

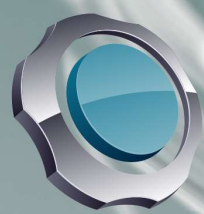


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## UCAAT 2019

Baptiste Guilloteau



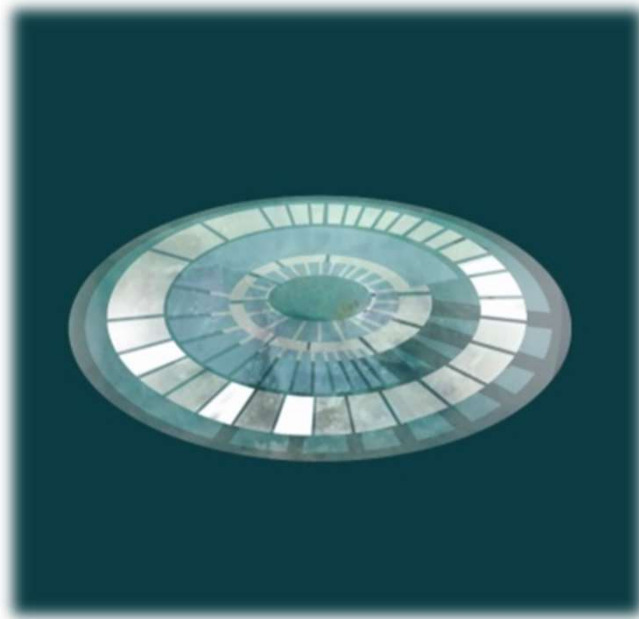
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## Our vision

A software and its functions

## Our vision of an application



An application is made of  
source code, stored on files

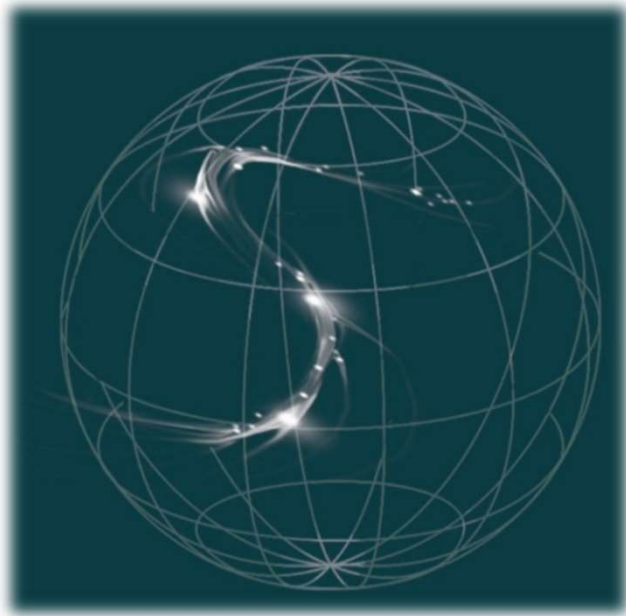


## Our vision of an application



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

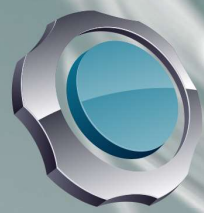


Testing

=

Using an application's functions to  
discover anomalies

➔ The more we navigate, the  
more anomalies we discover



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# The problematic

Development and testing in IT



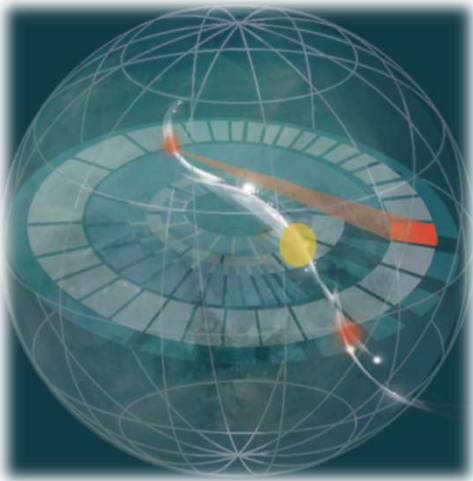
## Problematic

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.



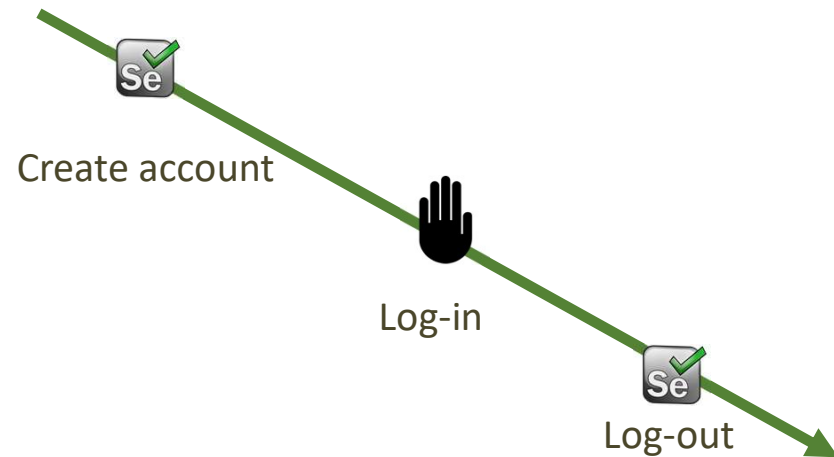


## Creating a test scenario

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



CLIENT

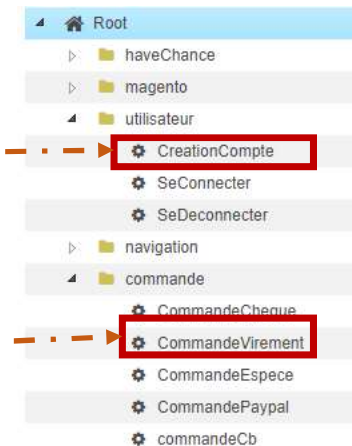
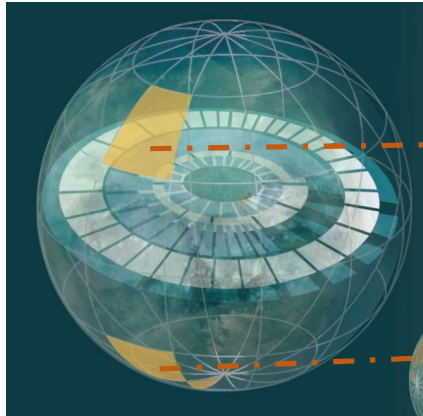


Functions carry test scripts

## 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



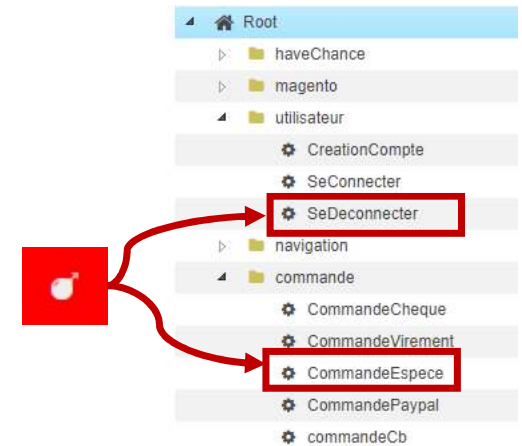
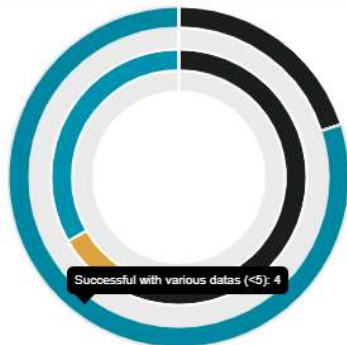
## Mapping the application

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

FUNCTIONS RISKS STATISTICS

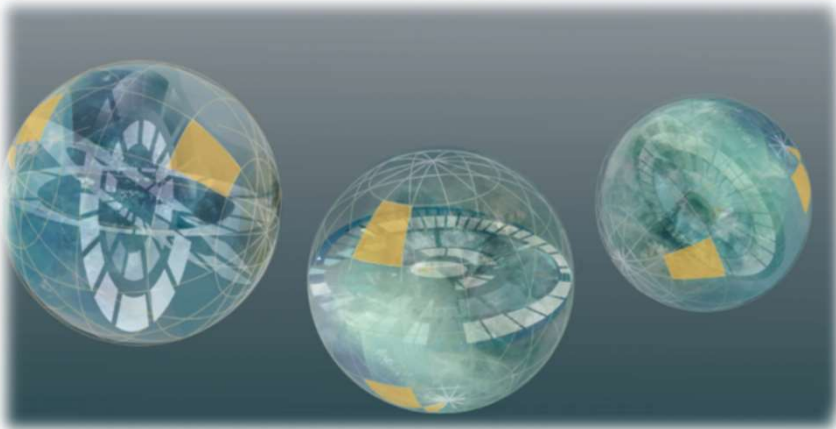


Test results focus on what really matters

## 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

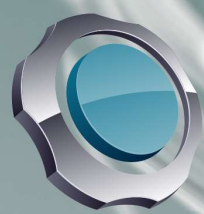
The **developers** benefit from the test cases created by the testers



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



Automation benefits to all !



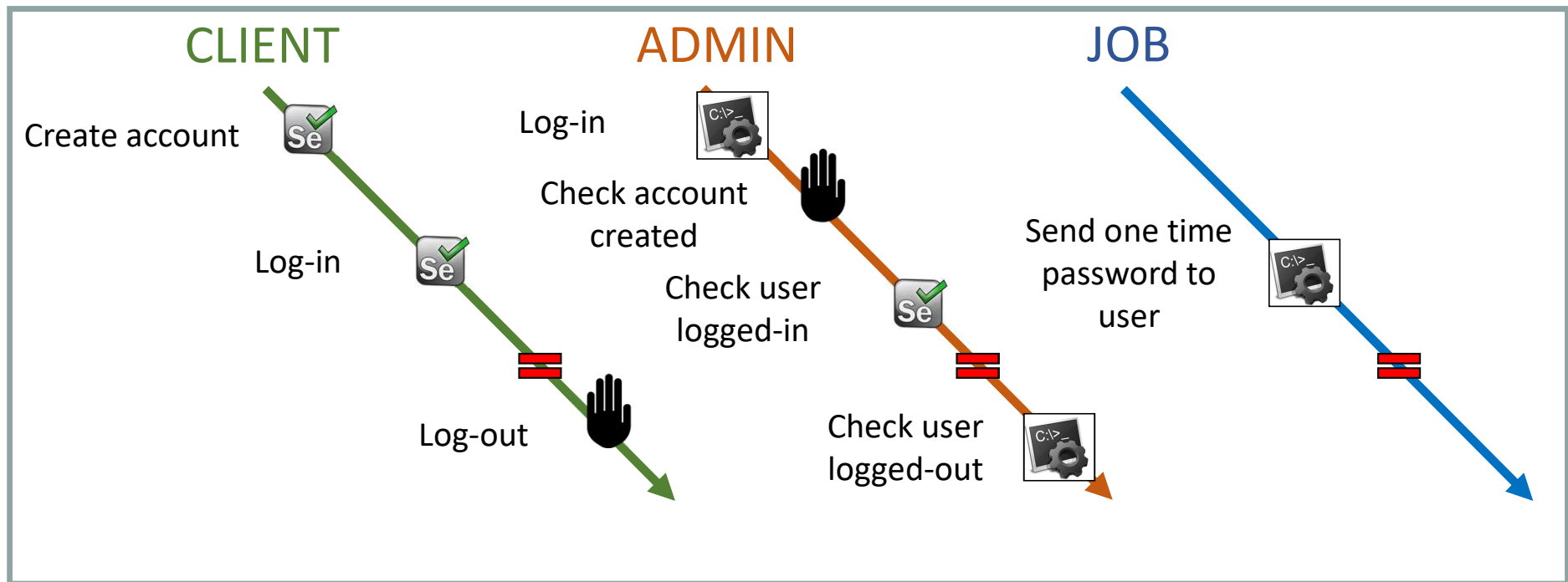
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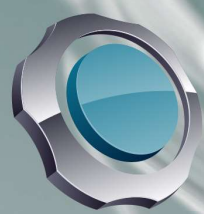
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## To come this year : multi-user scenario

Prototype is ready to be shown

## Multi-user test scenario





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## To conclude

Kalifast can be used with any methodology



## Exemple of fonctionnalités

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

...

Thank you

Come and see us !