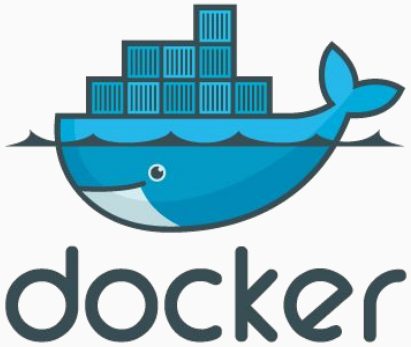
Avance

Grupo 2

Arquitectura basada en microservicios

- **Load balancers**
- **Micro-frameworks**
- **Containers**

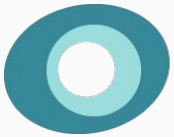


Extra

- Continuous Integration
- Code static analysis
- Monitoring
- DockerHub automatic build

Travis CI

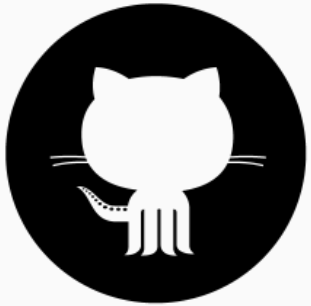
CODE CLIMATE



New Relic®

Principales componentes

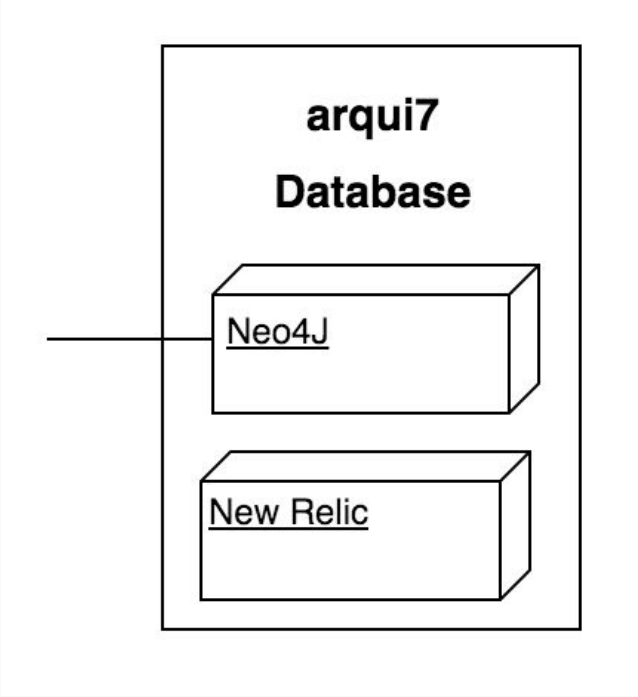
- Database
- API
- GUI
- new-getter
- Analyzer



github.com/IIC2173-2015-2-Grupo2

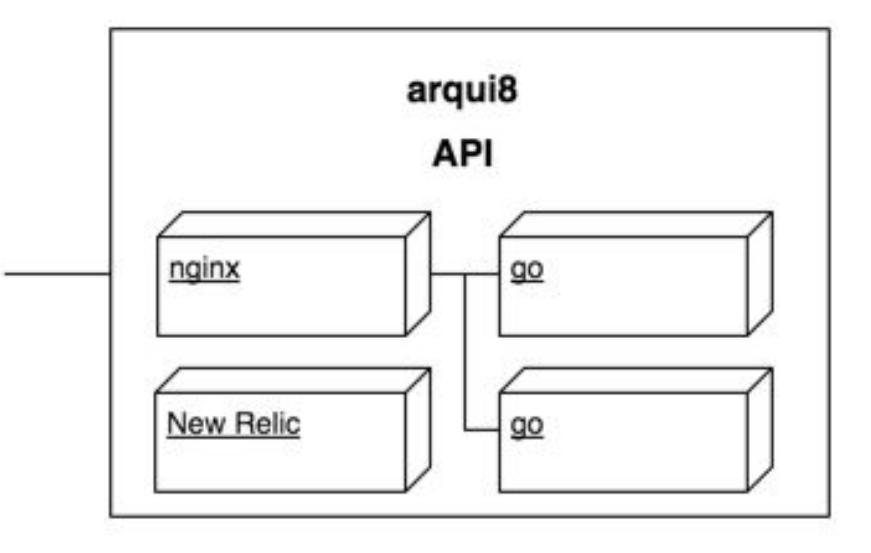
https://hub.docker.com/u/iic2173grupo2/

Database



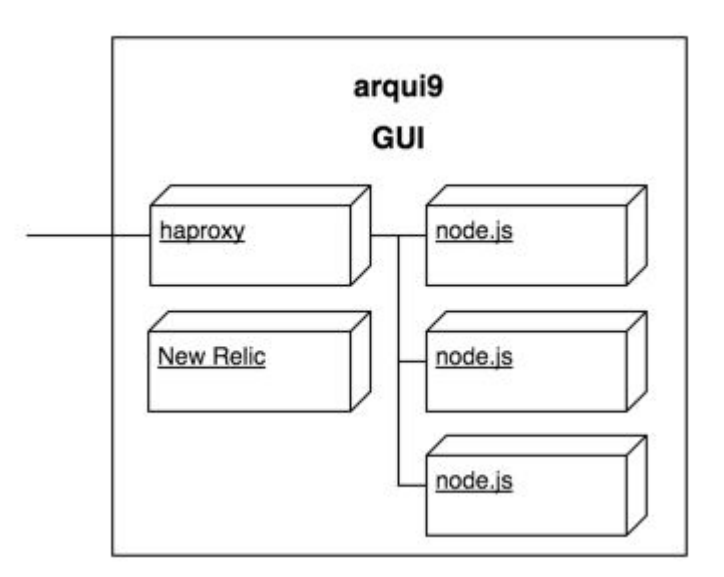
- Neo4j
  - Basic Auth
    - User
    - Password
- New Relic
  - Server monitoring

Newsify API



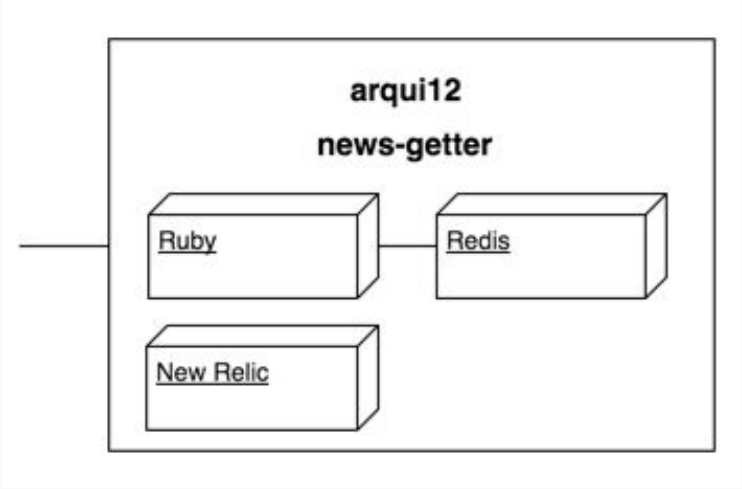
- nginx
  - Complex load balancer
- go
  - gin mini-framework
  - CORS enabled
  - OAuth2 - Access Token
    - JSON Web Token (JWT)
- Google Analytics
- New Relic
  - Server monitoring

Newsify GUI



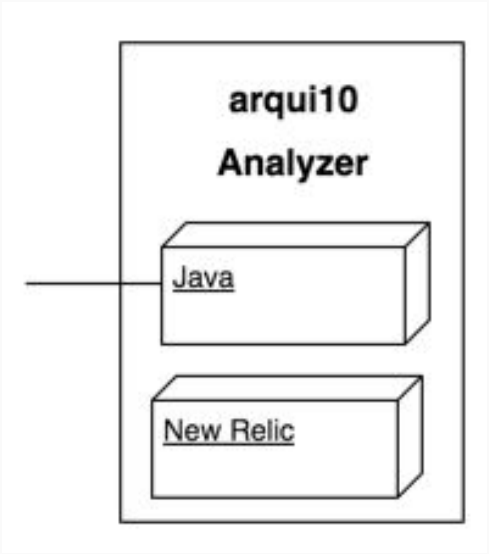
- HAProxy
  - Simple load balancer
- Node.js
  - Express.js
  - AngularJS
- New Relic
  - Server monitoring

news-getter



- Ruby
  - Sinatra mini-framework
- Redis
  - Key-value database
- New Relic
  - Server monitoring

Analyzer



- Java
  - Spark framework
  - Maven dependency mechanism
  - Jersey framework
- New Relic
  - Server monitoring

Avance

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