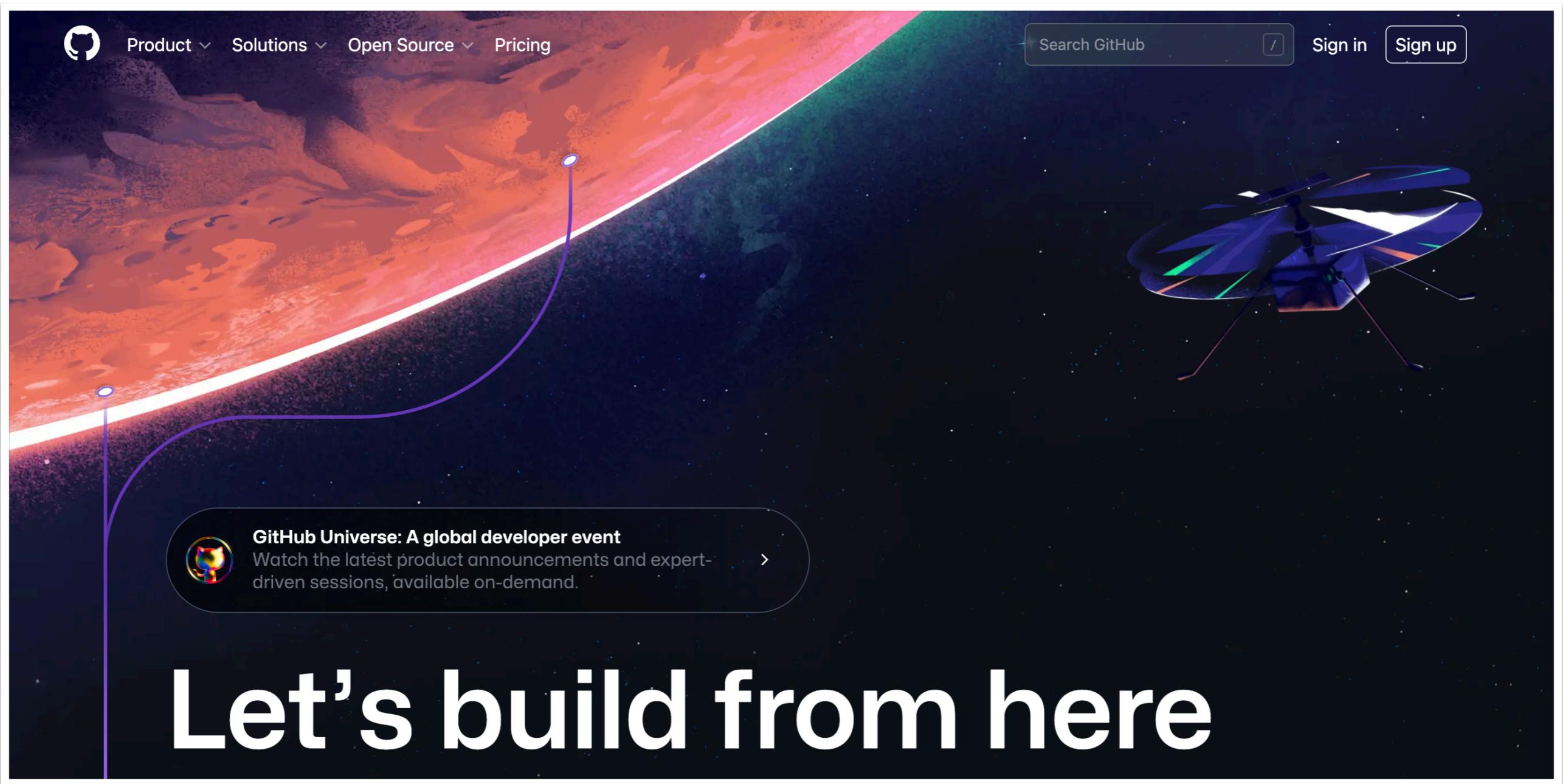


00 LEVEL - Grace's project

Exploring Wildlife



Lesson 1 - GitHub account



GitHub in short is a website, where you can create your remote repository. A repository is a magazine of your code and "remote" means that you can access it on any device, even from Japan.

Why we need this?

I can only say that I lost my diploma thesis 2 weeks before my final exams because my computer broke down.

50 pages.

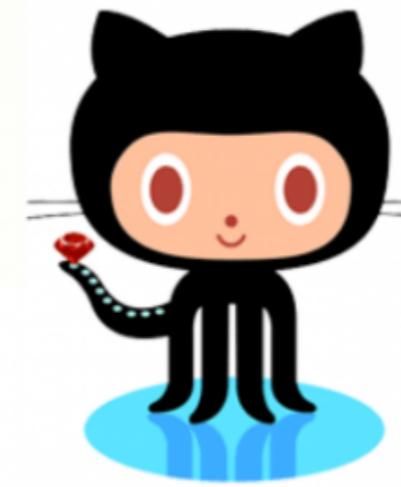
It hurts, and developers don't like to suffer. But even more, programmers don't like to do something twice. Do you like to do something twice?

There is more...

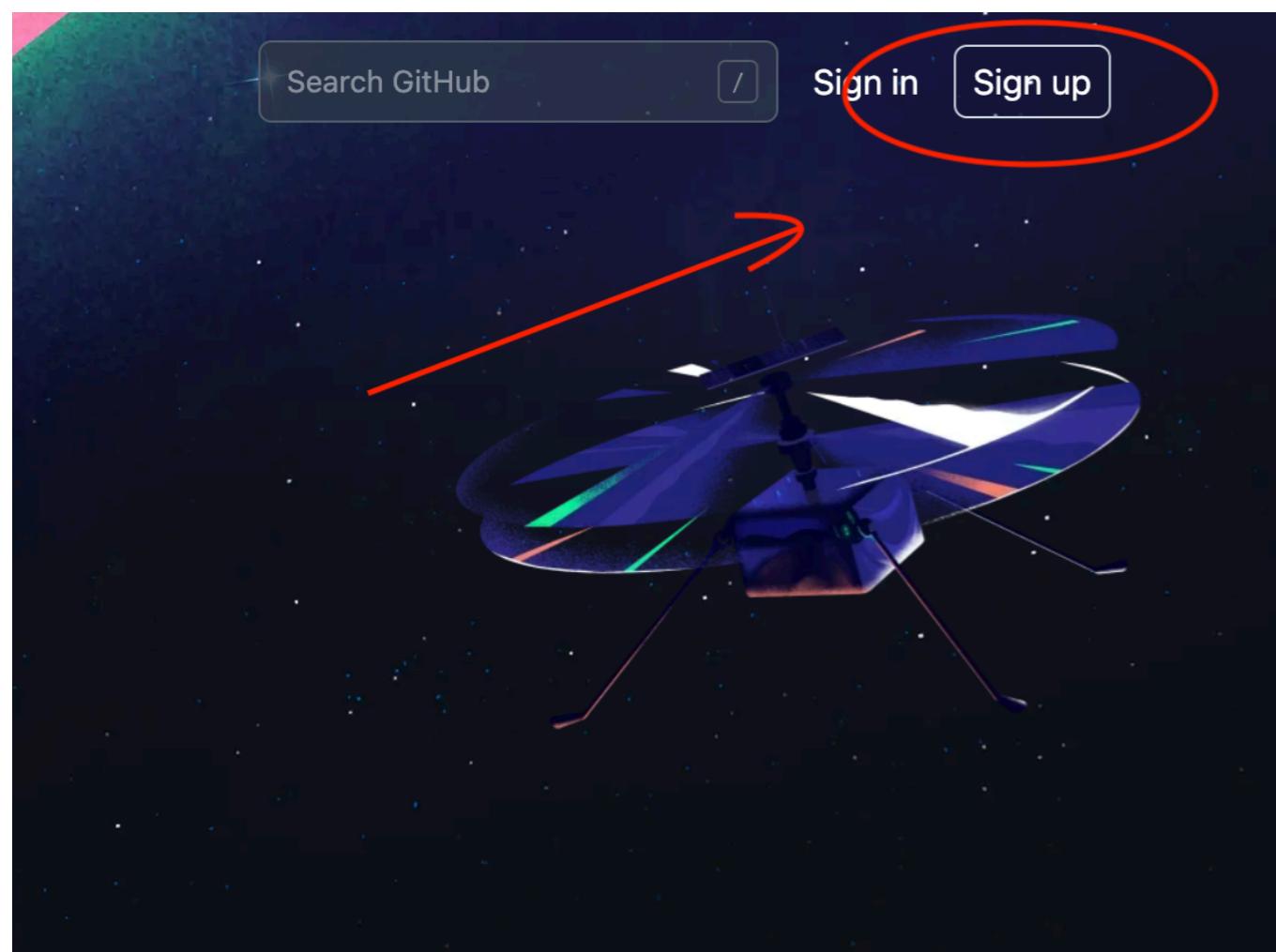
Thanks to the repository, you can access all previous versions of your code. So you can make several versions of the same program or website and choose which is better later.



git



GitHub



Welcome to GitHub!
Let's begin the adventure

Enter your email
✓ m.u.rutkowska@gmail.com

Create a password
✓
.....

Enter a username
✓ Mozaic123

Would you like to receive product updates and announcements via email?
Type "y" for yes or "n" for no
✓ n

Verify your account

Please solve this puzzle to verify that you are human
Click "Start puzzle" to continue

Start puzzle

How many team members will be working with you?

This will help us guide you to the tools that are best suited for your projects.

Just me 2 - 5 5 - 10
10 - 20 20 - 50 50+

Are you a student or teacher?

Student Teacher

Continue

Let's do this!

No more talking. Let's take some action!

- Go to: <https://github.com/>
- Click the “Sign up” button,
- Enter your email address, create a password, a username, and solve the puzzles,
- Click “create account”,
- Check your email and enter the verification code you received.

Almost done!!

You just need to add some information, see the picks ;)

What specific features are you interested in using?

Select all that apply so we can point you to the right GitHub plan.

Collaborative coding
CodeSpaces, Pull requests, Notifications, Code review, Code review assignments, Code owners, Draft pull requests, Protected branches, and more.

Automation and CI/CD
Actions, Packages, APIs, GitHub Pages, GitHub Marketplace, Webhooks, Hosted runners, Self-hosted runners, Secrets management, and more.

Security
Private repos, 2FA, Required reviews, Required status checks, Code scanning, Secret scanning, Dependency graph, Dependabot alerts, and more.

Client Apps
GitHub Mobile, GitHub CLI, and GitHub Desktop.

learn to ship software like a pro

GitHub gives students free access to the best developer tools so they can learn to ship software like a pro.

Free

- Unlimited public/private repositories
- 2,000 CI/CD minutes/month (Free for public repositories)
- 500MB of Packages storage (Free for public repositories)
- Community support

GitHub Pro

- Protect your branches (Ensure that collaborators can't push to branches.)
- Draft pull requests
- Pages and Wikis
- 3,000 CI/CD minutes (Free for public repositories)
- 2GB of Packages storage (Free for public repositories)
- Web-based support

GitHub Student Developer Kit

- Free access to the industry's best developer tools, including MongoDB, DataDog, Twilio, and more.

GitHub Campus Experience

- Enrich your college (Learn the skills to build developer mentorship, and support your campus community.)

Continue for free

Apply for your free GitHub Pro account

Skip personalization

First repository

Are you in?

Great!

Now, all we need to do is create a brand-new repository! This site is begging you to create your first repository (1).

You can also create a README file about yourself (2). It's a file, which will be added to every repo, you create. But let's focus on the repo now. Click one of the buttons (1)...

The screenshot shows the GitHub homepage with several UI elements highlighted by red circles and arrows:

- Step 1:** A red circle highlights the "Create repository" button in the top-left sidebar. A red arrow points from this circle to the "Create a new repository" button at the bottom of the central "Start a new repository" card.
- Step 2:** A red circle highlights the "Create" button in the "Introduce yourself with a profile README" card. A red arrow points from this circle to the "Create" button in the same card.

GitHub Dashboard Elements:

- Create your first project:** Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.
- Create repository:** A green button in the top-left sidebar.
- Import repository:** A link in the top-left sidebar.
- Recent activity:** A section showing recent actions with a note: "When you take actions across GitHub, we'll provide links to that activity here."
- Start writing code:** A button to start writing code.
- Start a new repository:** A card with a "Mozaic123 / name your new repository..." input field and "Public" and "Private" repository options. A red circle highlights the "Create a new repository" button at the bottom of this card.
- Introduce yourself with a profile README:** A card with a "Mozaic123 / README.md" input field and a "Create" button. A red circle highlights this "Create" button. Below it is a list of items:
 - 1 - 🌟 Hi, I'm @Mozaic123
 - 2 - 💬 I'm interested in ...
 - 3 - 🌱 I'm currently learning ...
 - 4 - ❤️ I'm looking to collaborate on ...
 - 5 - 📩 How to reach me ...
 - 6 -
- Universe 2022:** A card with the title "Universe 2022" and a "Watch now" button.
- GitHub Copilot:** A card with the title "GitHub Copilot" and a "Learn more about Copilot" button.
- Latest changes:** A section showing "Yesterday".

First repository

Fill out the form as in the picture ->
Good practice is not to use spaces
in folders'/files' names. You can use
camelStyle (big letter means new
word) or you can use “_” instead of
spaces e.g. kolbs_family.

Ignore the .gitignore file for now.
This is needed when you don't want
to track certain files in your project.
We can create it later if needed.
Click “Create repository” and...

V'ala!!!

Your first repository has been
created.

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 *

 Mozaic123 / kolbsFamily

Great repository names are short and memorable. Need inspiration? How about [upgraded-octo-disco?](#)

Description (optional)
My family's webpage

 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](#).

.gitignore template: None ▾

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

License: None ▾

This will set  main as the default branch. Change the default name in your [settings](#).

 You are creating a private repository in your personal account.

Create repository

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First repository

Well, it's official! You are a Developer :)

Now we need to clone your repo and do some magic in the “Black box” - terminal.
But that's in the next lesson. See you soon :)

The screenshot shows a GitHub repository page for 'Mozaic123/kolbsFamily'. The repository is private. The main navigation bar includes links for Pull requests, Issues, Marketplace, and Explore. Below the navigation is a secondary menu with Code, Issues, Pull requests, Actions, Projects, Security, Insights, and Settings. The 'Code' option is currently selected. The main content area displays the 'main' branch, which has 1 branch and 0 tags. A single commit is shown: 'Mozaic123 Initial commit' made 35 seconds ago. The commit message is 'Initial commit'. On the right side, there are sections for 'About', 'My family's webpage', 'Readme', '0 stars', '1 watching', '0 forks', 'Releases', and 'Packages'. At the bottom, there are links for GitHub's Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About.

Mozaic123 / kolbsFamily Private

Code Issues Pull requests Actions Projects Security Insights Settings

main 1 branch 0 tags Go to file Add file Code About

Mozaic123 Initial commit 122a655 35 seconds ago 1 commit

README.md Initial commit 35 seconds ago

README.md

kolbsFamily

My family's webpage

About My family's webpage

Readme

0 stars

1 watching

0 forks

Releases No releases published Create a new release

Packages No packages published Publish your first package

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