

# MAIF: A singular open-source strategy

François Desmier & Frédéric Pied - 20/10/22



**MAIF**

OSPO  
ON  
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Founded 85 years ago, **MAIF** has developed a **human-centred mutual insurance model**. Each member is both insurer and insured. This singularity has been reflected since our origins in our organization, our missions, our actions. **We offer a different, responsible and efficient model, based on trust.**



**3,9 millions**  
of members or  
customers



**1st insurance**  
for associations and  
public authorities



**3,4 millions**  
people protected in  
pension insurance



**3,6 millions**  
véhicules insured (6st  
insurance)



**3,3 millions**  
household insured  
(5st insurance)





**Frédéric Pied**

IT Manager

@fredericpied



**François Desmier**

IT Architect

@desmfr



# 1.1 Company digital commitments

MAIF pioneer in the bank/insurance sector

2017

**MAIF adopts a Digital Charter:** For a digital world that is resolutely human and ethical. This charter reaffirms in particular the preference given to open source solutions.

2021

**MAIF signs the Responsible Digital Charter** of the « Institut du Numérique Responsable » (Responsible Digital Institute). Open source, through its values of openness, collaboration and transparency, is an accelerator to achieve our objectives in this area.

**MAIF becomes a "company with a mission"** (société à mission) according to the "loi pacte" in France. Open source is one of the elements monitored by the "MAIF mission board".

## 1.2 Open source initiative

MAIF also pioneer in the bank/insurance sector

2018

**We launch #OSSbyMAIF initiative** and become an open source editor, with the first release of Otoroshi reverse-proxy

2020

**OSSbyMAIF initiative and good practices spread throughout the company** and conquer IA department with the birth of Melusine project

MAIF decide to provide **a clear operational and legal framework for the OSSbyMAIF initiative** as it expands in the company

## 2.0 The 4 challenges of open source at MAIF

**The promotion of Open Source solutions** instead of private licensed solutions for cases where this is suitable, inside our IT department

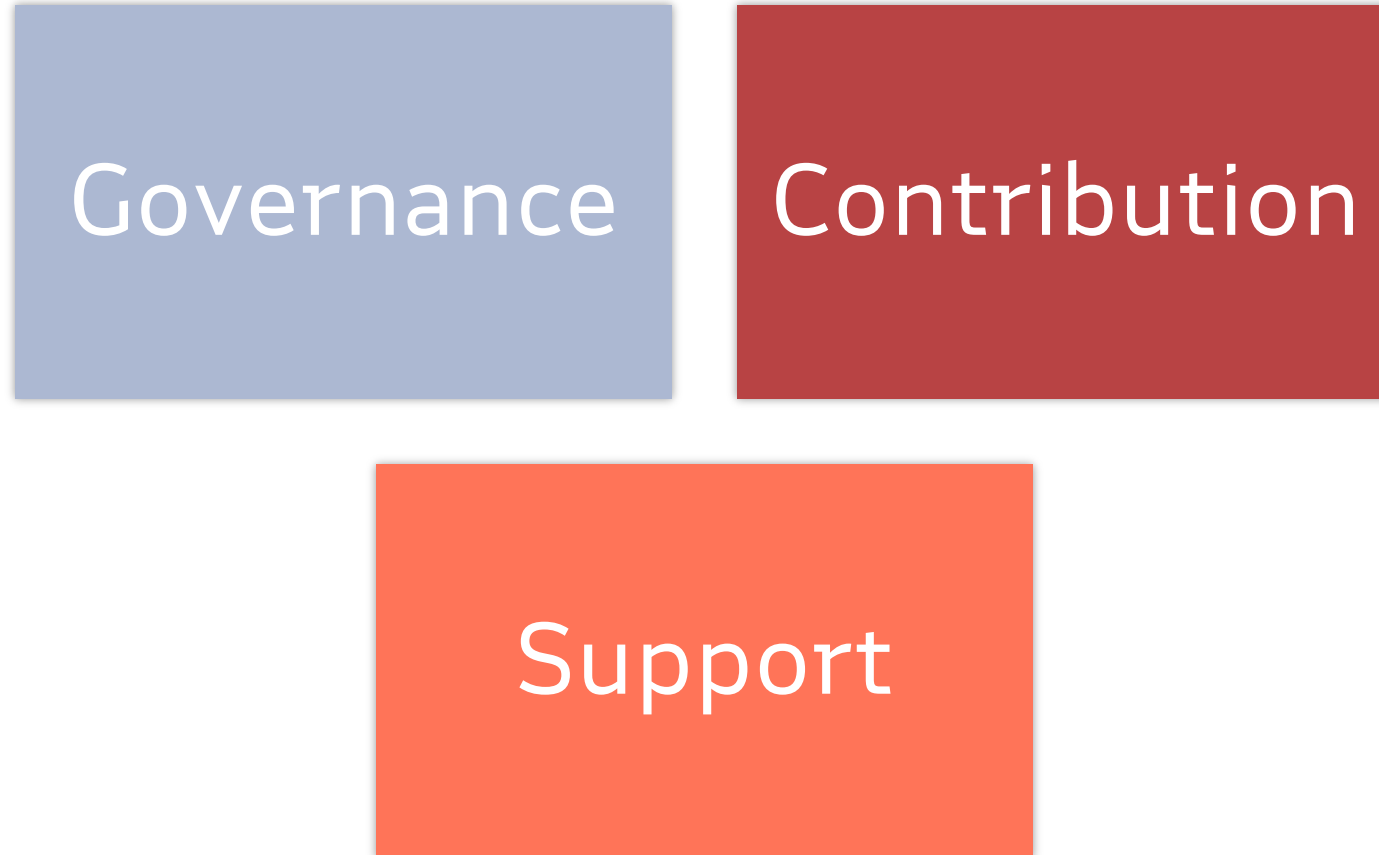
**MAIF's contribution to Open Source projects** that we use

**The edition of Open Source solutions** including the animation of the community around these solutions

**The management of the Open Source strategy** including our contribution to groups of companies concerned by the subject

# 3.0 The Opensource Charter

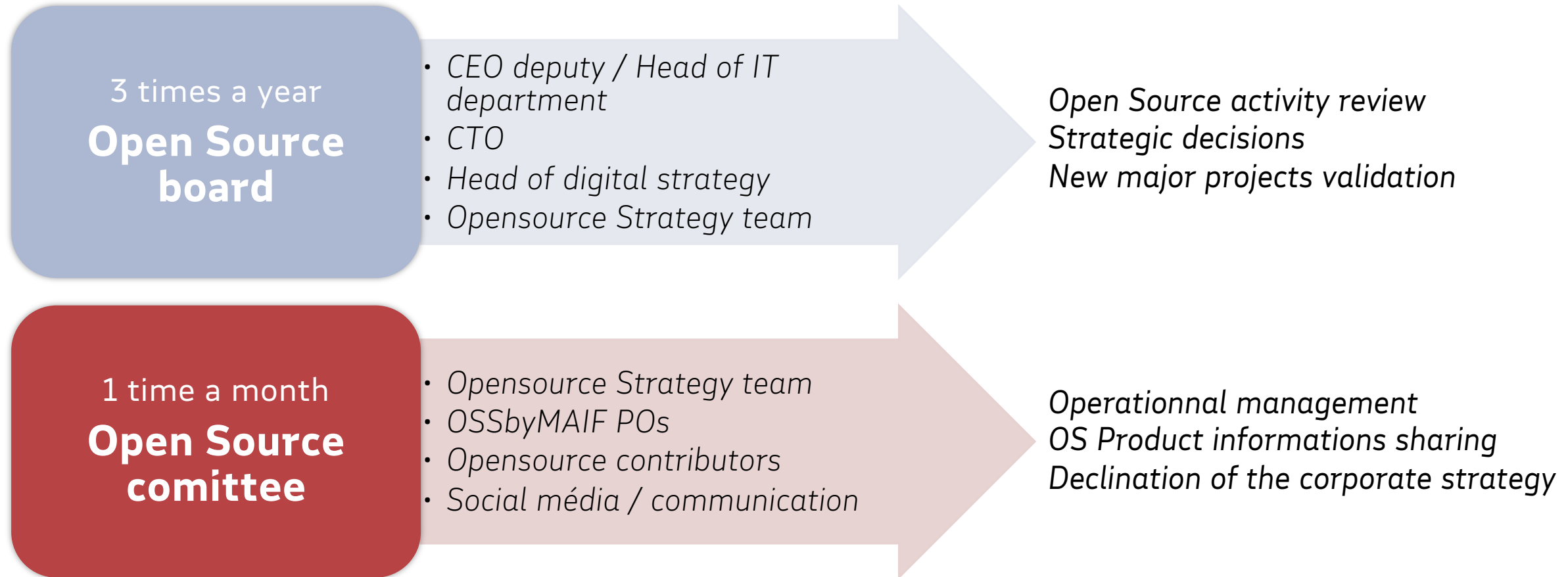
Building the MAIF Open Source framework



It aims to define MAIF's practices in terms of open source developments, contributions or uses

# 4.1 OSSbyMAIF Governance

Who and why





## 4.2 OSSbyMAIF Governance

Open Source strategy team



**Fredéric Pied**  
Head of open source strategy



**Benoit Villetard**  
Head of th open source use and contribution  
within IT developments



**François Desmier**  
Head of open source software edition and  
community animation

# 5.1 Legal framework

As users or contributors

The choice of other licenses can be arbitrated by the open source committee.

Some licences are prohibited (except derogations)

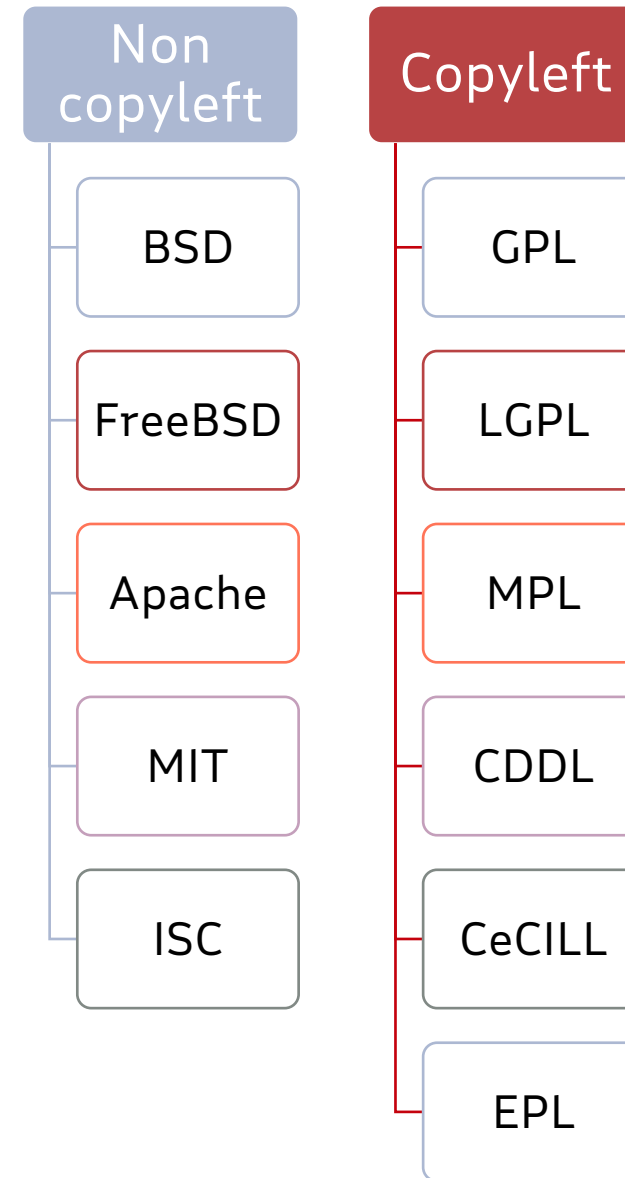
> **AGPL et SSPL**

## What we learn?

Licenses purpose requires a continuous monitoring avec products and libraries licences we use

eg: Akka, Camunda, MongoDB, Elastic on cloud...

## Allowed licenses



# 6.1 Contribution

How to enable our developers to contribute

< 2 days

- Developer and his squad are autonomous in their approach
- They have to inform the open source committee

> 2 days

- Validation of the open source committee is required in agreement with the product manager

> 20 days

- Validation of the open source board could be required if open source strategy team feels it's necessary

## 6.2 Contribution

How to enable our developers to contribute

Contributing is a good practice.

When a developer has to modify an open source component he uses, **we must return this improvement to the community.**

It's benefic for all the team.

The manager's mission is **to give the developer the means to succeed** in his contribution.

It's also a company's image purpose.

The developer contributes on his behalf but **engages the MAIF brand**, he can complete his action by writing an article detailing his work.

# 7.1 Favor the use of open source solutions

IT choices are company commitments

IT architecture choices must include all open source and non open source solutions.

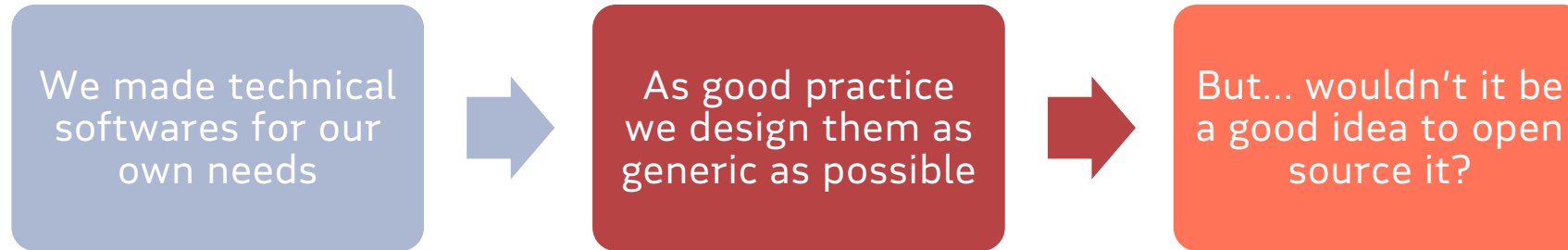
In case of debate on the choice of the solution, open source becomes a criterion of choice.

## What we learn?

An open source solution can hide an underlying Enterprise Edition offering that could quickly become unavoidable. This can lead the company to a dependancy equivalent as using non open source solution.

# 8.1 Open source software edition

Developing open source software is not a goal, it's an opportunity



## Benefits

- › Open source best practices applied to inner source
- › Improvement of our delivery cycle and tools
- › Increased developer engagement

## What we learn ?

Support for our solutions is a time consuming job and a heavy work. Animate the community around them too (advertising, meetup organisation...).



Our OSSbyMAIF products : [maif.github.io](https://maif.github.io)



# 9.1 Supporting OSS project

The way forward

## Community member

- PostgreSQL user group
- TOSIT

## Financial support

- Make donation to critical projects
- Definition of eligibility criteria in progress



Q & A

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