Gitpod

Ephemeral development environment in the container
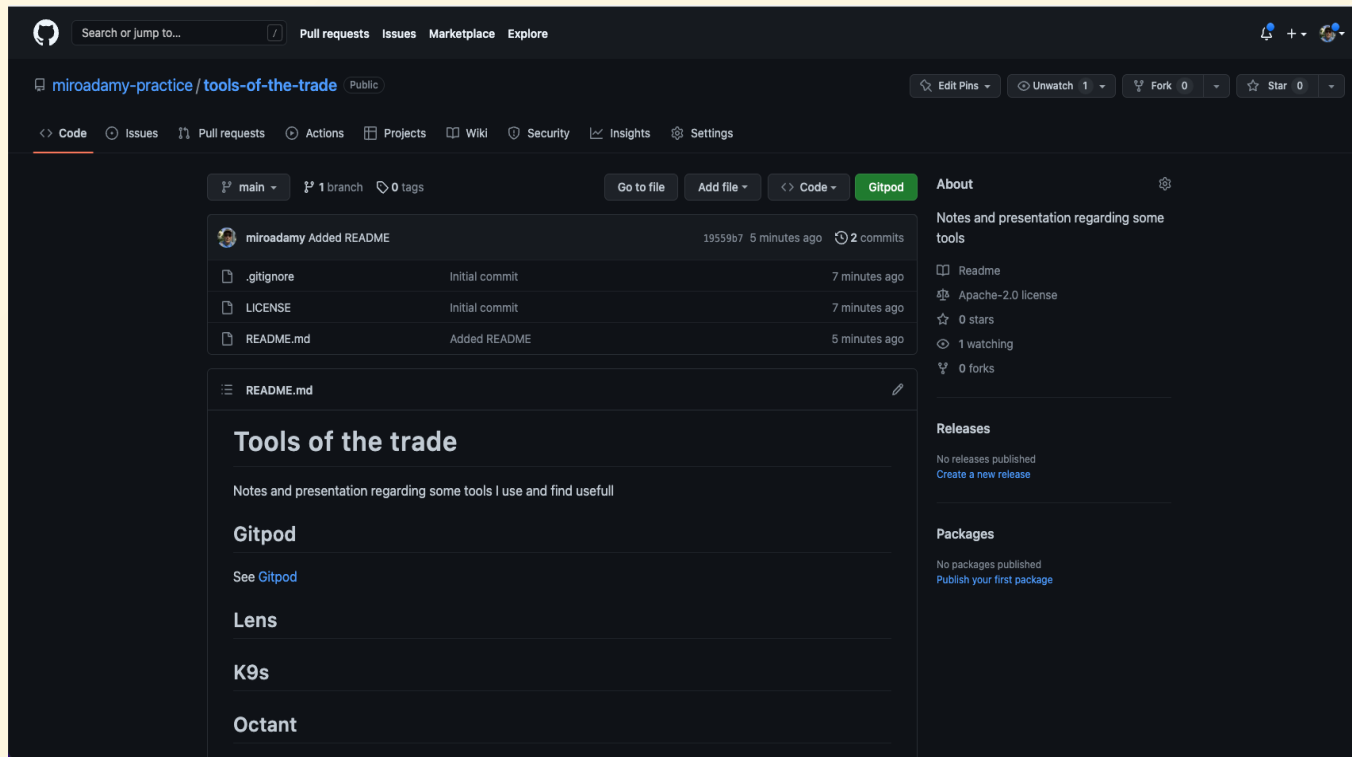
See https://www.gitpod.io/docs

To get started, install extension for Github, Bitbucket and Gitlab

Works with browser extension in any Chromium-based browser (Google Chrome, Microsoft Edge, Brave) or in Firefox

Open a workspace

Then open a repository in container from the browser:

Open a workspace - no plugin

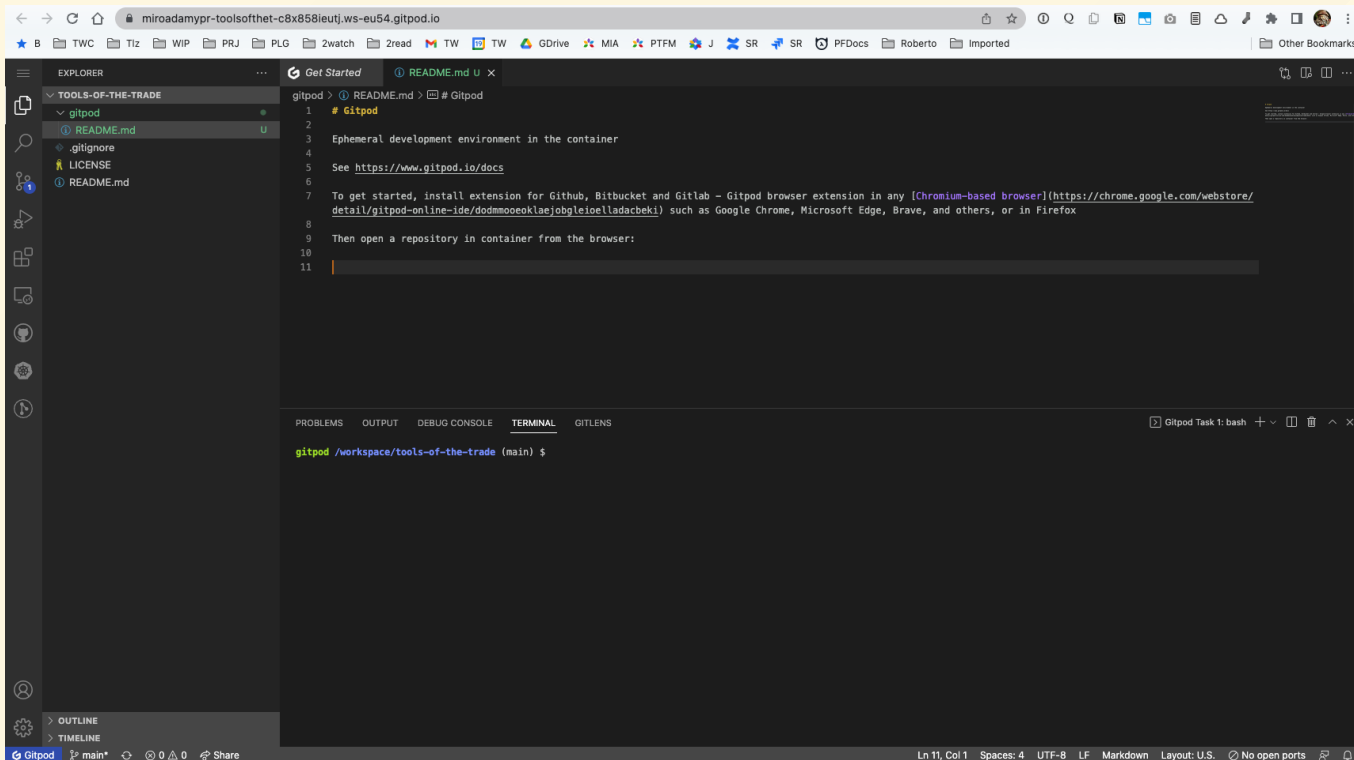Prefix URL with https://gitpod.io/#
Must be logged in both - BB and Gitpod
Use Web URL, not clone URL:

- OK : https://bitbucket.org/pivotree/oneclick-security/src/master/

- Not OK: https://miro-adamy-PVT@bitbucket.org/pivotree/oneclick-security.git

```
https://gitpod.io/#https://bitbucket.org/ pivotree/oneclick-
security/src/master/
```

Environment

It is essentially an Visual Studio Code in the cloud.

Its free(mium)

Plans

Manage account usage and billing.

Account

Notifications

Plans

Team Plans

Variables

SSH Keys

Integrations

Preferences

You are currently using the **Open Source** plan.
Upgrade your plan to get more hours and more
parallel workspaces.

Remaining hours: 38.8

€ / **$**

OPEN SOURCE ⊙	PERSONAL	PROFESSIONAL	UNLEASHED
OPEN SOURCE			
50	**100**	**unlimited**	**unlimited**
hours	**hours**	**hours**	**hours**
✓ Public & Private Repositor...	← Everything in Open Source	← Everything in Personal	← Everything in Professional
✓ 4 Parallel Workspaces		✓ 8 Parallel Workspaces	✓ 16 Parallel Workspaces
✓ 30 min Inactivity Timeout		✓ Teams	✓ 1h Inactivity Timeout
			✓ 3h Timeout Boost
FREE	**€8 per month**	**€23 per month**	**€35 per month**
Current Plan	Upgrade	Upgrade	Upgrade

ⓘ If you are interested in purchasing a plan for a team, purchase a Team plan with
one centralized billing. Learn more

Workspaces

- your own source code copy in container
- can have multiple, even parallel (plan)
- can be shared, downloaded, snapshot
- co-development
- only FS under `/workspace` is preserved between runs

Configuration

- can install packages - even sudo

- access to Docker and Dockercompose

- `gitpod/worspace-full` and `gitpod/workspace-base`

- lang-c,lang-clojure, lang-go:1.17.5, lang-java:11

- lang-node:16.13.2

- lang-python, lang-ruby:2.7, lang-rust

- tool-brew, tool-nginx, tool-nix:2.3.14

Variables

Available to one or more containers

Automation

`.gitpod.yml` - runs on workspace creation / restart

```
G  .gitpod.yml > [ ] tasks > { } 0 > abc name
         Gitpod Configuration (gitpod-schema.json) | Miro Adamy, 14 hours ago | 1 author (Miro Adamy)
  1      # List the start up tasks. Learn more https://www.gitpod.io/docs/config-start-tasks/
  2      tasks:
  3        - name: Dev          Miro Adamy, 14 hours ago • Demo app with npm …
  4          before: |
  5            npm version
  6            node --version
  7          init: |
  8            cd demo-app
  9            npm install
 10            gp sync-done npm-inst
 11          command: echo 'Ready to develop'
 12        - name: Server
 13          before: |
 14            npm version
 15            node --version
 16          init: echo 'waiting init' && gp sync-await npm-inst
 17          command: |
 18            cd demo-app
 19            npm start
 20
 21      # List the ports to expose. Learn more https://www.gitpod.io/docs/config-ports/
 22      ports:
 23        - port: 3000
 24          onOpen: open-preview
```