

Description of the OpenMaas service package

OpenMaaS -portal

- Login / Registration
- Account Management
- Payment card management
- API key management
- Statistics / Reports

API

- query:
 - availableTickets
 - regions
 - types (single, day, period etc...)
 - customerCategories (adult / child / student etc...)
- orderTicket:
 - ticketData
 - region
 - validity
 - signature

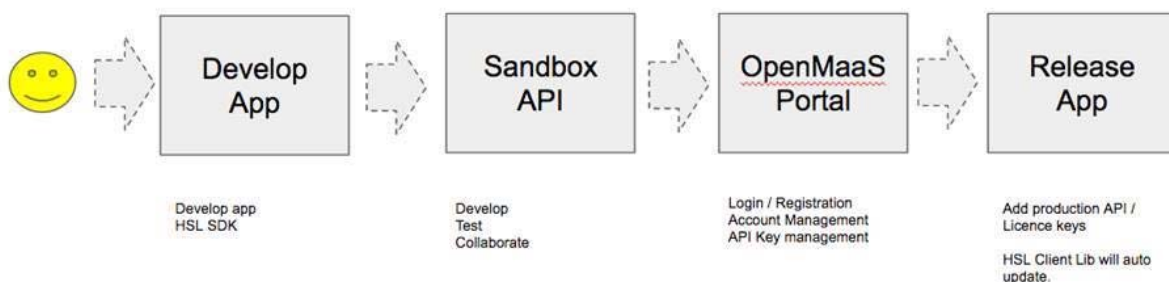
ClientLibrary

- Visualizes ticketData
- ReactNative, embeddable view

Timetable

- 19 Feb 2018 API-Docs and Sandbox API at <https://sales-api.hsl.fi>
- 12 March 2018 ClientLibrary
- 2 April 2018 OpenMaaS Portal and OpenMaaS production API

MaaS-provider enrollment

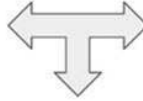


System Components



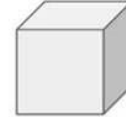
Client Library / SDK

- Visualizes ticket API data
- Data Verification
- QR - codes for inspect
- Autoupdating



OpenMaaS API

- Query available tickets and options
- Ticket Ordering
- Ticket Delivery
- Sandbox API for development



OpenMaaS Portal

- Enrollment
- Account management
- Payments
- API - management
- Statistics / Reports

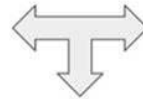
Architecture



Client App

React Native SDK

Ticket Ordering
Ticket Delivery



OpenMaaS API

- Query available tickets and options
- Ticket Ordering
- Ticket Delivery
- Sandbox API for development

Payments
Backend
integration



HSL Backend

- Ticket Generation
- Signing

Ticket order / delivery

