RÉPUBLIQUE FRANÇAISE
Liberté
Égalité
Fraternité

DIRECTION GÉNÉRALE DES FINANCES PUBLIQUES

SharedAgenda

Votre agenda dans le Cloud!

Introduction

Problématique

Introduction

Problématique

- Stockage distant

Introduction

Problématique

- Stockage distant
- Accéder partout

Introduction

Problématique

- Stockage distant
- Accéder partout
- Collaborer

Introduction

Solution

Introduction

Solution

- Un Agenda centralisé

Introduction

Solution

- Un Agenda centralisé
- Accessible partout avec une connexion internet

Introduction

Solution

- Un Agenda centralisé
- Accessible partout avec une connexion internet
- Sécurisé

Introduction

Architecture Serveur

[1]All SVGs are under CC0 from SVGRepo unless stated otherwise

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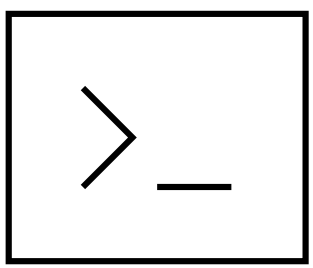
Introduction

Architecture Client

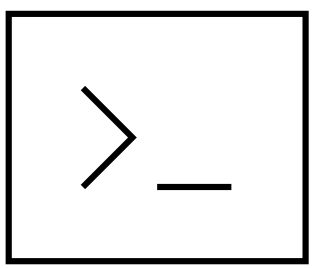
Introduction

Architecture Client



Introduction

Architecture Client



Introduction

Infrastructure (V1)

Introduction

Infrastructure (V2)

Serveur

Choix Techniques

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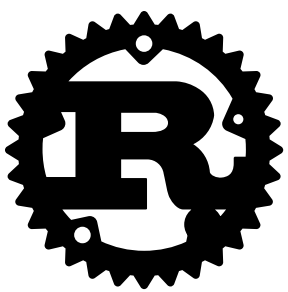
Serveur

Choix Techniques



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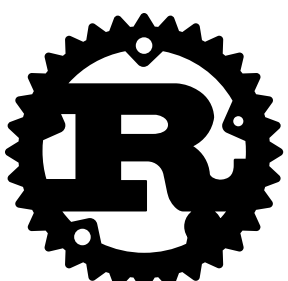
Serveur

Choix Techniques



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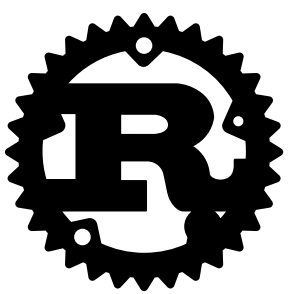
Serveur

Choix Techniques



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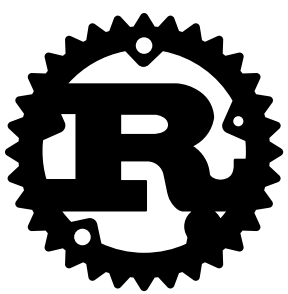
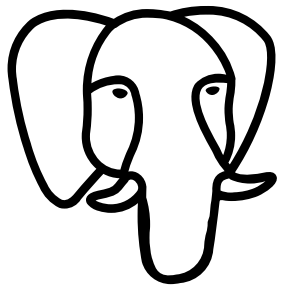
Serveur

Choix Techniques



[1]



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Serveur

Implémentation

Serveur

Implémentation

- Transactions BDD

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Implémentation

- Transactions BDD
- API Asynchrone

Serveur

Implémentation

- Transactions BDD
- API Asynchrone
- Codes de retour (ex: 200 OK, 401 Token Expired)

Serveur

Implémentation

- Transactions BDD
- API Asynchrone
- Codes de retour (ex: 200 OK, 401 Token Expired)
- TTL des Tokens: 24h

Serveur

- Fonctions génériques

```rust
pub async fn query<T: QueriedData>(self, sql: &str, args: &[&(dyn ToSql + Sync)]) -> Vec<T> {
    let mut res: Vec<T> = vec![];
    match self.connection.query(sql, args).await {
        Ok(rows) => {
            for row in rows {
                if row.len() < T::len() {
                    continue;
                }
                res.push(T::create_from_row(&row))
            }
        }
        Err(e) => {
            println!("Error while reading database: {e}");
        }
    }
    res
}
```

Client (CLI/REPL)

Choix Techniques

Client (CLI/REPL)

Implémentation

Client (CLI/REPL)

Démonstration