Fintech Inversiones

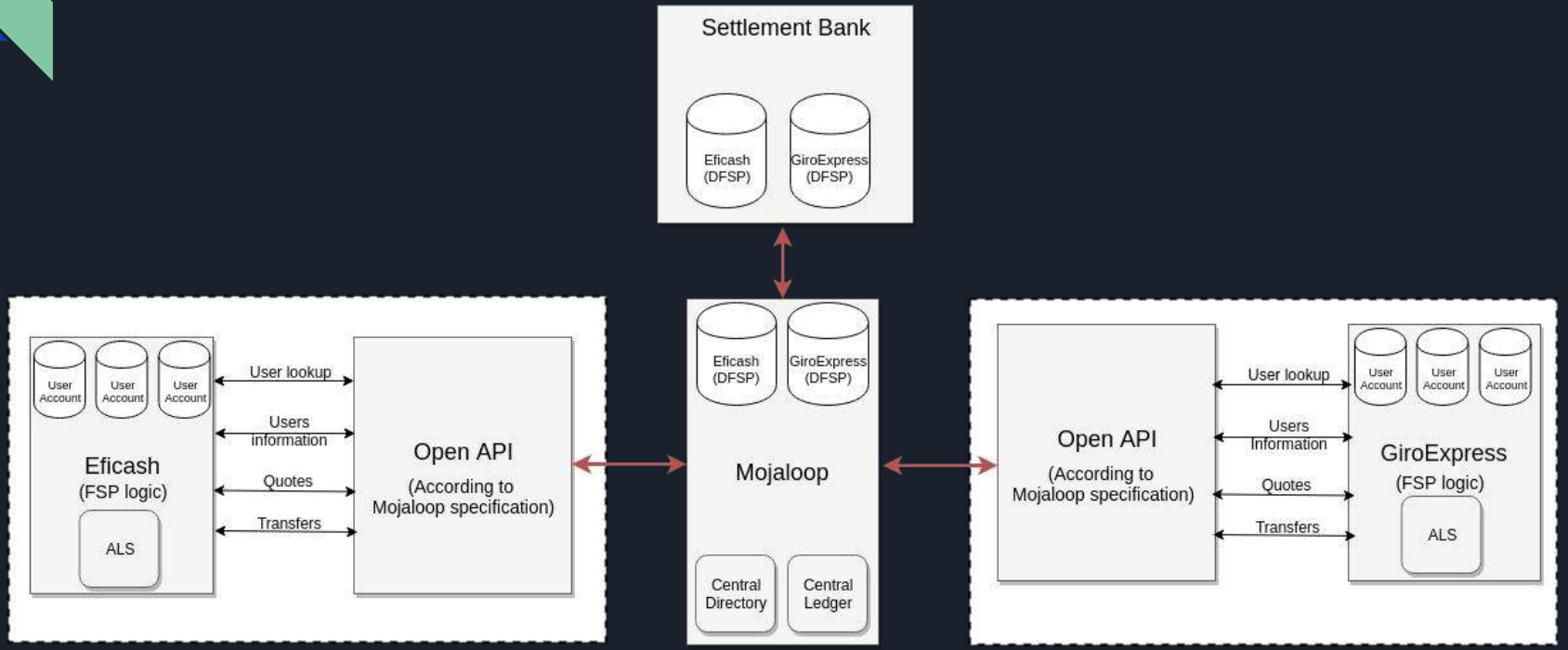
Lab Updates

Mojaloop PI6 - Johannesburg, April 2019

Lab approach

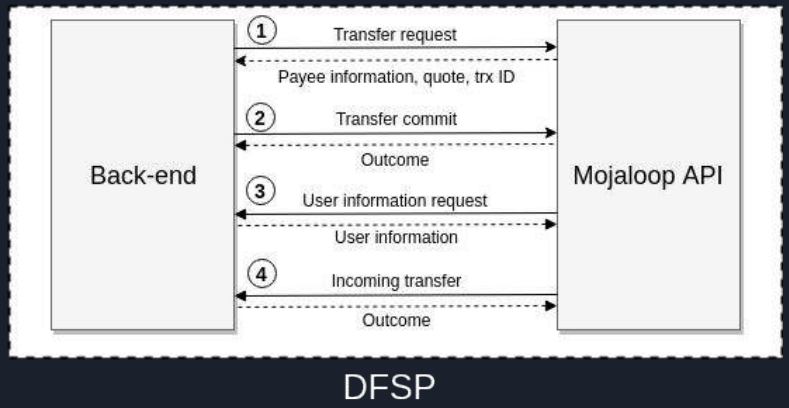
- Onboarding
  - Understanding of the project
  - Ease the process for newcomers
- Documentation (Wiki)
  - Logging of followed steps, changes, results
  - Community: participants, implementations
  - Latest OSS updates & overall status
- Implementation
  - Prototype between two own FSPs (Mojaloop as-is)
- DevOps
  - Infrastructure requirements
  - Required efforts to maintain the platform
- Community involvement
  - Documentation team

Prototype


Settlement Bank
Eficash (DFSP)
GiroExpress (DFSP)
User Account
User Account
User Account
Eficash
(FSP logic)
ALS
User lookup
Users information
Quotes
Transfers
Open API
(According to Mojaloop specification)
Eficash (DFSP)
GiroExpress (DFSP)
Mojaloop
Central Directory
Central Ledger
Open API
(According to Mojaloop specification)
User lookup
Users Information
Quotes
Transfers
User Account
User Account
User Account
GiroExpress
(FSP logic)
ALS
EFICASH
Identifier: Account number (non-unique in country context)
Fixed amount fee
Mobile App & OTC
GIRO EXPRESS
Identifier: National ID (unique in country context)
Fixed percentage fee
Only OTC

Prototype

Endpoints between FSP back-end and Mojaloop API



- Each FSP working on required changes on their own side (DB, front-end, endpoints, etc)
- Mojaloop API written in Java
- Successful path Postman collection for onboarding and P2P use case
- Mojaloop Hub as-is until real application is determined

Infrastructure/DevOps

Two different deployments of Mojaloop

Minikube *(Production)*

Rancher *(DevOps)*

- Both on-prem
- Both with the last and same version of the Helm charts
- Rancher server with poor performance because of setup (in-progress)
- Budget-related decisions

Community involvement

- Documentation team
  - Discussions
  - Reviews
  - Wiki
- Third convening presence
  - Lab updates
  - South America overview
- Great support from the OSS team
  - From the beginning we always had quick and detailed responses and support of both technical and conceptual questions

Thank you!

Adolfo Ríos

arios@fintechinversiones.com.py

(Also in the Slack channels)