Liferay
Boot Camp 2021
Digital Edition

Going headless without losing your OpenAPI

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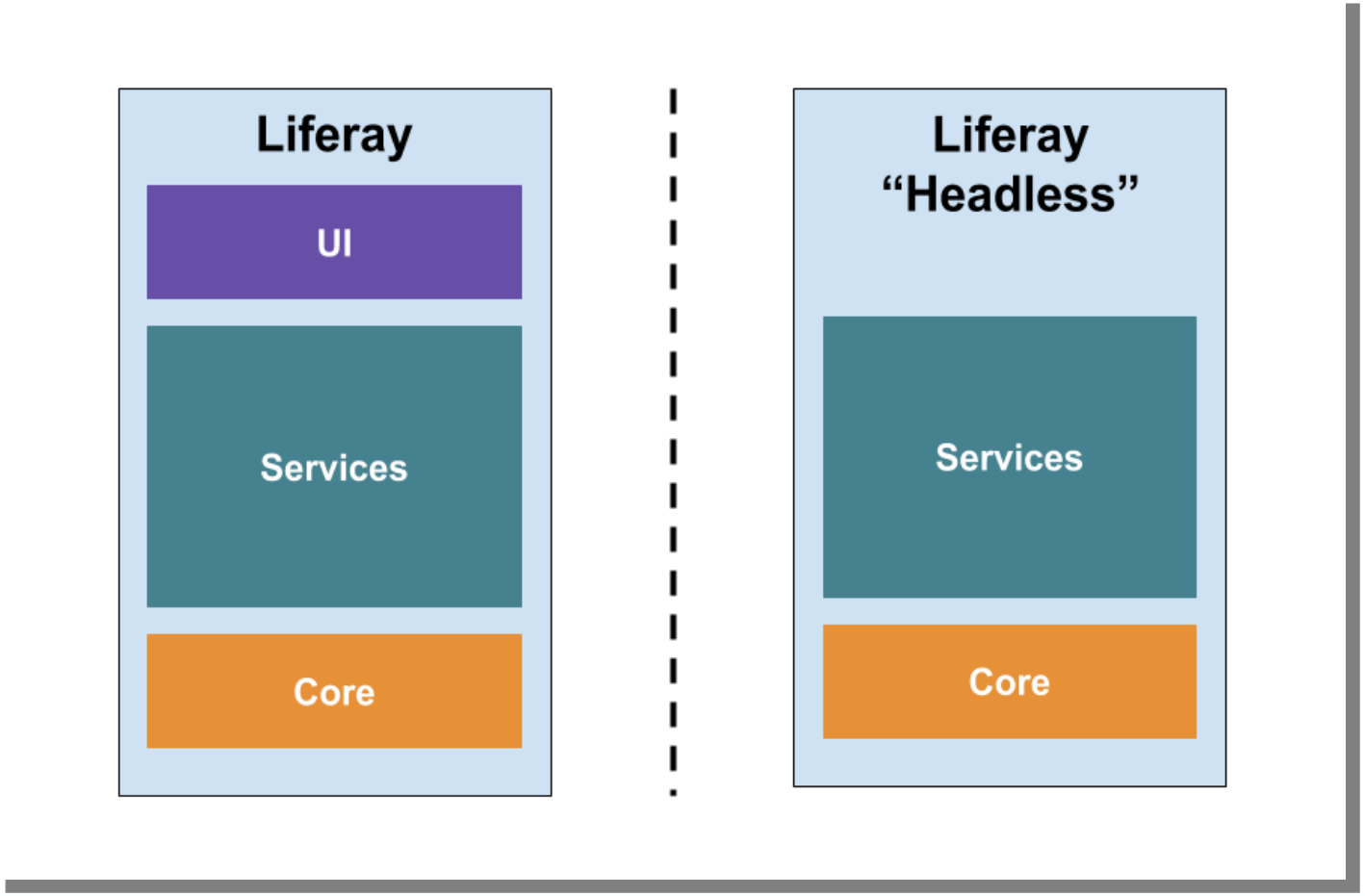
Sommario presentazione

- [x] OpenAPI Concepts
- [x] Liferay Specifications
- [x] An Example
- [x] Q & A

OpenAPI Concepts

Liferay DXP Headless Platform



Liferay Ways to go Headless

Service Builder REST services

GraphQL API

OpenAPI Initiative

OpenAPI Initiative

«the OAI is focused on **creating**, **evolving** and **promoting** a **vendor neutral** description format»

OpenAPI Manifesto

OpenAPI Initiative

Linux Foundation and Smart Bear

https://www.openapis.org/

OpenAPI Specification

https://spec.openapis.org/

Liferay joined OpenAPI Initiative

Liferay joined on 26th February 2020

What means?

- Documentation
- Guidelines

Liferay Specifications

Find your API

Liferay API

Liferay Profiles

- Delivering content (delivery APIs)
- Managing and administering content (admin APIs)

https://help.liferay.com/hc/en-us/articles/360031163611-OpenAPI-Profiles

Headless Delivery API

API	Internal Model
`BlogPosting`	`BlogsEntry`
`BlogPostingImage`	`DLFileEntry` (associated with a `BlogsEntry`)
`Comment`	`DiscussionComment`
`ContentDocument`	`DLFileEntry` (associated with a `JournalArticle`)
`ContentSet`	`AssetListEntry`
`ContentStructure`	`DDMStructure`
`Document`	`DLFileEntry`
`DocumentFolder`	`Folder`

Headless Administration APIs

Headless Admin User

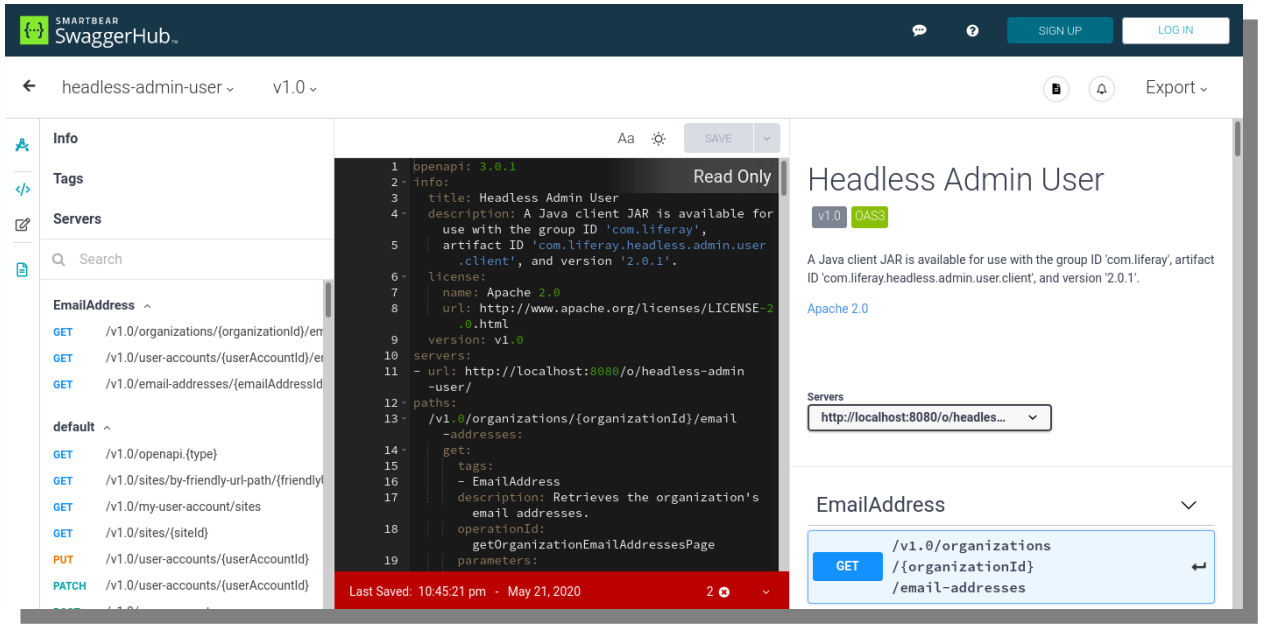
Headless Admin Taxonomy

Headless Admin Workflow

... and more to come

Swagger Hub

https://app.swaggerhub.com/search?owner=liferayinc



Running Liferay

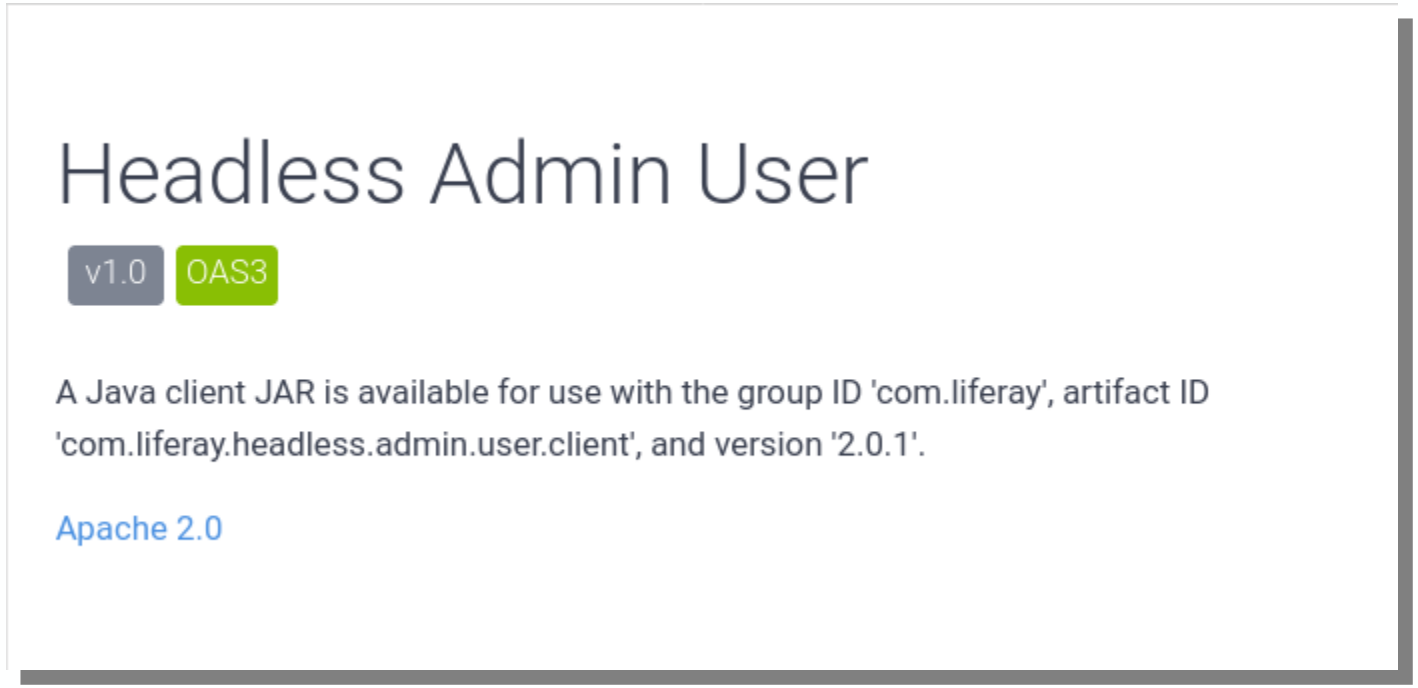
http://localhost:8080/o/api

Advantage: it matches your running version

Disadvantage: you cannot link it, e.g., in an email

P.S. log on the portal before.

Java Client


Headless Admin User
v1.0
OAS3
A Java client JAR is available for use with the group ID 'com.liferay', artifact ID 'com.liferay.headless.admin.user.client', and version '2.0.1'.
Apache 2.0

An Example

Headless Admin User

Headless Admin User

http://localhost:8080/o/headless-admin-user/v1.0/openapi.json

Let's go live ...

Q&A

Contatti

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