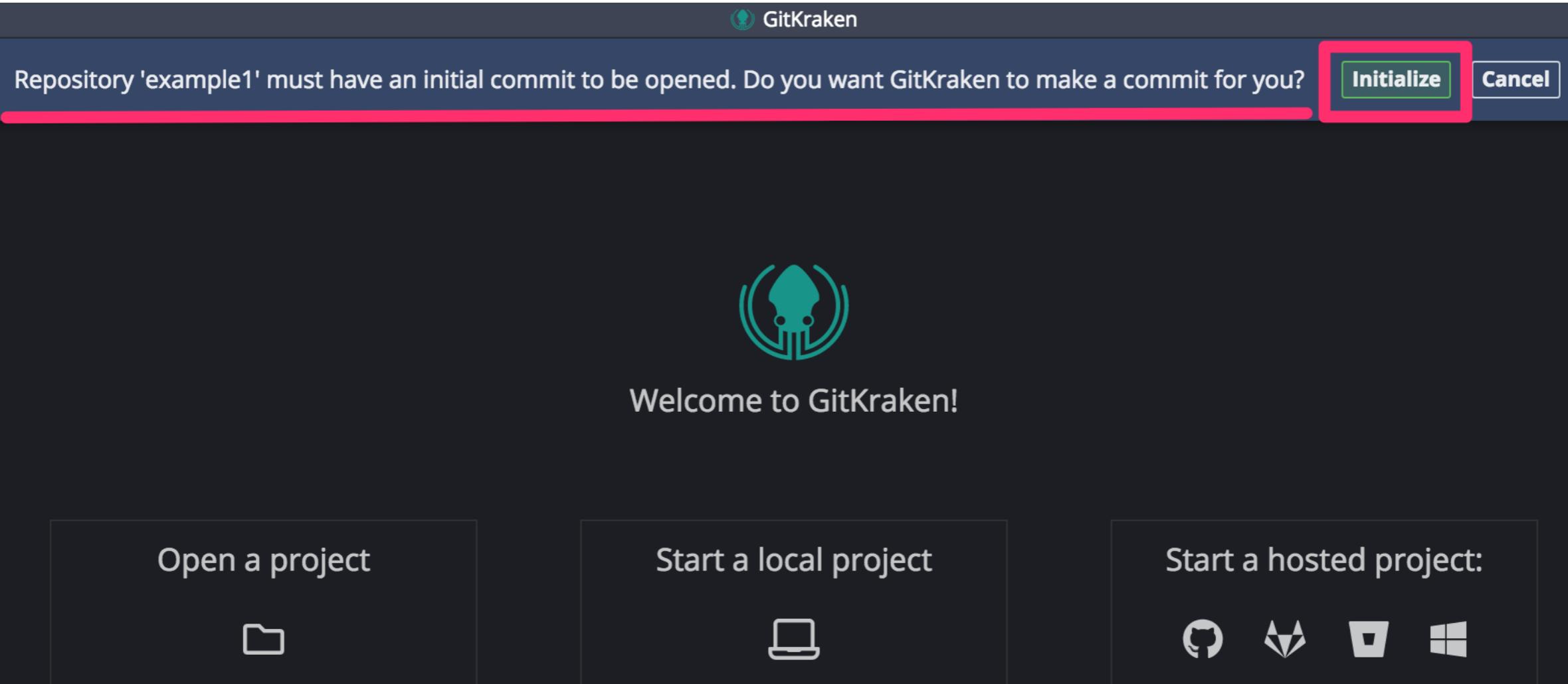
「Open Now」を選択



Watch the intro video: <https://support.gitkraken.com/#get-started>

Join the GitKraken Slack community: <https://slack.gitkraken.com>

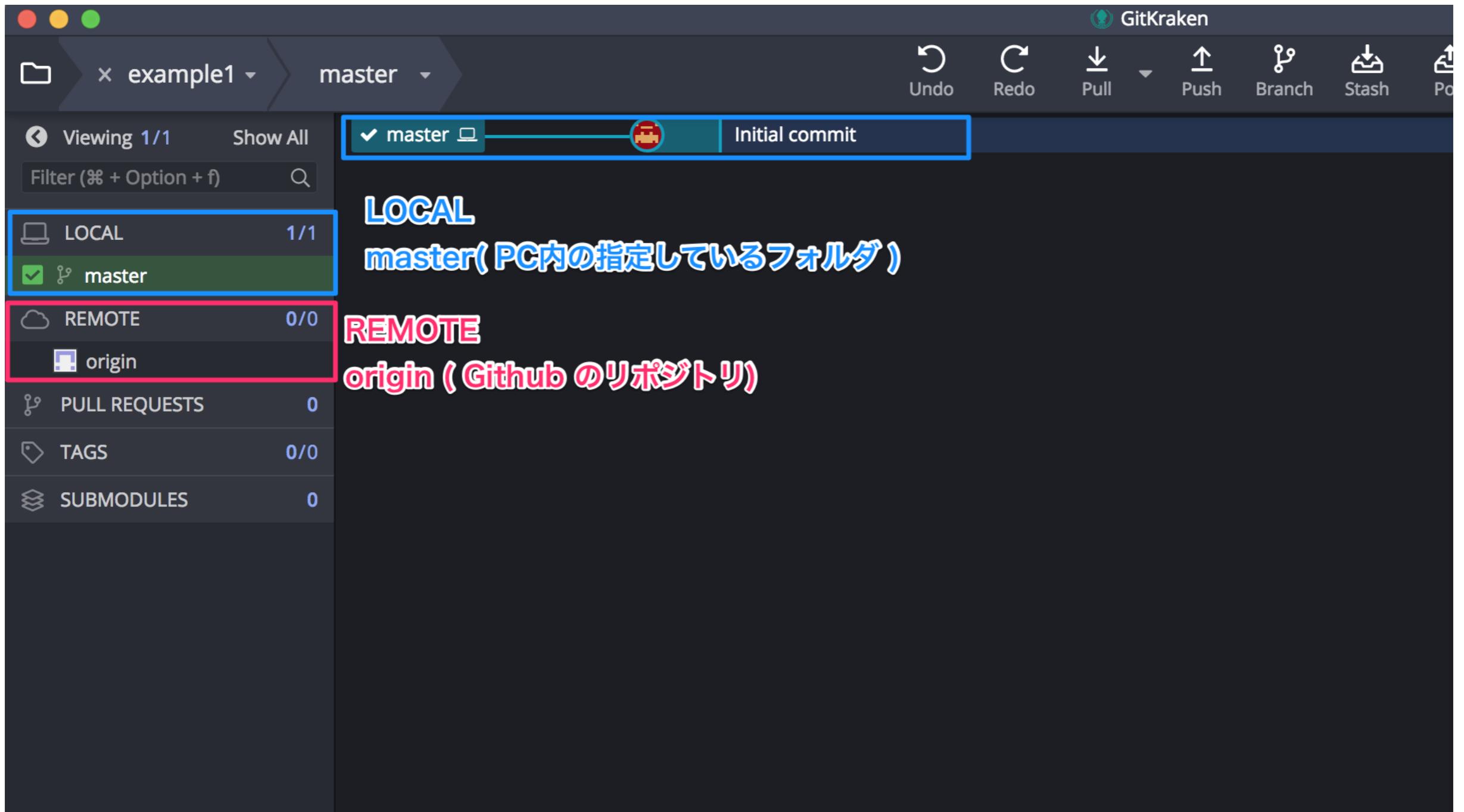
「Initialize」を選択



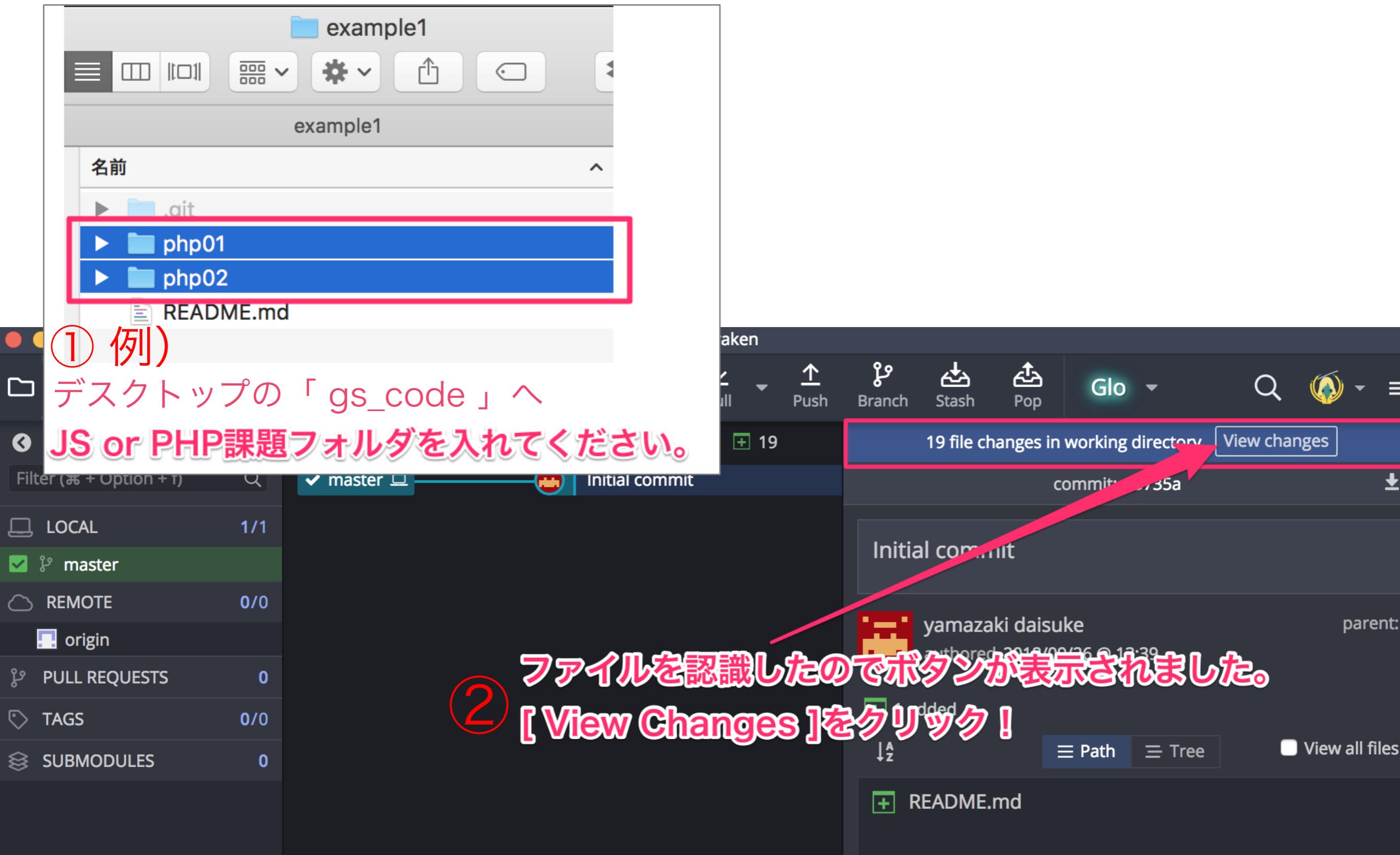
Watch the intro video: <https://support.gitkraken.com/#get-started>

Join the GitKraken Slack community: <https://slack.gitkraken.com>

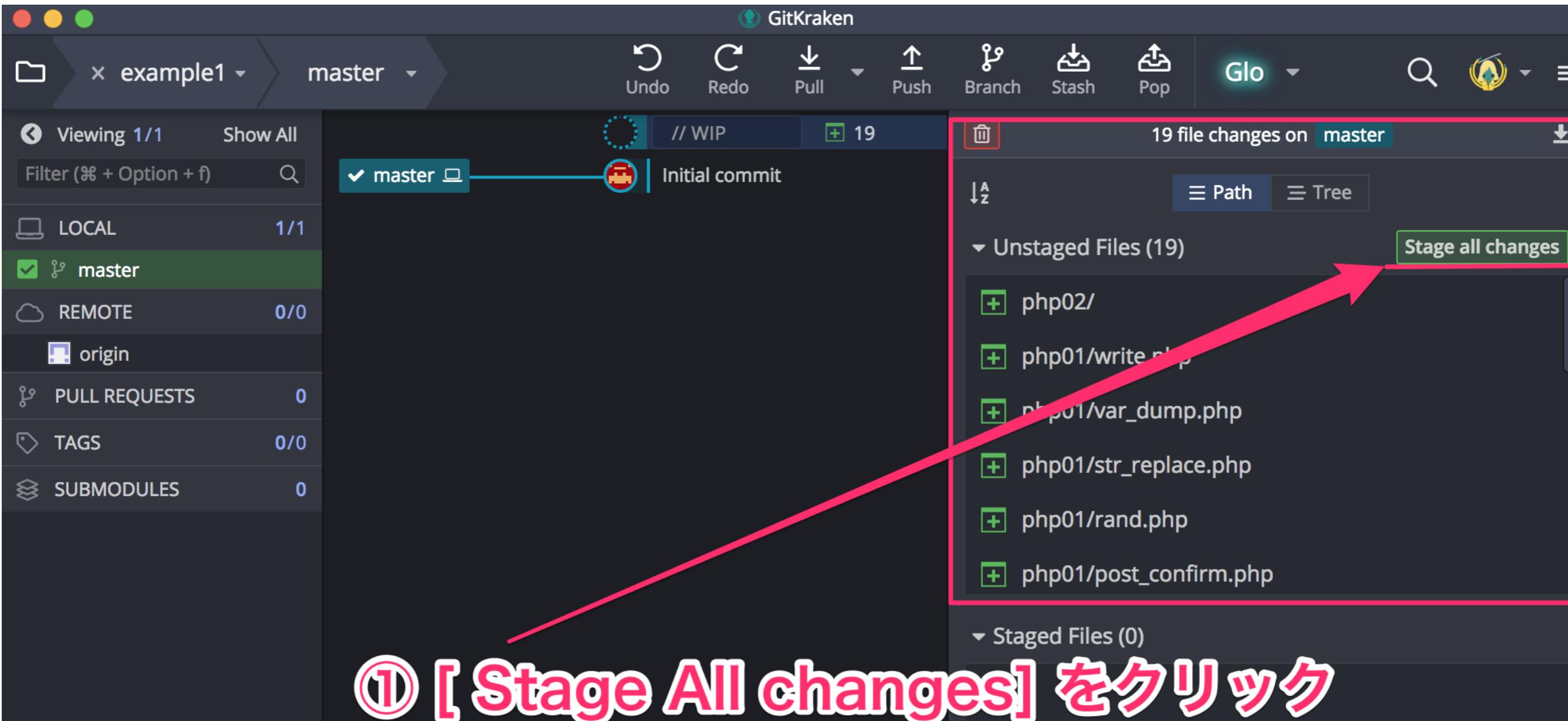
設定完了 「master」 がローカル環境（自分のPC内）です。次の作業へ



.../htdocs/gs_code/以下にGithubにアップしたいファイル等を置く



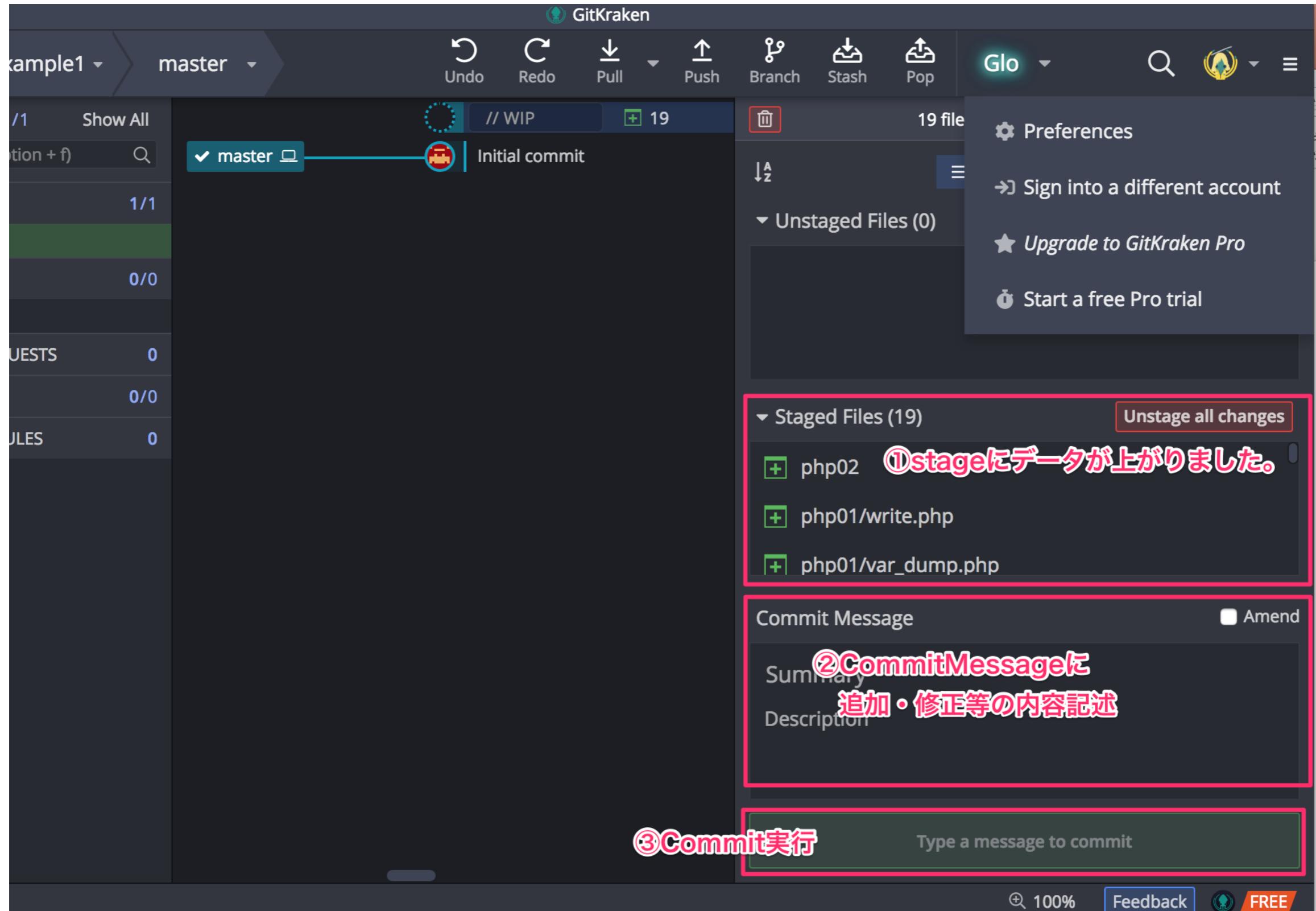
「Stage All changes」をクリック



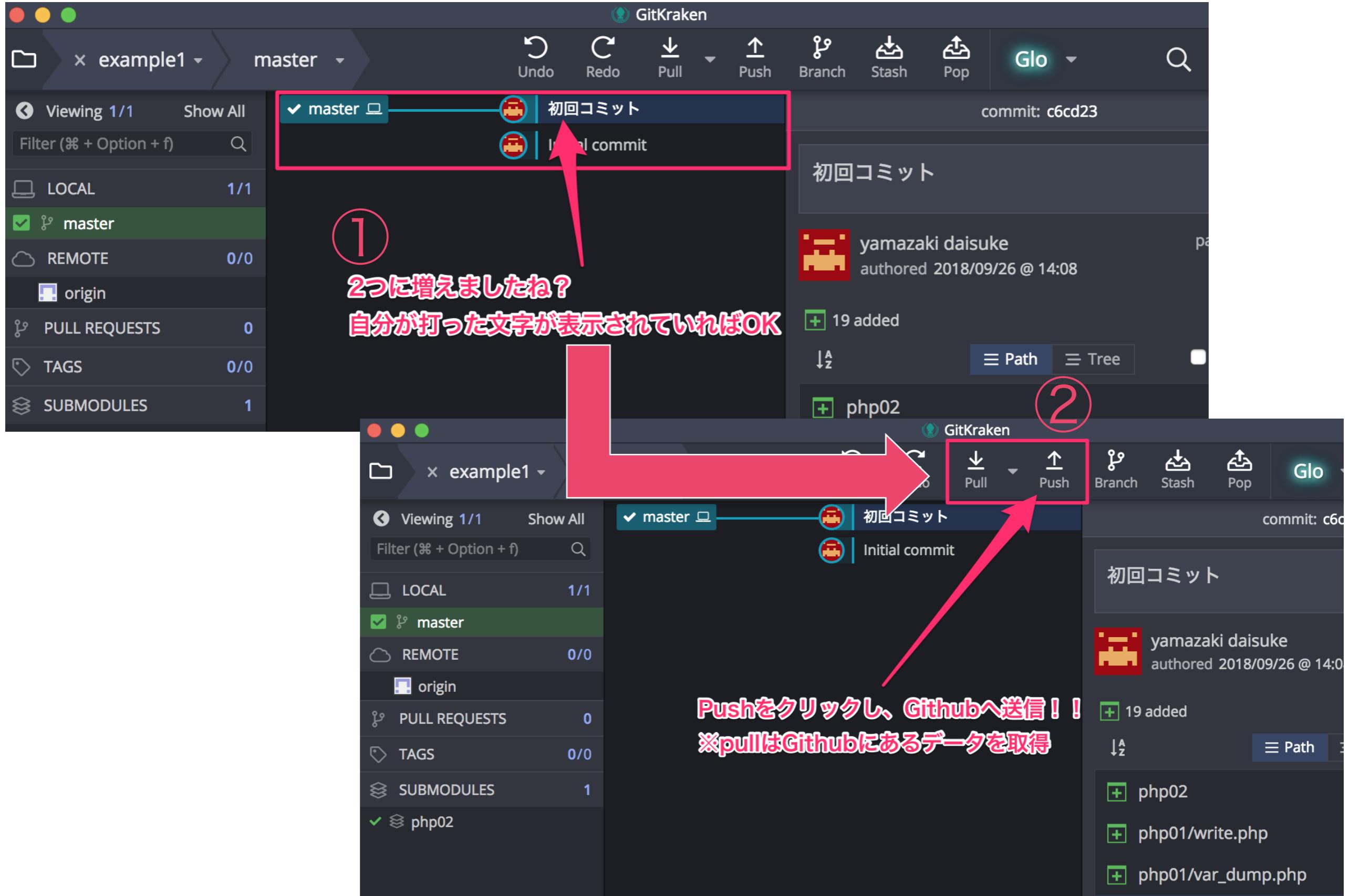
① [Stage All changes] をクリック

「Stage All changes」をクリックすると、追加・更新・削除されたファイルが「Stage」に上がります。
「Stage」の次に「Commit」処理があります。
「Stage ⇒ Commit」の2段階処理で履歴を残すことが可能になります。

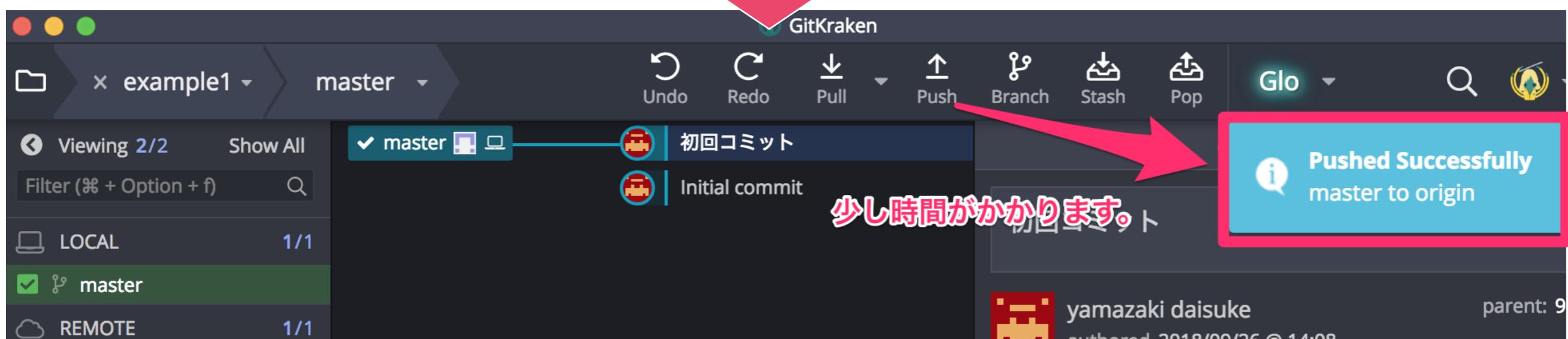
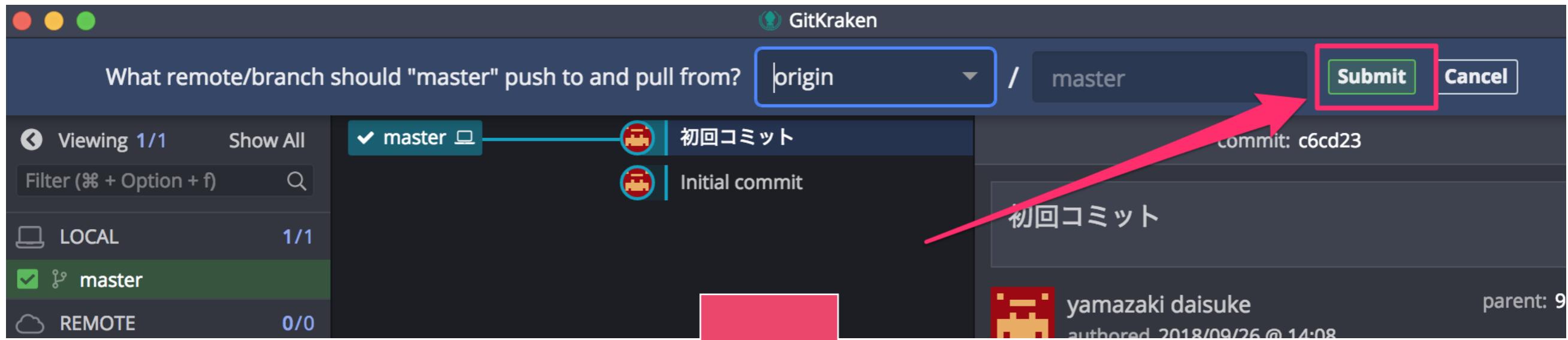
「Commit」処理をする



Githubに送信するため「Push」ボタンをクリック



「Submit」ボタンをクリック



「完了」アラートが表示

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

Githubのこのページをリロード (更新)

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

[Set up in Desktop](#) or [HTTPS](#) [SSH](#) https://github.com/yamazakidaisuke/gs_code.git

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

yamazakidaisuke / gs_code

[Unwatch](#) 1[Star](#) 0[Fork](#) 0

...or create a new rep

```
echo "# example1" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/yamazakidaisuke/gs_code.git
git push -u origin master
```

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

Description

練習

Website

Website for this repository (optional)

Save or Cancel

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 ▾

yamazakidaisuke 初回コミット

Latest commit c6cd23f 9 minutes ago

php01

初回コミット

9 minutes ago

php02

初回コミット

9 minutes ago

README.md

Initial commit

38 minutes ago

README.md

「リモートリポジトリにデータが上がりました。」

gs_code

この画面のURLをコピーしてURLを提出です！

The screenshot shows a GitHub repository page. At the top, the repository name is 'yamazakidaisuke / example1'. Below it, there are tabs for 'Code', 'Issues 0', 'Pull requests 0', 'Projects 0', 'Wiki', 'Insights', and 'Settings'. The 'Code' tab is selected. On the left, there's a 'Description' field containing '練習' and a 'Website' field with 'Website for this repository (optional)'. A 'Save' button is visible. Below this, there's a 'Manage topics' section with counts for '2 commits', '1 branch', '0 releases', and '1 contributor'. Underneath, there are buttons for 'Branch: master', 'New pull request', 'Create new file', 'Upload files', 'Find file', and a green 'Clone or download' button. A red box highlights the commit list table, which contains four rows:

| yamazakidaisuke | 初回コミット | Latest commit c6cd23f 9 minutes ago |
|-----------------|----------------|-------------------------------------|
| php01 | 初回コミット | 9 minutes ago |
| php02 | 初回コミット | 9 minutes ago |
| README.md | Initial commit | 38 minutes ago |

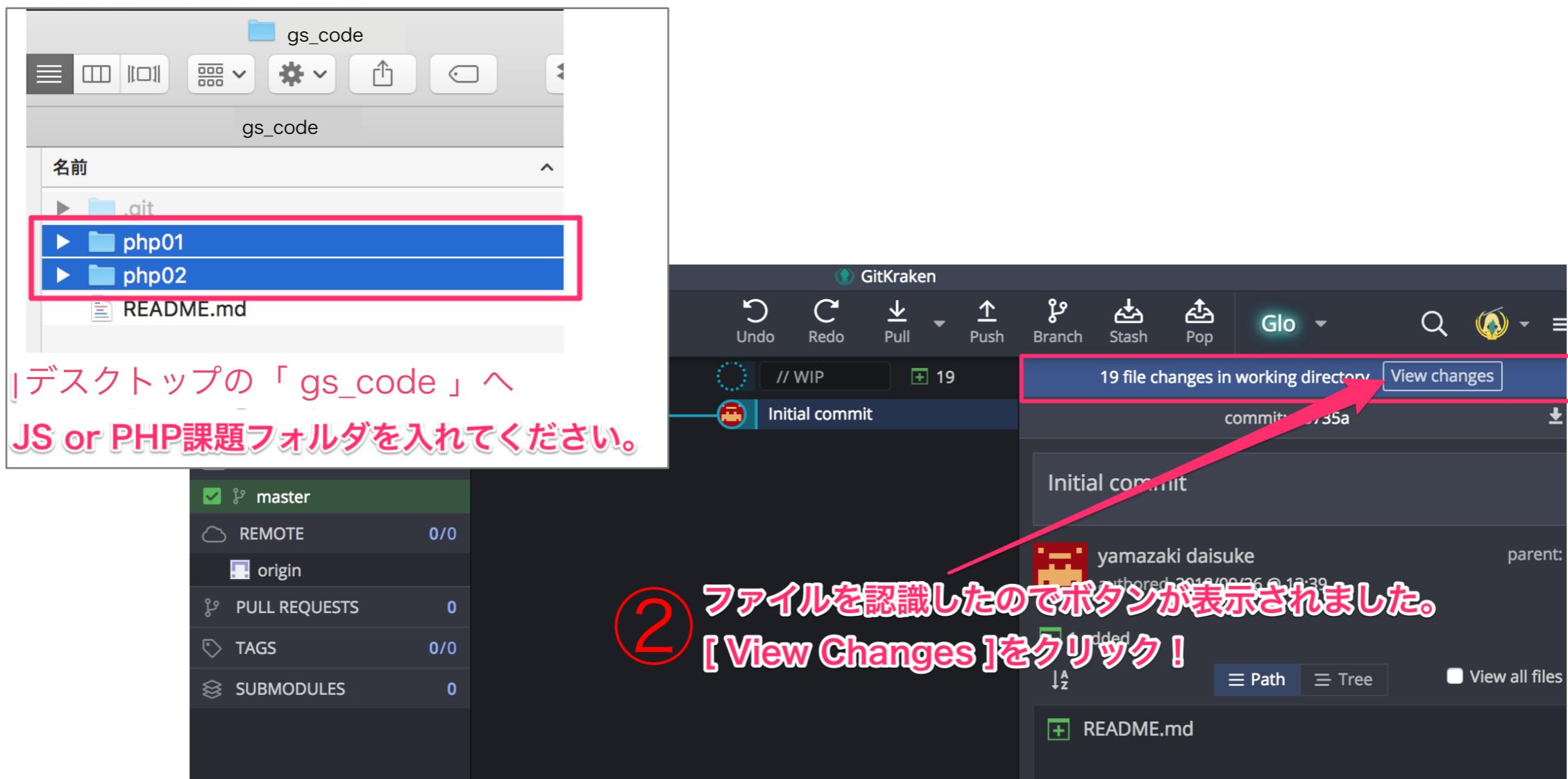
Below the commit table, there's a file viewer for 'README.md' showing the content 'example1'.

ここまでが一通りの流れです。

★提出のサイクルは簡単

一度設定すればフォルダにファイルを追加・更新すれば自動で認識します。
後は、Stage ⇒ Commit ⇒ push 操作を繰り返すだけです。

① 例)



他のGitHubユーザーをフォロー

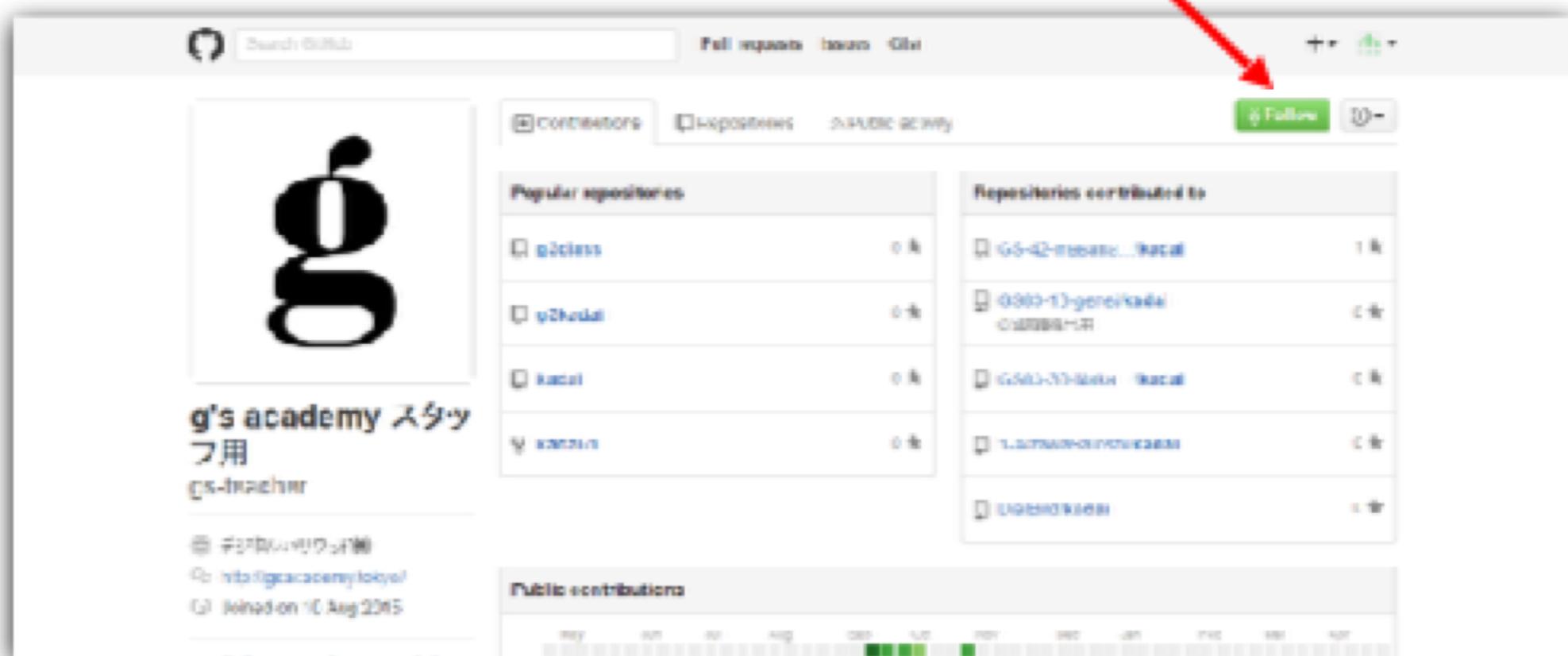
他のGitHubユーザーをフォロー

GitHub の [G's teacher](#) アカウントをフォロー

ブラウザで下記URLへアクセスする。

<https://github.com/gs-teacher>

「Follow」ボタンをクリック ボタン表示が「Unfollow」となれば完了



用語おさらい

リポジトリ

Gitによってバージョン管理を行う場所として指定した場所。

ローカルリポジトリ

ローカルPC内に置いたリポジトリ

リモートリポジトリ

サーバーに置いたリポジトリ

用語おさらい

コミット

ユーザーが変更の履歴を記録する作業。コミットを過去にさかのぼることができ、ファイルをコミット単位で戻すことができる。

プッシュ

ローカルリポジトリからリモートリポジトリへ変更履歴をアップロードする事。

クローン

リモートリポジトリをダウンロードするような作業のこと

参考リンク

サルでもわかるgit入門

<http://www.backlog.jp/git-guide/>

Six Apart ブログ

<https://blog.sixapart.jp/2014-03/mttips-02-what-is-git.html>