Our vision

A software and its functions
Our vision of an application

An application is made of source code, stored on files
Our vision of an application

We represent the application generated by this code by a sphere.
Our vision of an application

Using an application

= 

Navigating the sphere
Testing an application

Testing =

Using an application’s functions to discover anomalies

→ The more we navigate, the more anomalies we discover.
The problematic

Development and testing in IT
Problematic

An evolution is required: we change a function.

Developers modify the code...

... and it may have several impacts, but no one knows which.

Only comprehensive testing will find all the impacts.
Creating a test scenario

In Kalifast we create test scenarios using the functions of the application.

CLIENT

Create account

Log-in

Log-out

Functions carry test scripts
Mapping the application

Creating test cases will list our application’s functions in Kalifast...
... we create a map of the tested application

All the function used to build the test cases are organized in a tree inside Kalifast
Mapping the application

From this map, risks can be detected directly
Detected by the testing bot, manual, by analysis etc.

We can follow the evolution of every function using a ticketing system, and follow the risk for each code delivery

Test results focus on what really matters
Test migration

Scenarios version and function scripts can be migrated to different environments

They are maintained along with the evolution of the application
Win-Win situation

The **developers** benefit from the test cases created by the testers

The **testers** increase their productivity thanks to automation from the developers

Automation benefits to all!
To come this year:
multi-user scenario

Prototype is ready to be shown
Multi-user test scenario

CLIENT
- Create account
- Log-in
- Log-out

ADMIN
- Log-in
- Check account created
- Check user logged-in
- Check user logged-out

JOB
- Send one time password to user
To conclude

Kalifast can be used with any methodology
Exemple of functionalities

- Automation on the go
  - Multi-user automated test scenarios
    - Fast screenshot integration
      - Image comparison
        - Technology switch

...
Thank you

Come and see us!