

Fasten is an open-source, self-hosted, personal/family electronic medical record aggregator, designed to integrate with 1000's of insurances/hospitals/clinics

The key features of Fasten are

- self-hosted/offline - this is my medical history, I'm not willing to give it to some random multinational corporation to data-mine and sell
- It should aggregate my data from multiple healthcare providers (insurance companies, hospital networks, clinics, labs) across multiple industries (vision, dental, medical) -- all in one dashboard
- automatic - it should pull my EMR (electronic medical record) directly from my insurance provider/clinic/hospital network - I don't want to scan/OCR physical documents (unless I have to)
- open source - the code should be available for contributions & auditing

The given Repo of Fasten only contains installation of the required libraries in Mac. Being a windows user I tried to install docker for windows desktop, Go language and it still didn't work using multiple coderunners. So, I tried my best to understand what fasten is and all of its related applications.

There are 2 flavors of Fasten:

ghcr.io/fastenhealth/fasten-onprem:sandbox - This version only allows you to connect to a handful of Healthcare providers, using Sandbox accounts that are meant for testing, and contain synthetic(fake) data to give you an idea what Fasten will look like, without requiring personal medical information.

ghcr.io/fastenhealth/fasten-onprem:main - This version allows you to connect to 650+ different Healthcare providers, using your existing accounts. It will allow you to connect and retrieve your personal electronic medical record and store it within Fasten.

Fasten uses a docker file to run it's website on a remote local server. For that we use the docker pull ghcr.io/fastenhealth/fasten-onprem:main

docker run --rm -p 9090:8080 ghcr.io/fastenhealth/fasten-onprem:main commands.

With the help of the above 2 commands we basically create a docker container file to start the website.

Next we have to open the link <http://localhost:9090> in our browser to navigate through the Fasten page.

After that the user has to login to the portal and upload his/her medical history carefully.

The given repo contains the front-end, back-end and main codes of the website through which we can run all the simulations we want from the website.

The main languages used are Typescript, HTML, Docker, Go and JavaScript.