README

A brief description of our project

Sebastien LEONCE   Alexis DA COSTA

2022-04-24

1   Architecture

`Docker CI/CD` `failing`

1.1   How to run it ?

1.1.1   Running tests

`yarn test`

1.1.2   Running in dev environment

`yarn dev`

1.1.3   Running in prod environment

`yarn prod`

1.2   List of services

1.2.1   Local

- **grafana** : https://grafana.localhost - *Metrics observability dashboard*
- **prometheus** : https://prometheus.localhost - *System monitoring and alerting*
- **blog-api** : https://api.localhost - API for blog management
- **notification-sender-ms** : https://api.localhost/docs - *Microservice for sending notifications, using Cloudmailme for mail sending*
- **cadvisor** : https://cadvisor.localhost - *Usage resources monitoring*
- **traefik** : https://traefik.localhost - *Edge router to publish microservices*
- **db-ui** : https://db-ui.localhost - *Database management UI*
- **blog-mf** : https://localhost - *Blog microfrontend*
- **rabbitmq** : https://rabbitmq.localhost - *RabbitMQ management UI*

- **sonarqube** : https://sonarqube.localhost - *Code quality monitoring and analysis*
- **loki** - *Logging service used on a grafana dashboard.*
- **promtail** - *Logging service need by Loki for grafana dashboard.* ### Production
- **grafana** : https://grafana.architecture.sleonce.dev - *Metrics observability dashboard*
- **prometheus** : https://prometheus.architecture.sleonce.dev - *System monitoring and alerting*
- **blog-api** : https://api.architecture.sleonce.dev - API for blog management
- **notification-sender-ms** : https://api.architecture.sleonce.dev/docs - *Microservice for sending notifications*
- **cadvisor** : https://cadvisor.architecture.sleonce.dev - *Usage resources monitoring*
- **traefik** : https://traefik.architecture.sleonce.dev - *Edge router to publish microservices*
- **db-ui** : https://db-ui.architecture.sleonce.dev - *Database management UI*
- **blog-mf** : https://architecture.sleonce.dev - *Blog microfrontend*
- **rabbitmq** : https://rabbitmq.architecture.sleonce.dev - *RabbitMQ management UI*
- **sonarqube** : https://sonarqube.architecture.sleonce.dev - *Code quality monitoring and analysis*
- **loki** - *Logging service used on a grafana dashboard.*
- **promtail** - *Logging service need by Loki for grafana dashboard.*

1.3 API documentation

- Swagger UI blog-api on dev environment
- Swagger UI blog-api on production environment