Integrate your Symfony application with your Cloud Infrastructure using the Symfony Messenger

About me 👨‍💻

- French engineering student

- Technical manager @ Junior ISEP

- Intern Full Stack Software engineer @ Birdie

- Passionate about web, mobile and more!

The challenge

- PHP is a synchronous language

- It's difficult to execute things outside of a request / response context

- Slow running processes directly affect user experience

The challenge

- Call to a 3rd party API

- Big processing after a user interaction

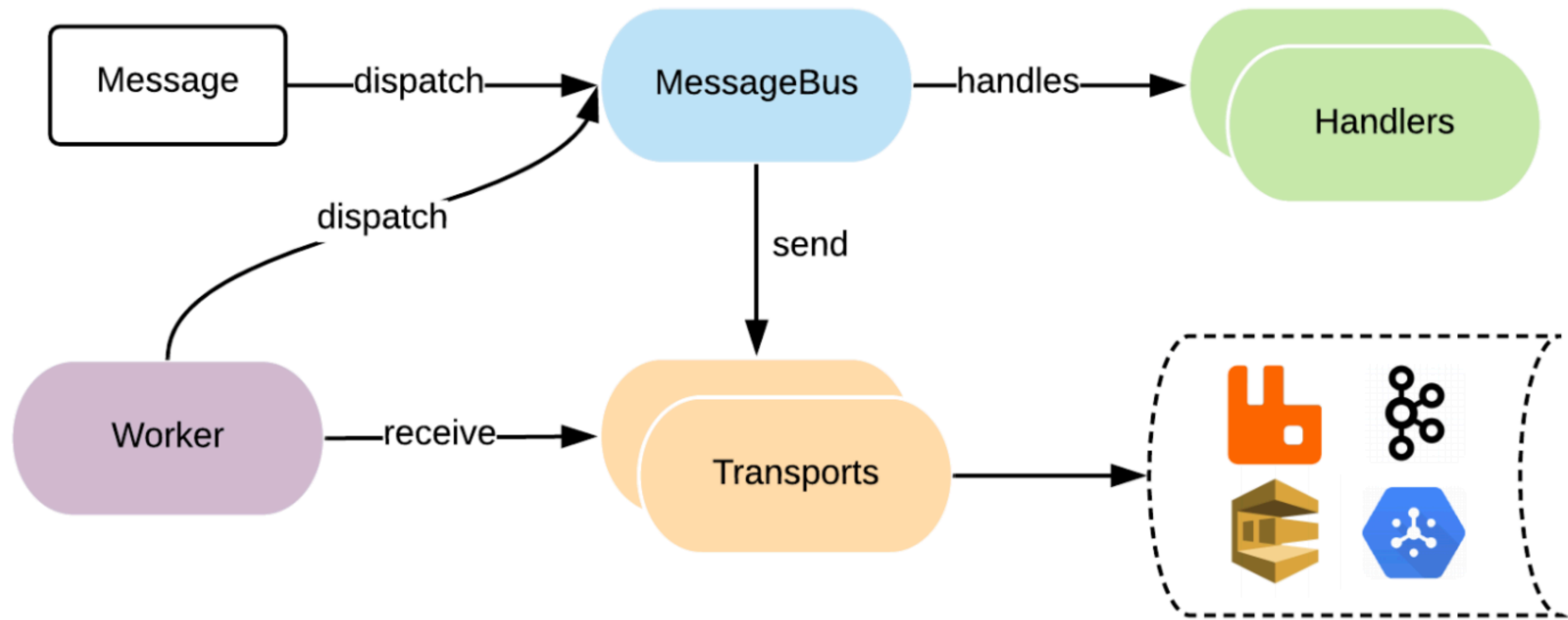- Sending an email or an SMS

- ...

Quick example

A solution: Asynchronous operations

Aka postponing **("I'll just do it later 🤷‍♂️")**

Quick questions

- Who has worked with IaaS before?
  (AWS, GCP, Azure, Heroku, …)

- Who has heard of the Symfony Messenger?

- Who has worked with the Symfony Messenger?
  (side project or production)

Recap on the Symfony Messenger

It's (small) demo time!

Recap

- Receive an API call

- Send an message through the Symfony Messenger to RabbitMQ

- Respond **now** to the client

- Handle the message later (either with the console or with another service)

The benefits

- Separate the work between different components / services of your application

- Multiple languages in your project

- Asynchronous operations for heavy duty (or long-running processes)

Thanks!

Questions?