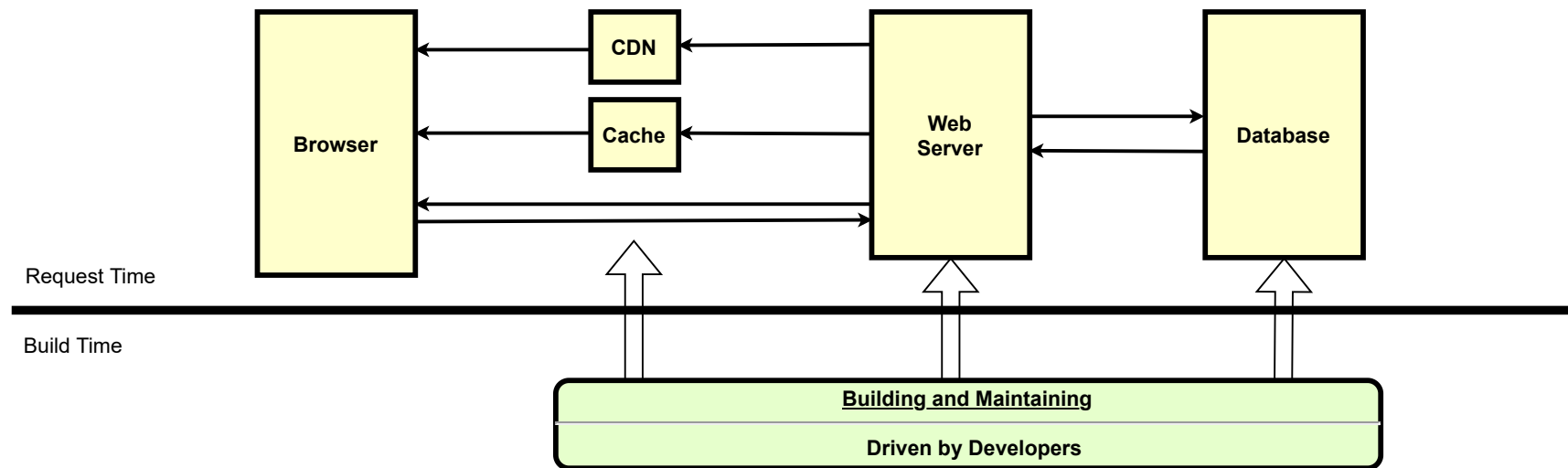
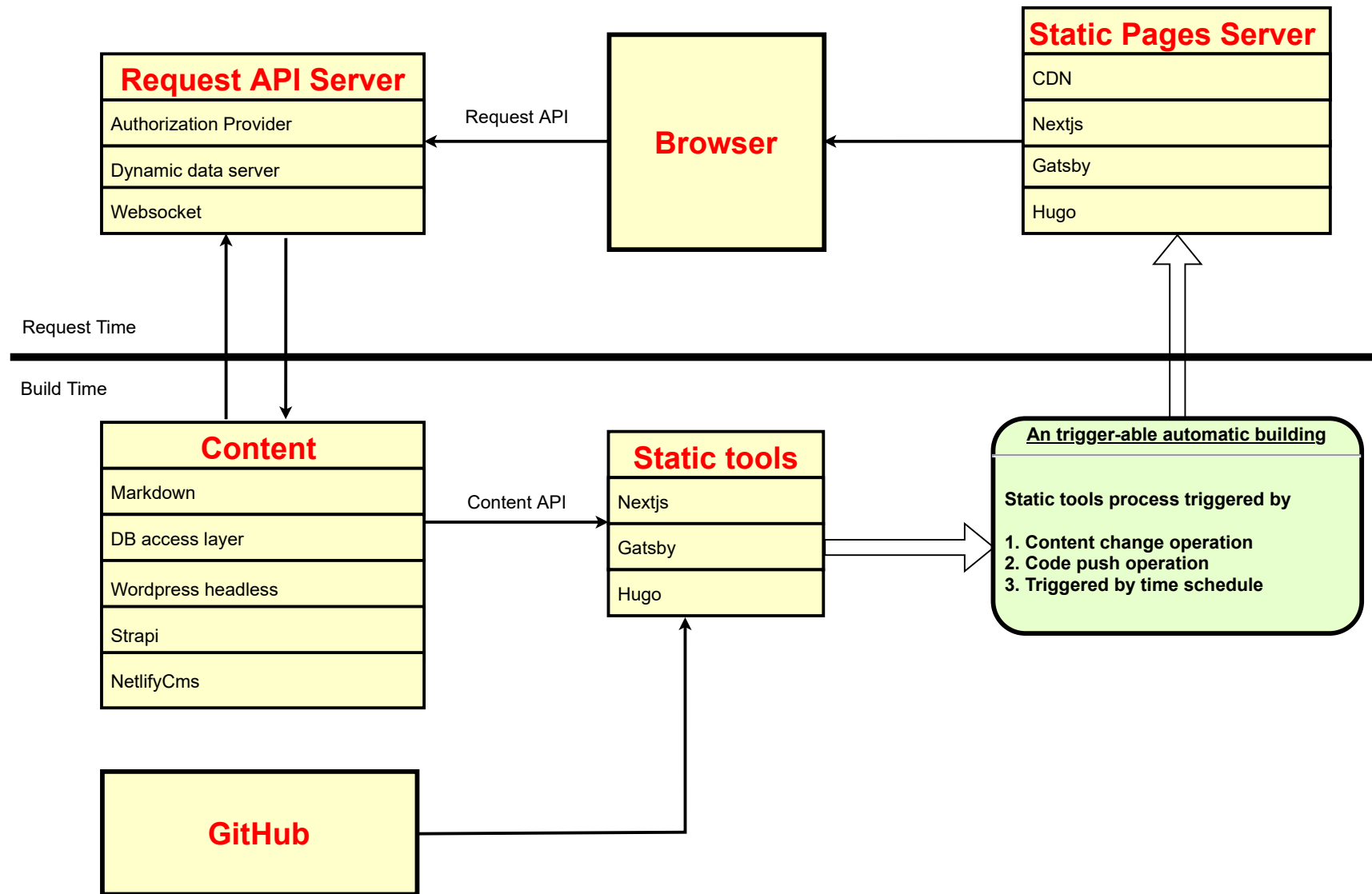


## Traditional monolithic web server



# Jamstack



## Why:

1. Reduce cost
  - a. Simplified Workflow and improve work efficiency
  - b. Reduce cloud server resource
2. Improve business
  - a. Improve SEO
  - b. Improve social media sharing and other Marketing aims
  - c. Develop useful tools and systems
  - d. Update and publish content quickly and easily
  - e. Highly reliable online service

## How:

Jamstack architecture - not only for staying to update, but using it to improve our work.

## Pros

### 1. Safe

- a. Most of the content is served as static files and deployed in CDN or a static server. Servers don't render pages, It's hard to hack.
- b. Not like wordpress need to patch and update as time, the cms headless hide in local environment and don't need to expose server to outside

### 2. Fast

- a. The static pages server doesn't need much CPU resource, just outputs the IO stream to the browser. If the whole website is static and put the static files on website will have the highest availability
- b. The api server (dynamic server) is separated from other server, which is more scalable and easy to optimize

### 3. Agile

- a. Once a react component was created once for some pages, used everywhere. Improve the development speed.
- b. CI/CD improve the workflow

## Cons

- 1. When developing a website, need to think about how to make the content static
- 2. There is a delay to get the new content after updating it.