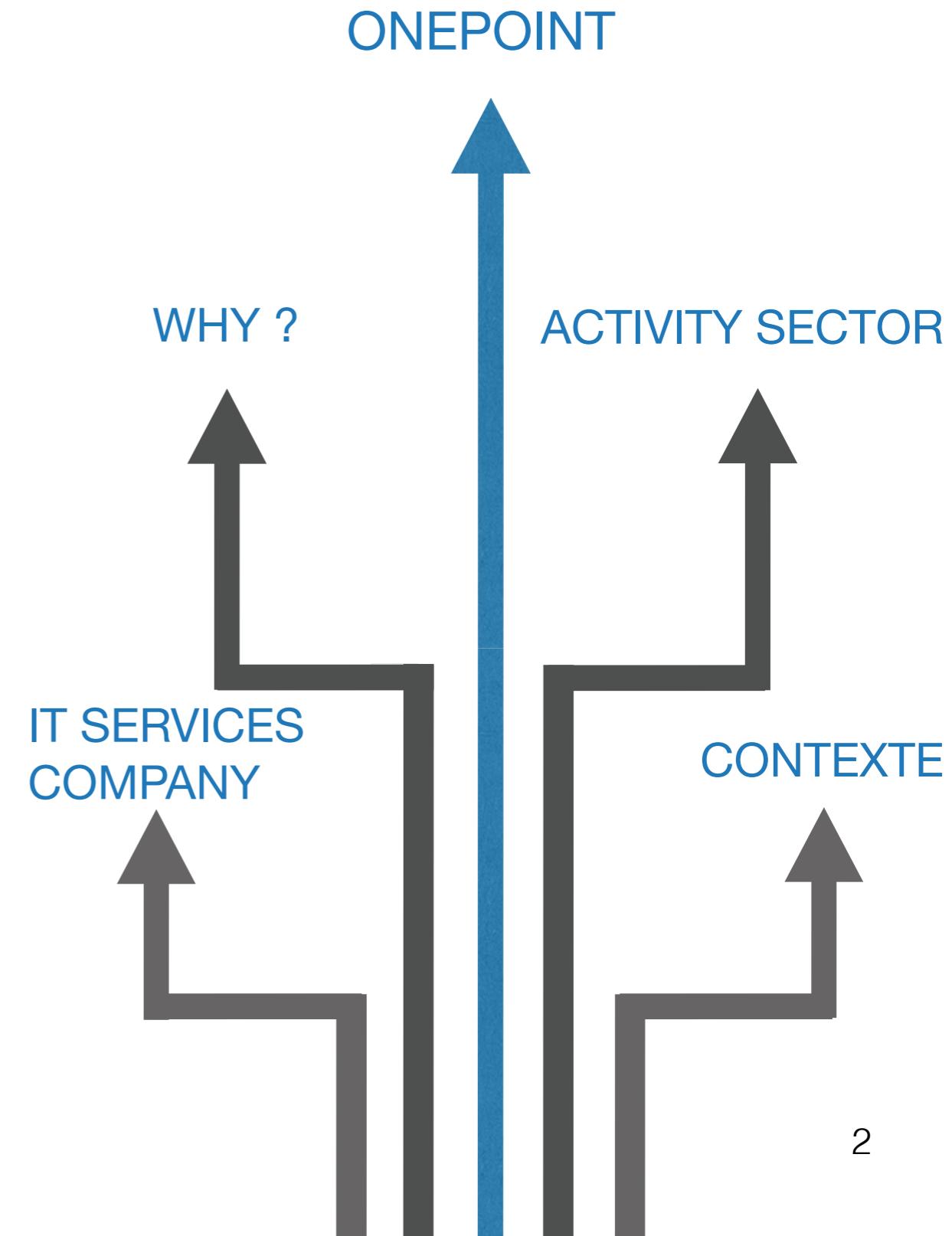


onepoint.

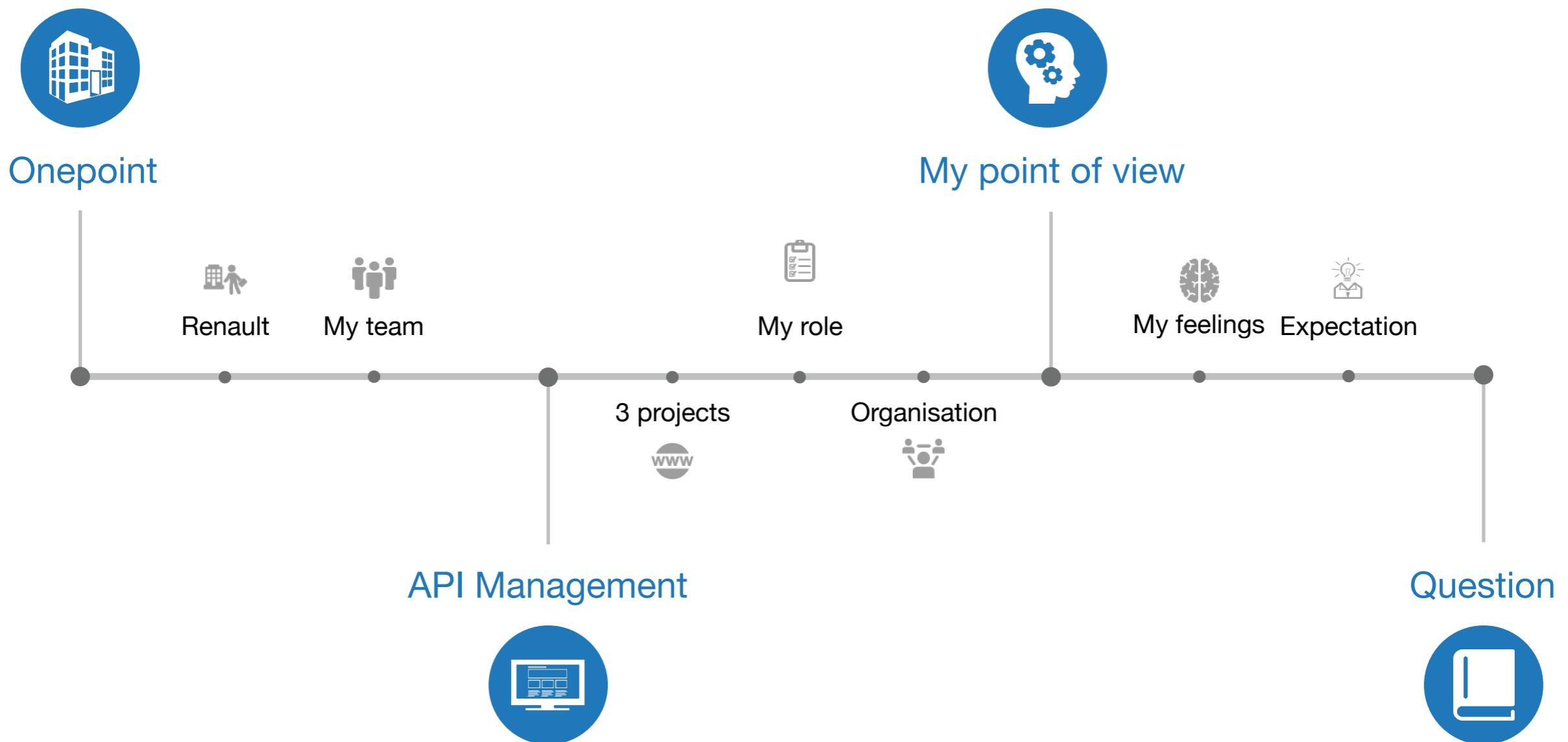
- NEGRIER AURELIEN -
March 2017 - Septembre 2017

INTRODUCTION

The internship



SOMMARY



I - THE COMPANY ONEPOINT

Presentation



GROUP

Onepoint



CREATION DATE

2002



FONCTION

Information system engineering and consulting services



MY MISSION COMPANY

Renault



Turnover

€ 170 millions



Marketing

International

I - THE COMPANY ONEPOINT

Renault



GROUP

Renault



CREATION DATE

1 octobre 1898



FONCTION

French automaker



MISSION

Api management



Turnover

€ 51 billions

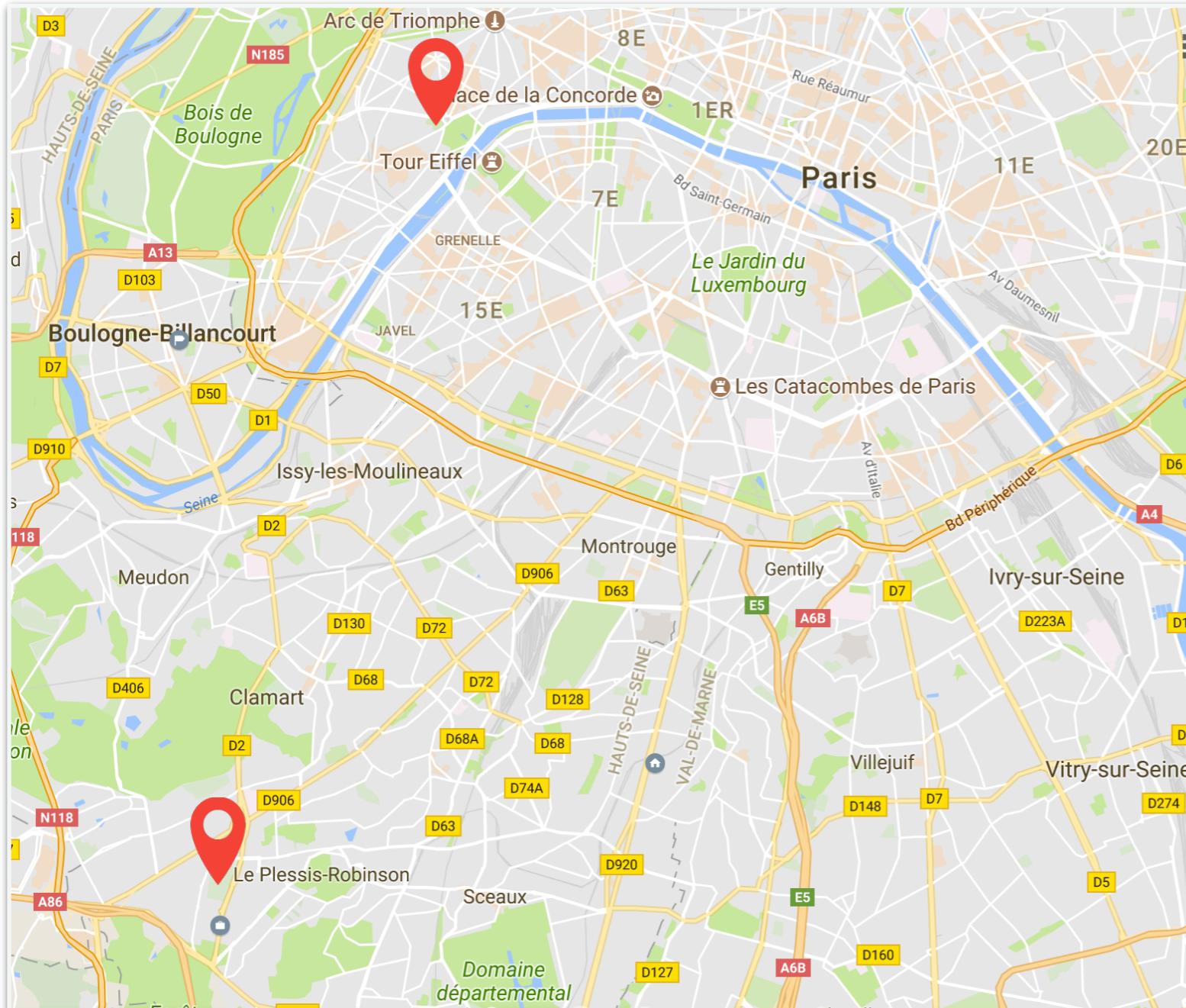


Marketing

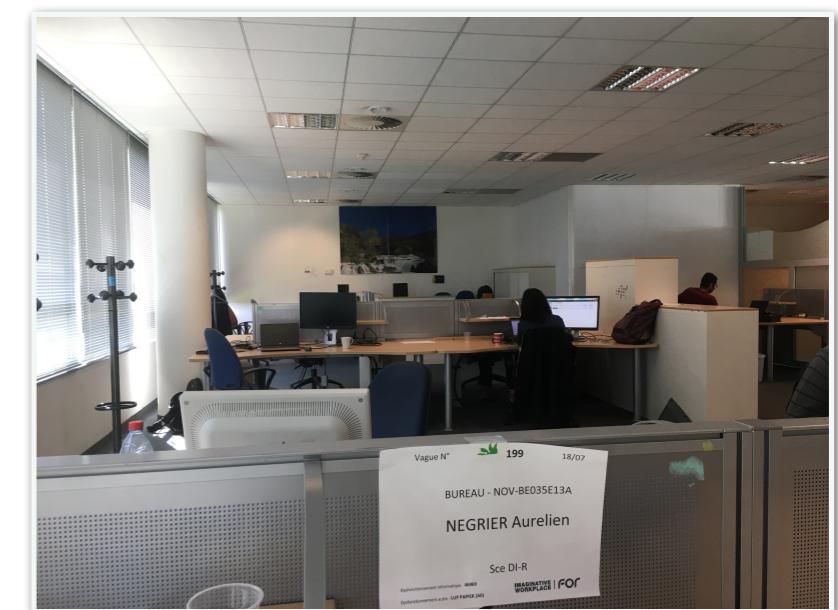
International

I - THE COMPANY ONEPOINT

Offices



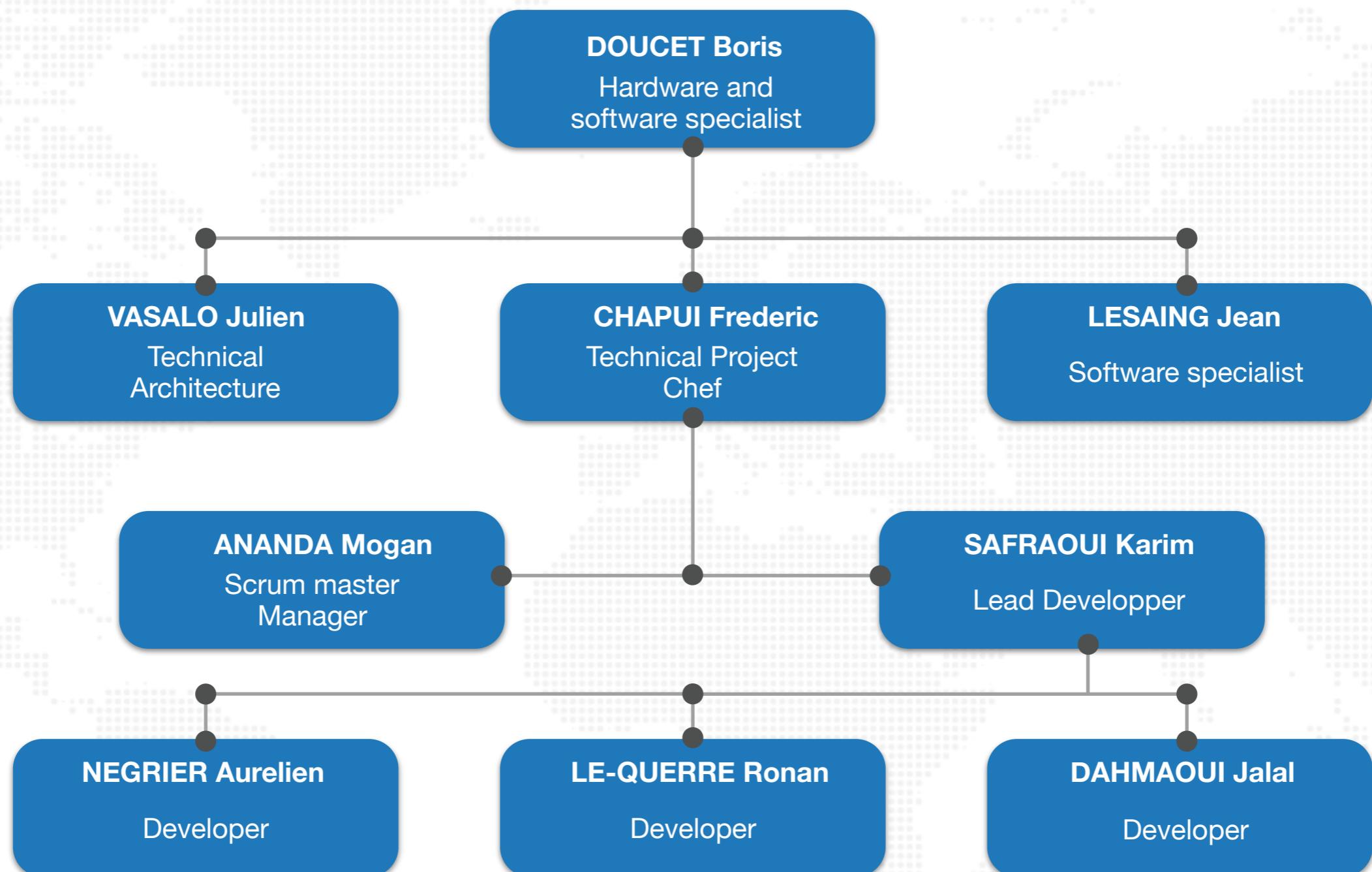
Onepoint office



Renault office

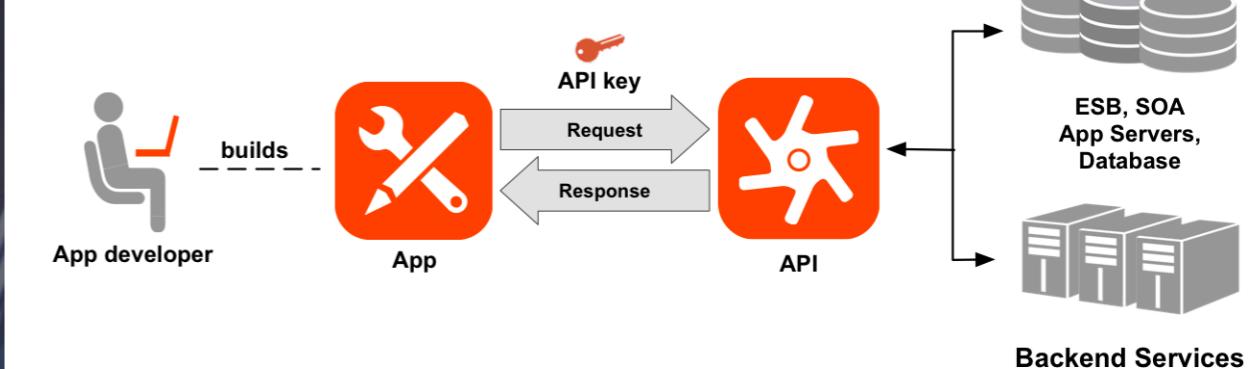
I - THE COMPANY ONEPOINT

The team

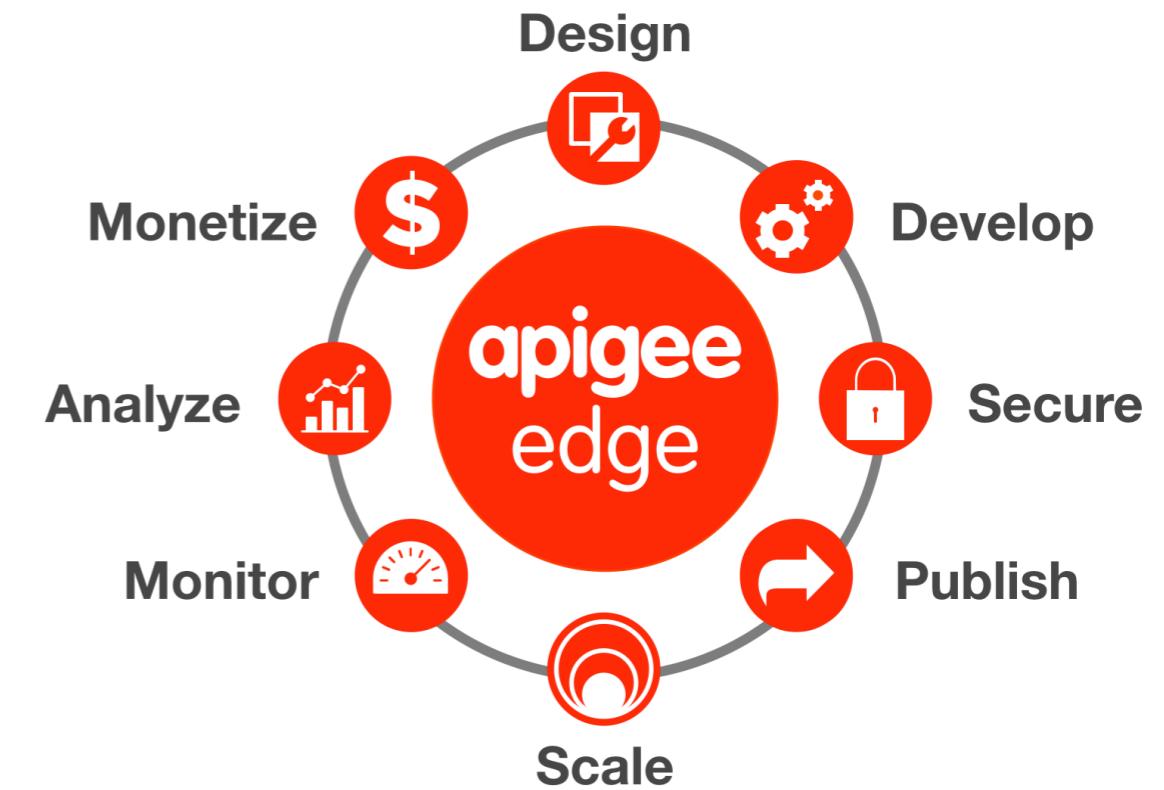


II - THE PROJECT API MANAGEMENT

Presentation

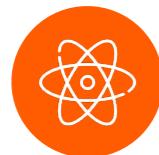


Why ?



II - THE PROJET API MANAGEMENT

Renault purpose



Infrastructure



Consumers



More than 800 services



Improve security and gestion



Generate access key



Generate more than 800 proxies

PROBLEMATIQUE

- How to generate so much proxy ?
- How to manage the roles ?
- How to render this process automatic ?

II - THE PROJET API MANAGEMENT

Proxy generator



Proxy Generator

Dashboard / API Proxies / renault-5911-bvm / Develop / 5

renault-5911-bvm What's new in the Proxy Editor

Project Save Revision 5 Tools Deployment Help for Selected Flow

Policies

- JSC-ApiProxyConfigs
- ML-CommonLogging
- sf-renault-add-cors
- sf-renault-default-fault-rule
- sf-renault-log-builder
- sf-renault-openapi
- sf-renault-ping
- sf-renault-required-params
- sf-renault-security
- sf-renault-setup-env
- sf-renault-target-req-preflow
- sf-renault-unkown-resources
- sf-renault-verify-apikey

Proxy Endpoints

- All PreFlow
- cond OptionsPreFlight
- GET ping
- GET openApi

Flow: PreFlow

JS

Code default

```

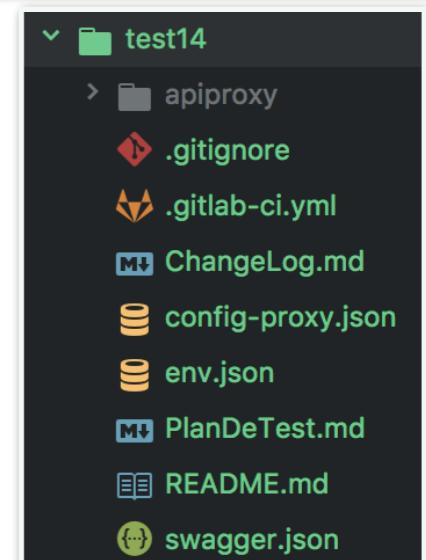
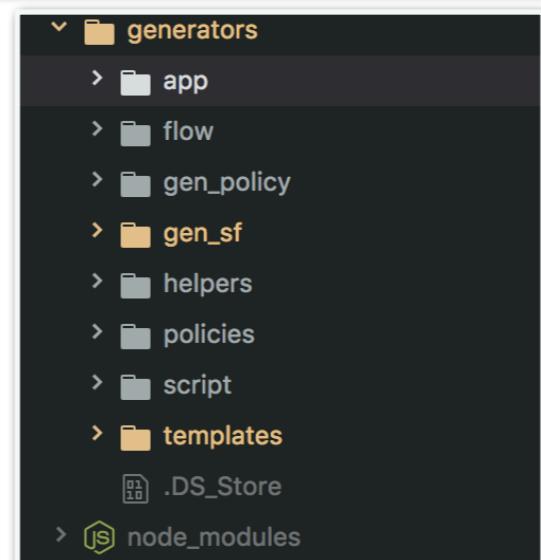
1  <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
2  <ProxyEndpoint name="default">
3    <DefaultFaultRule name="DefaultFaultRule">
4      <Step>
5        <Condition>x-log.custom_exception != true</Condition>
6        <FaultRules/>
7        <Name>sf-renault-default-fault-rule</Name>
8      </Step>
9      <AlwaysEnforce>true</AlwaysEnforce>
10     </DefaultFaultRule>
11   <Description>Passe-plat pour l'API REST de Elasticsearch</Description>
12   <FaultRules/>
13   <Flows>
14     <Flow name="OptionsPreFlight">
15       <Description>OptionsPreFlight</Description>
16       <Request/>
17       <Response>
18         <Step>

```

```

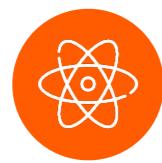
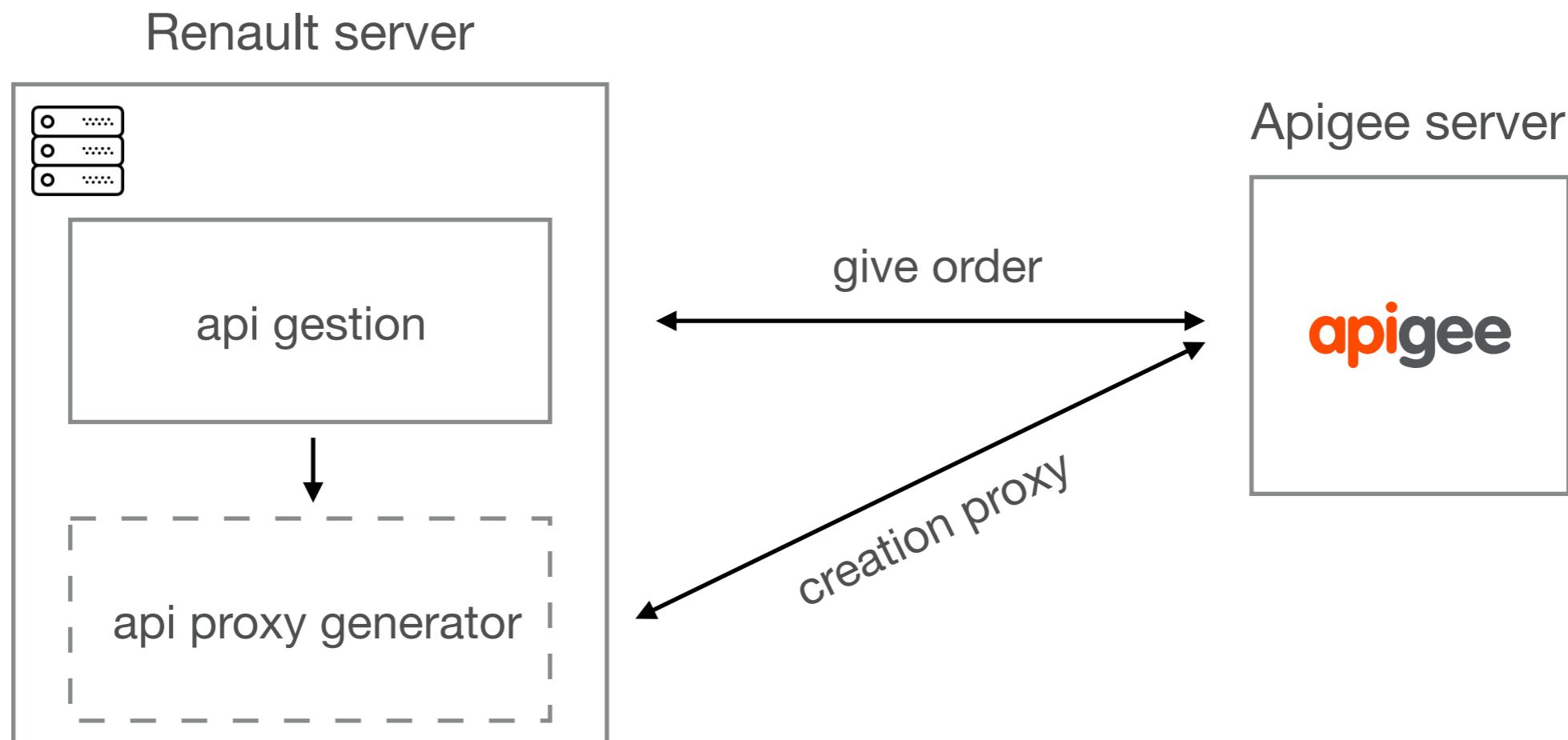
Aurelien@MacBook-Pro-de-Aurelien ~/D/R/apiproxy_generator> yo apigee
  create test14/.gitignore
  create test14/.gitlab-ci.yml
  create test14/ChangeLog.md
  create test14/PlanDeTest.md
  create test14/README.md
  create test14/swagger.json
  create test14/env.json
  create test14/config-proxy.json
Aurelien@MacBook-Pro-de-Aurelien ~/D/R/apiproxy_generator> yo apigee --build ./test14 --env test
  create test14/apiproxy/test14.xml
  create test14/apiproxy/targets/default.xml
  create test14/apiproxy/proxies/default.xml
[Flow]: created
[proxies Policies]: created
[targets Policies]: created
  create test14/apiproxy/policies/Renault-ProxyUnkownResources.xml
  create test14/apiproxy/policies/Renault-AddCors.xml
  create test14/apiproxy/policies/Renault-Log.xml
  create test14/apiproxy/policies/Renault-OAuth2.xml
  create test14/apiproxy/policies/ML-common-logging.xml
  create test14/apiproxy/policies/Renault-RequiredParams.xml
  create test14/apiproxy/policies/Renault-OpenApi.xml
  create test14/apiproxy/policies/Renault-SetUpEnv.xml
  create test14/apiproxy/policies/set-up-swagger.xml
  create test14/apiproxy/resources/jsc/set-up-swagger.js
  create test14/apiproxy/policies/Renault-VerifyAPIKey.xml

```



II - THE PROJET API MANAGEMENT

Api gestion



Add a new client



Consumers

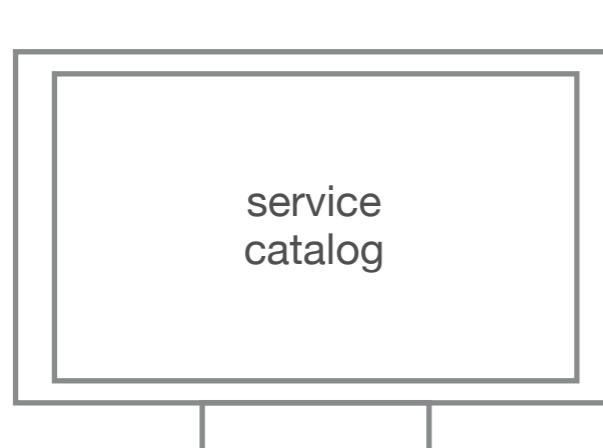


add/remove contract

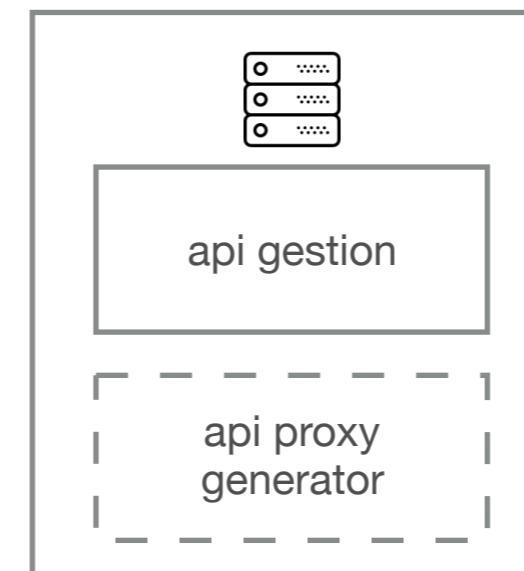
II - THE PROJET API MANAGEMENT

Service catalog

Computer client / admin



Renault server



Apigee server



The screenshot shows a web-based service catalog interface for "GROUPE RENAULT". The top navigation bar includes links for "SERVICES", "MY KEYCHAIN", and "Log in". Below the navigation is a search bar and a "Sort by exposition" dropdown set to "ESB". The main area displays a table of services:

NAME	SIA	IRN	OWNER	EXPOSITION
Base Voiture Monde	BVM	5911	Stephane BOILLON	APIGEE
Battery Management Life System	BLMS	55080	Béatrice BEAUSSAULT	APIGEE
Elastic Search	ELK	55080	Rachida EL HAMMOUD	APIGEE
Portail du conseiller service en Acc...	ICM	IRN-007736	Rachida EL HAMMOUD	APIGEE
Base Voiture Monde	BVM	5911	Stephane BOILLON	APIGEE
Battery Management Life System	BLMS	55080	Béatrice BEAUSSAULT	APIGEE
Elastic Search	ELK	55080	Rachida EL HAMMOUD	APIGEE
Portail du conseiller service en Acc...	ICM	IRN-007736	Rachida EL HAMMOUD	APIGEE

At the bottom, there are links for "Contact-US", "Documentation link", "Need help?", and "GROUPE RENAULT".

The screenshot shows a detailed view of a service named "BASE VOITURE MONDE" for "GROUPE RENAULT". The top navigation bar includes links for "SERVICES", "MY KEYCHAIN", and "Franck Roth". The main area displays the service details:

NAME	SIA	IRN	OWNER	EXPOSITION
Base Voiture Monde	BVM	1010	Stephane BOILLON	APIGEE

Below the table, sections include "SECURITY", "TAGS", "LOREM IPSUM", and status indicators for "RE7 statut OK", "QA statut KO", and "PROD statut KO". On the right, there's an "Activity" sidebar showing posts from users like Franck ROTH and Jalal DAHMAOUI. At the bottom, there are links for "Contact-US", "Documentation link", "Need help?", and "GROUPE RENAULT".

II - THE PROJET API MANAGEMENT

My role in the company

Back-end developer NodeJs

In charge of nodeJs program

Team leader

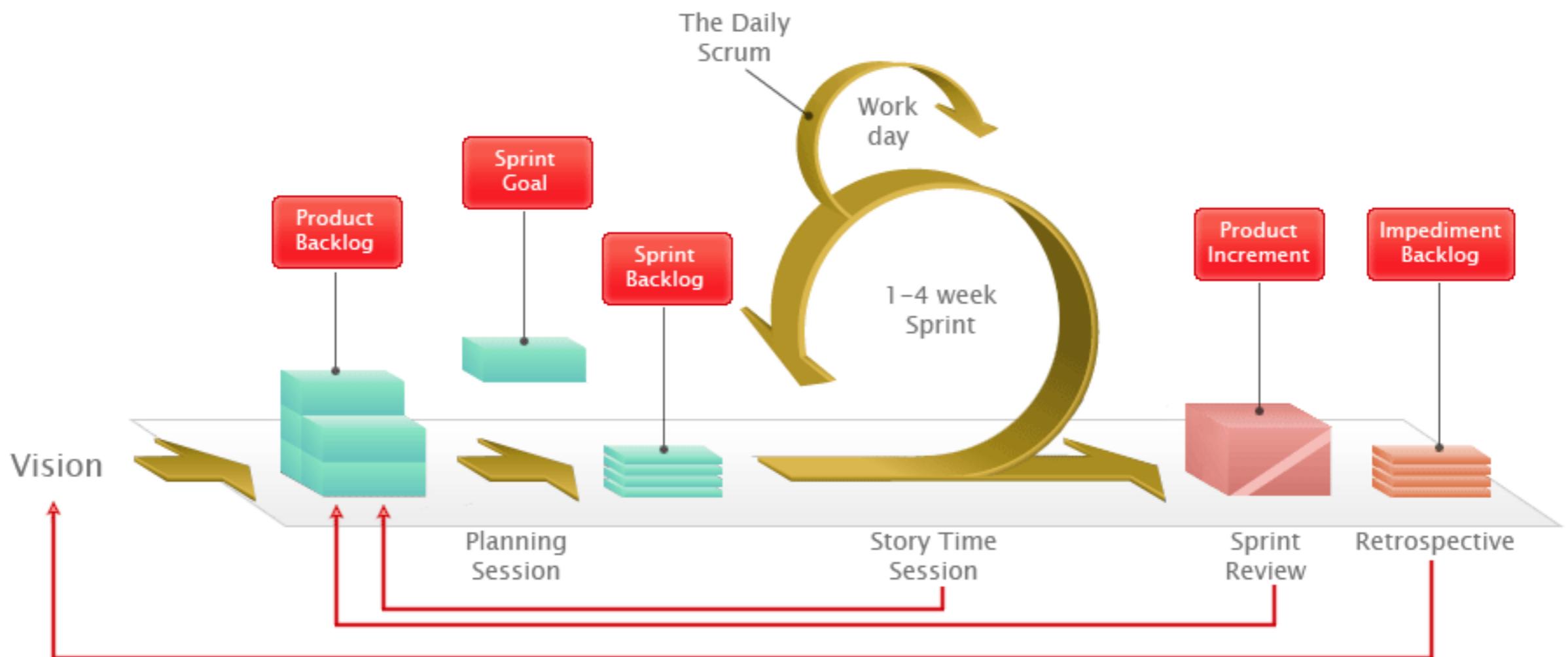
Architecture creation

AngularJs formation



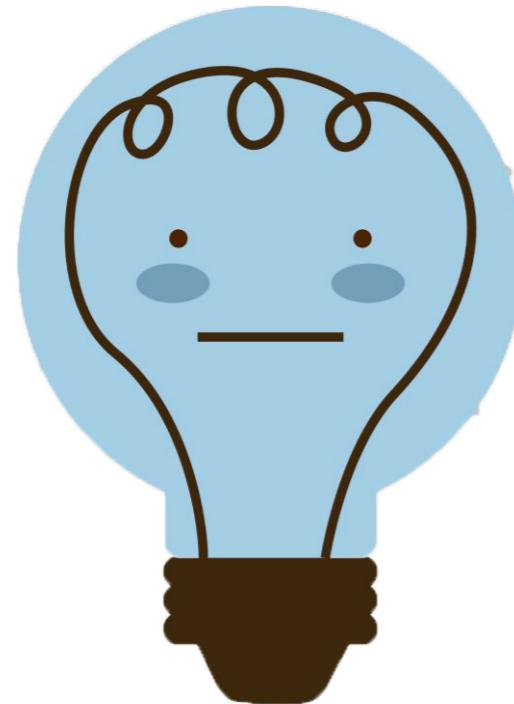
II - THE PROJECT API MANAGEMENT

Scrum method



III - MY POINT OF VIEW

Inconvenience



You will not choose your mission
Complicated to be important
We must adapt yourself constantly
You are sent away from your home

III - MY POINT OF VIEW

Advantage



You work less than in a Startup

Less pressure

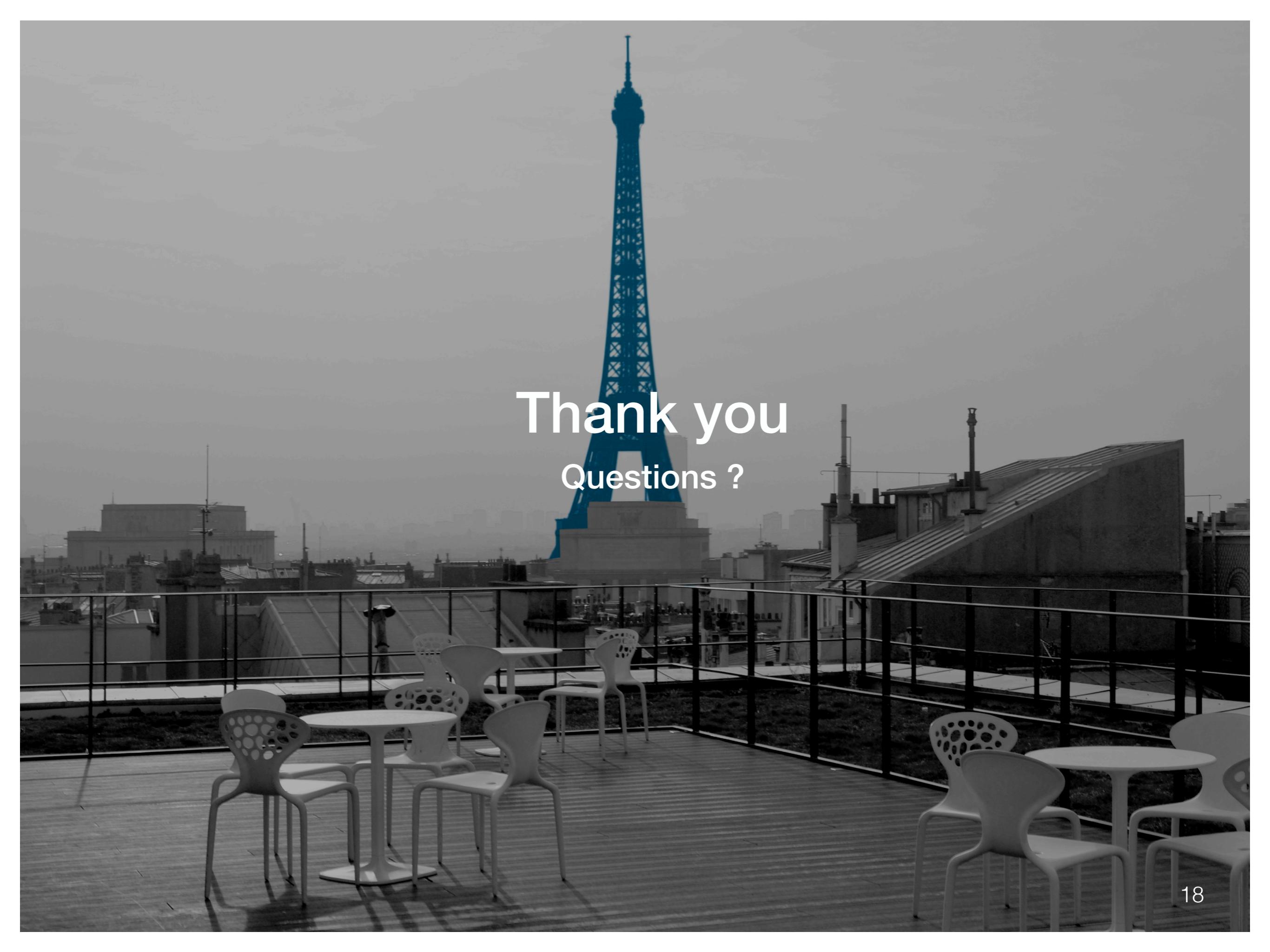
Variety of the mission

Gain experience quickly

IV - CONCLUSION



- Acquired skills
- Professional growth
- Personnel growth
- My feelings
- My expectations



A black and white photograph of a rooftop terrace in Paris. In the foreground, there are several white plastic tables and chairs with a distinctive circular pattern on the backrests. The terrace has a wooden floor and a metal railing. In the background, the silhouette of the Eiffel Tower is visible against a hazy sky. The city skyline of Paris can be seen in the distance.

Thank you
Questions ?