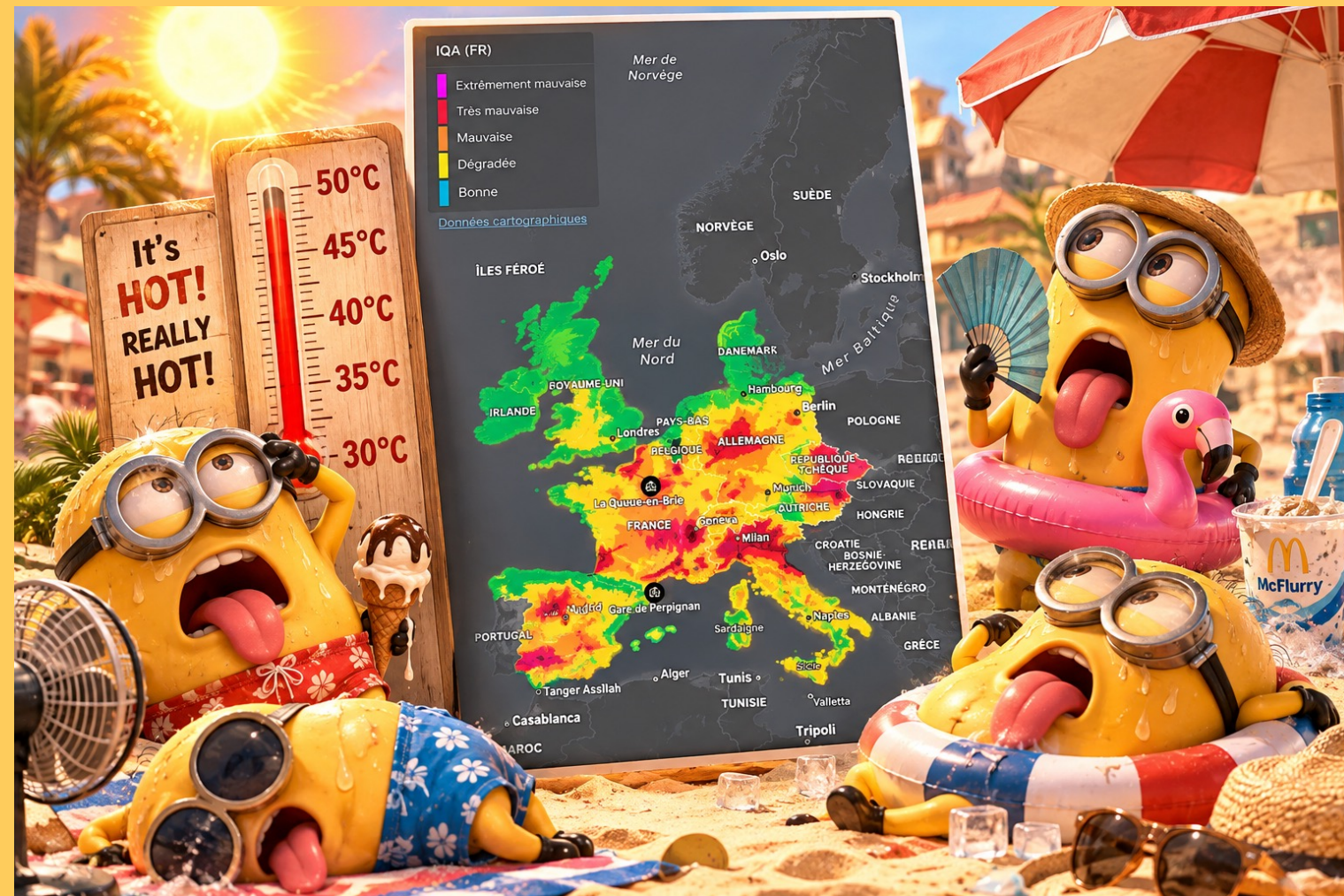


An unexpected Zabbix use case.

This summer was hot. Really hot.

And I needed an efficient cooling strategy.



Problem

HEAT

After **extensive research**, I finally found the perfect cooling strategy.

McFLURRY.

Cold. Sweet. Efficient.



TRIGGER, MAPS & McFLURRY

An unexpected Zabbix use case.

How to turn a McFlurry search into a complete synthetic observability demonstration.

At first, I just wanted an ice cream.



But there was a problem...

Finding a McDonald's is easy. Finding the right one is not.

**Is the
restaurant
OPEN?**

**Does it offer
CLICK &
COLLECT?**

**Is my
McFlurry
AVAILABLE?**

**Which one is
THE CLOSEST?**

**Suddenly, my ice cream problem looked like an
observability problem.**

So I asked myself a very simple question...

Can **ZABBIX** solve this ?

Can Zabbix tell me where I can get a McFlurry,
right now?

But there was a second problem...

What is the best flavor on earth ?

BANANA ? 🍌

BANANA ? 🍌

BANANA ? 🍌

...BANANA ? 🍌

From ice cream to observability

A silly problem can demonstrate serious observability concepts.



At first, I just wanted an ice cream. I ended up building a synthetic monitoring use case.

What do we actually need to monitor?

OPEN

Is the restaurant open?

CLICK & COLLECT

Can I place an order?

LOCATION

Where is the restaurant?

PRODUCT

Is McFlurry available?

DISTANCE

How far is it from me?

That sounds a lot like observability.

The problem to solve

A simple question that requires combining several Zabbix building blocks.

“Where can I find a McFlurry right now, near me?”

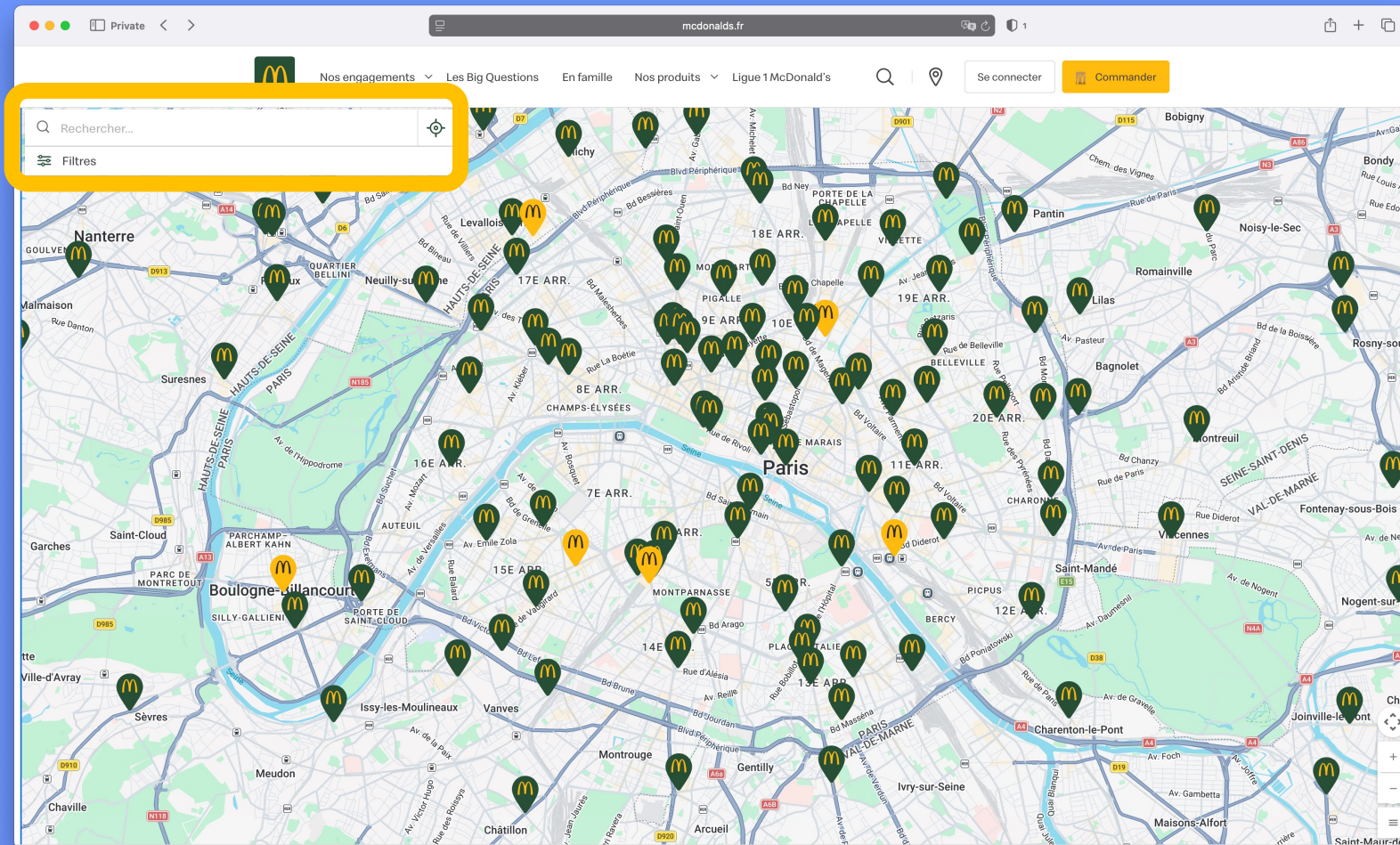
Locate me

Retrieve a city, postal code, or location from my phone.



Entry point: the McDonald's store locator

The website already contains the data needed for our discovery



Dynamic field: #input_searchbox

IOS Shortcut

Get my location from a single command



Make the search dynamic

Location becomes a Zabbix input parameter



Store discovery

A simple question that requires combining several Zabbix components.

“Where can I find a McFlurry near me right now?”

Name ▲	Items	Triggers	Graphs	Discovery	Web	Interface	Proxy	Templates	Status	Availability	Agent encryption
Store LLD: CLUNY	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: KREMLIN BICETRE OKABE	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: LUXEMBOURG-PANTHEON	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: OLYMPIADES	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS ALESIA	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS AUSTERLITZ	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS AVENUE DE CHOISY	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS AVENUE DE FRANCE	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS BASTILLE	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS DENFERT ROCHEREAU	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS GARE DE LYON ORIGINALS AREAS	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS GOBELINS	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS HOTEL DE VILLE	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS LEDRU ROLLIN	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS PLACE D'ITALIE	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS PORTE DOREE	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS REUILLY DIDEROT	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS RUE DU DEPART	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None
Store LLD: PARIS TOLBIAC	Items 14	Triggers	Graphs	Discovery	Web			Store stats	Enabled		None

Store discovery

We retrieve the visible entries from the store locator.

```
1 <div class="store-summary" id="store-46">
2   <p class="store-name">Pontault Combault</p>
3   <p class="store-address">Centre Commercial
Carrefour...</p>
4   <p class="short-description">Ouvert</p>
5   <li class="store-service available">
6     Click & Collect (jusqu'à 23h45)
7   </li>
8 </div>
```

Name + address

store-name / store-address

ID store

id="store-46" → 46

Other data

Open + Click & Collect + end of service

Extract the Click & Collect time window

The closing time becomes a concern.

Click & Collect (until 11:45 PM) →

23:45

Preprocessing

Regex or JavaScript
→ closing time
→ HHMMSS format /
timestamp

Trigger

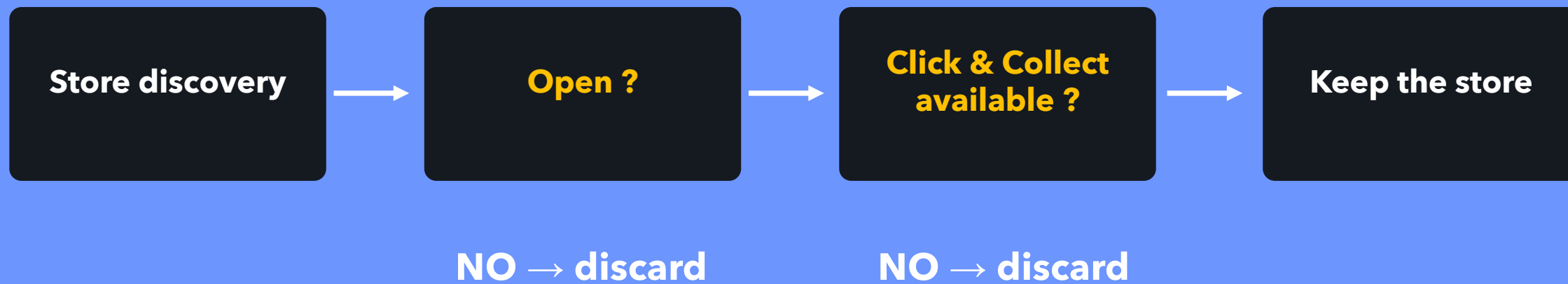
If the current time is
past closing time,
trigger an
informational problem.

Geomap

The marker changes
color based on the
problem's severity.

Filter before monitoring

Keep only the restaurants where ordering is actually available.



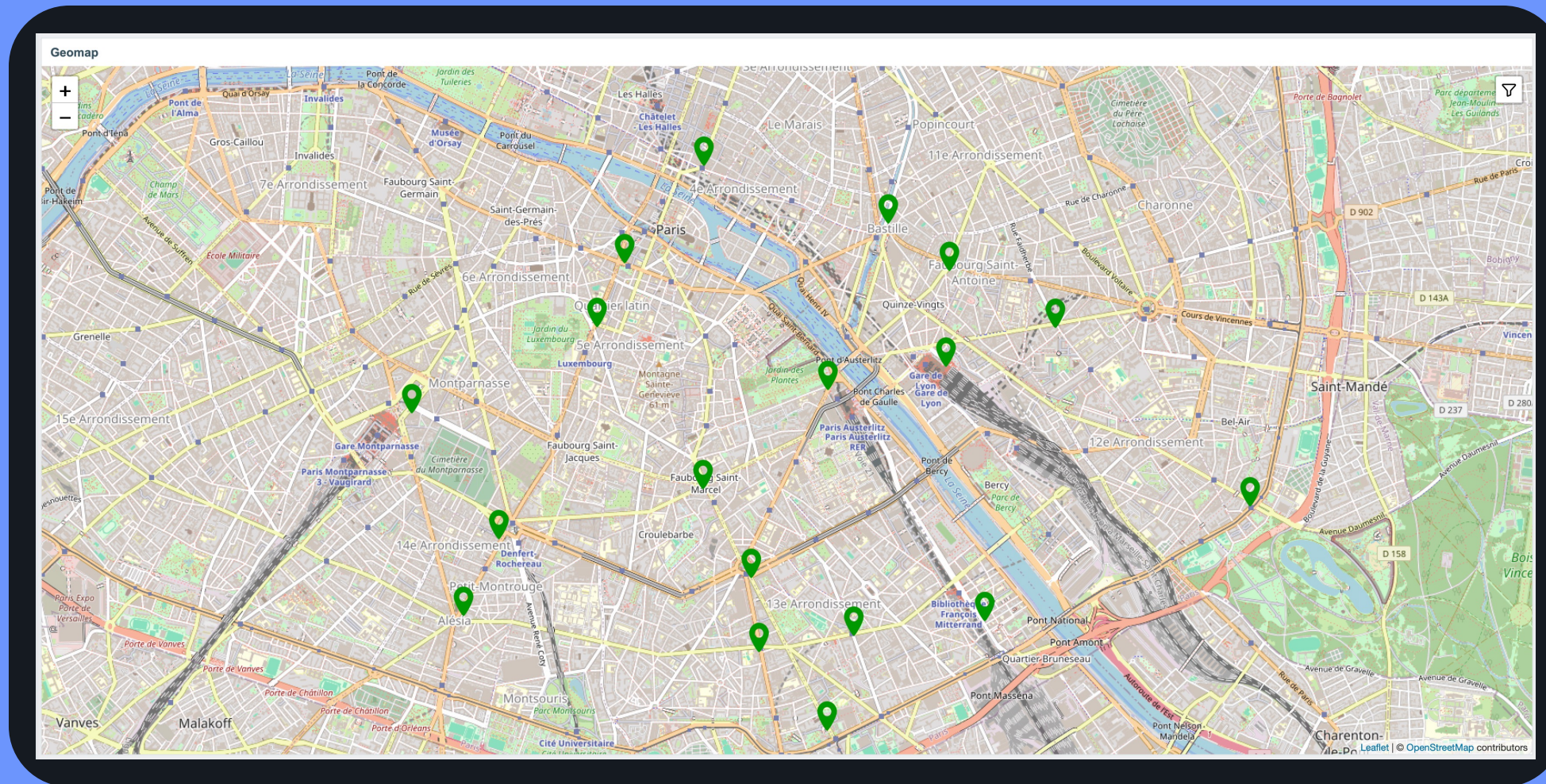
Filtering XPath

```
//div[contains(@class,'woosmap-slw-store-summary')][  
  .//p[contains(@class,'short-description') and normalize-space()='Ouvert']  
  and .//li[contains(@class,'store-service') and contains(@class,'available')  
  and contains(normalize-space(),'Click & Collect')]  
]
```

Problem solved

A simple question that requires combining several Zabbix building blocks.

“Where can I find a McFlurry right now, near me?”



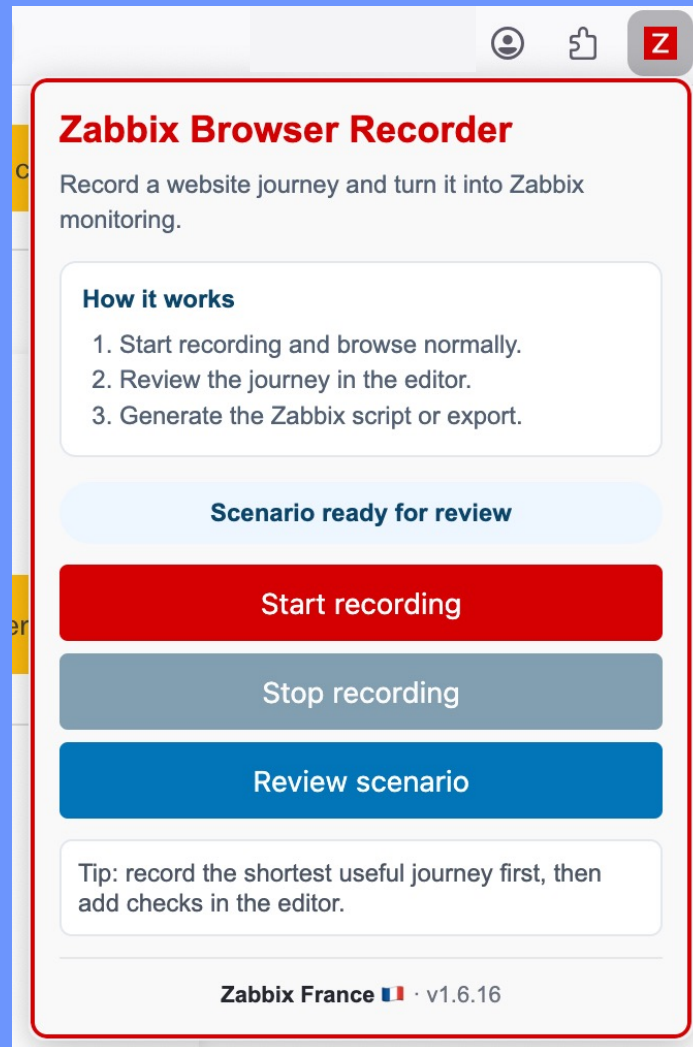
The Browser item checks actual availability

From a simple HTTP agent check to a full user journey.



Create or generate ? That is the question

Create the perfect user journey.



Firefox extension

Record the user journey

Review the scenario

- Adapt
- Correct

Generate the scenario

Like you did

Define every steps

Road to McFlurry is easy.



Nos Desserts



Desserts Glacés



McFlurry®



McFlurry® Nature ⓘ
4,65 €



Nappage caramel ⓘ
+ 0,30 €

Votre panier

Total (TTC) 4,95 €

Valider mon panier

McFlurry® Modifier

McFlurry® Nature
Nappage caramel

− 1 + 4,95 €



McFlurry®

VOTRE CROQUANT

 McFlurry® Nature >

VOTRE NAPPAGE

 Nappage caramel >

Quantité

− 1 +

Ajouter au panier 4,95 €

Generate the scenario

User journey definition

Extension: (Zabbix Browser Recorder) - Zabbix Browser Recorder Editor - v1.6.16

Zabbix Browser Recorder

Simple mode

Recorded steps

2 steps selected.

☐ open | https://deliveroo.fr/fr

Perf

Snap

Wait

Check

Edit

Note

Var

Adv JS

Dup

↑

↓

On

×

☐ Wait 5000 ms

Perf

Snap

Wait

Check

Edit

Note

Var

Adv JS

Dup

↑

↓

On

×

☐ Screenshot

Edit

Note

Adv JS

Dup

↑

↓

On

×

☐ Click | id=location-search

Perf

Snap

Wait

Check

Edit

Note

Var

Adv JS

Dup

↑

↓

On

×

☐ Wait 5000 ms

Perf

Snap

Wait

Check

Edit

Note

Var

Adv JS

Dup

↑

↓

On

×

☐ Screenshot

Edit

Note

Adv JS

Dup

↑

↓

On

×

☐ type | id=location-search | paris 12

Perf

Snap

Wait

Check

Edit

Note

Var

Adv JS

Dup

↑

↓

On

×

☐ Wait 5000 ms

Perf

Snap

Wait

Check

Edit

Note

Var

Adv JS

Dup

↑

↓

On

×

☐ Screenshot

Edit

Note

Adv JS

Dup

↑

↓

On

×

Zabbix YAML template

Export an import-ready Zabbix YAML template generated from the recorded journey, screenshots, checks, and performance steps.

Export YAML template

Save scenario

Load scenario

Zabbix France

• v1.6.16

Zabbix Summit 2026

Selenium grid

Executing the user journey.

Overview

Sessions

Help

Queue size: 0

Concurrency

100%

1 / 1

Selenium Grid4.49.0 (revision bedb24f bedb24f6f703876e7e4c5d506f0d697eb358c720)

Running

Search...

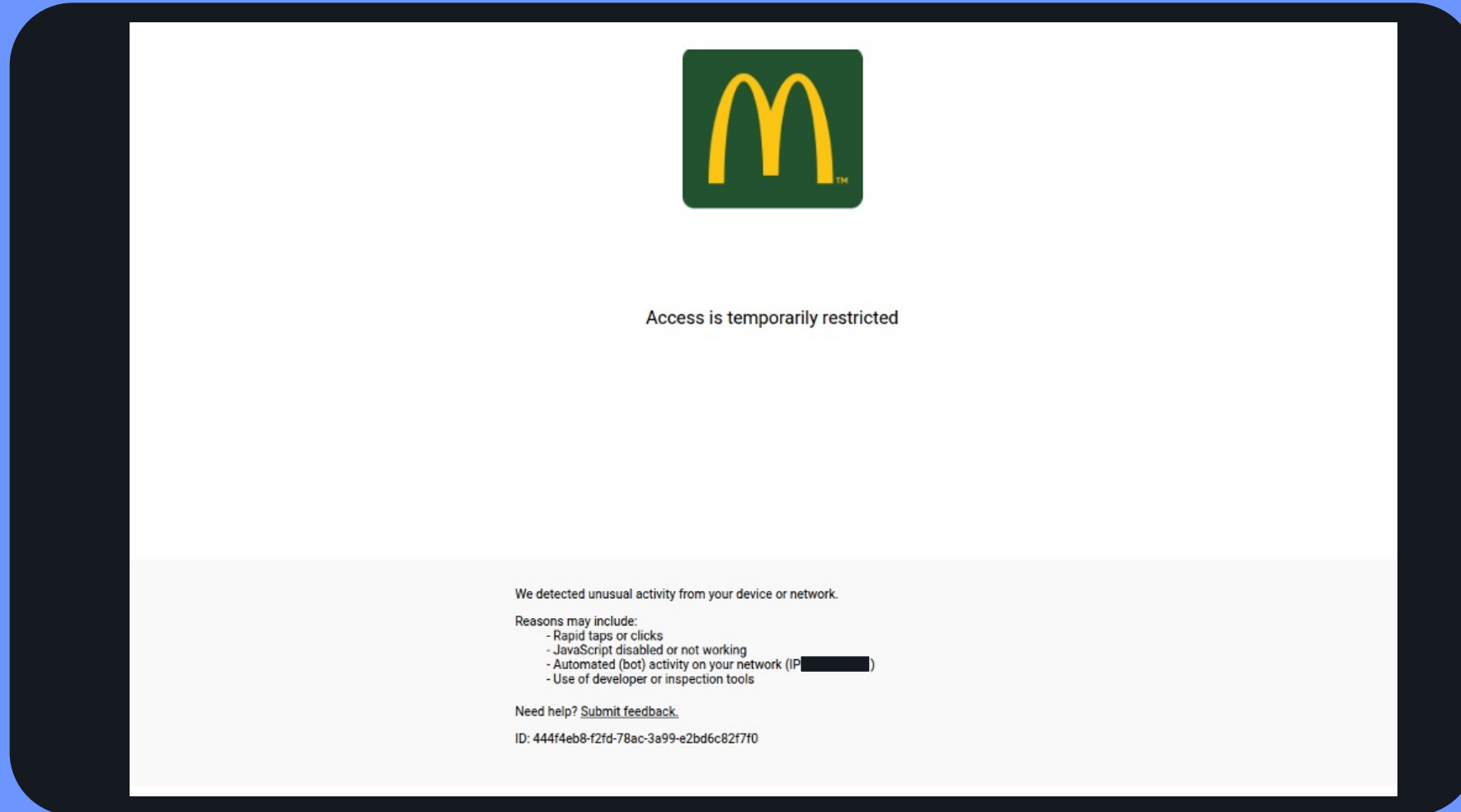
Session	Capabilities	Start time	Duration ↑	Node URI
13d58092eebc789428adf3a0ef7158d4	v.153.0.8010.47		11.1s	http://172.17.0.3:4444

Rows per page: 10 1-1 of 1

Dense padding

And.....

SOC team before McFlurry.



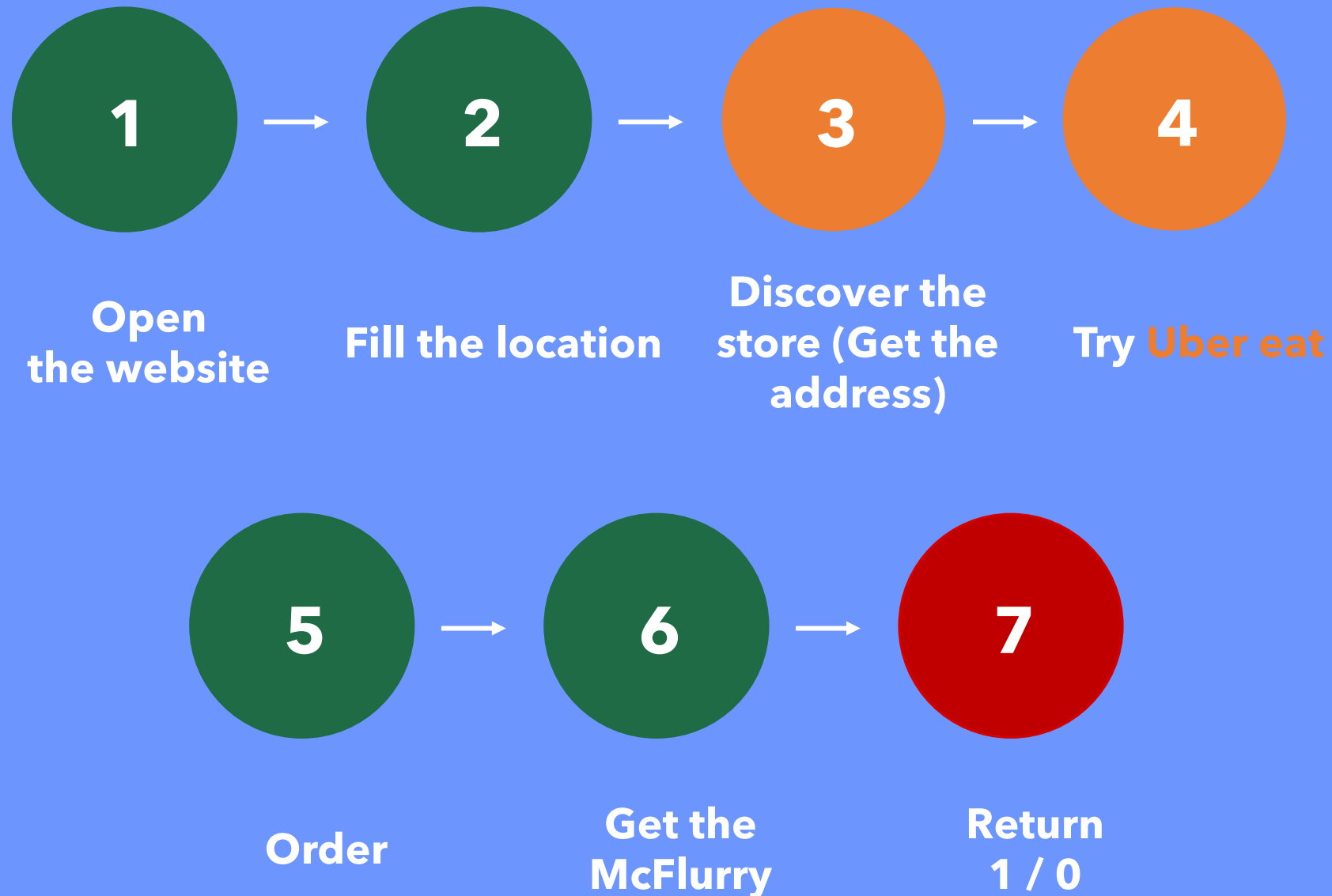
So.....

Put the hood on.



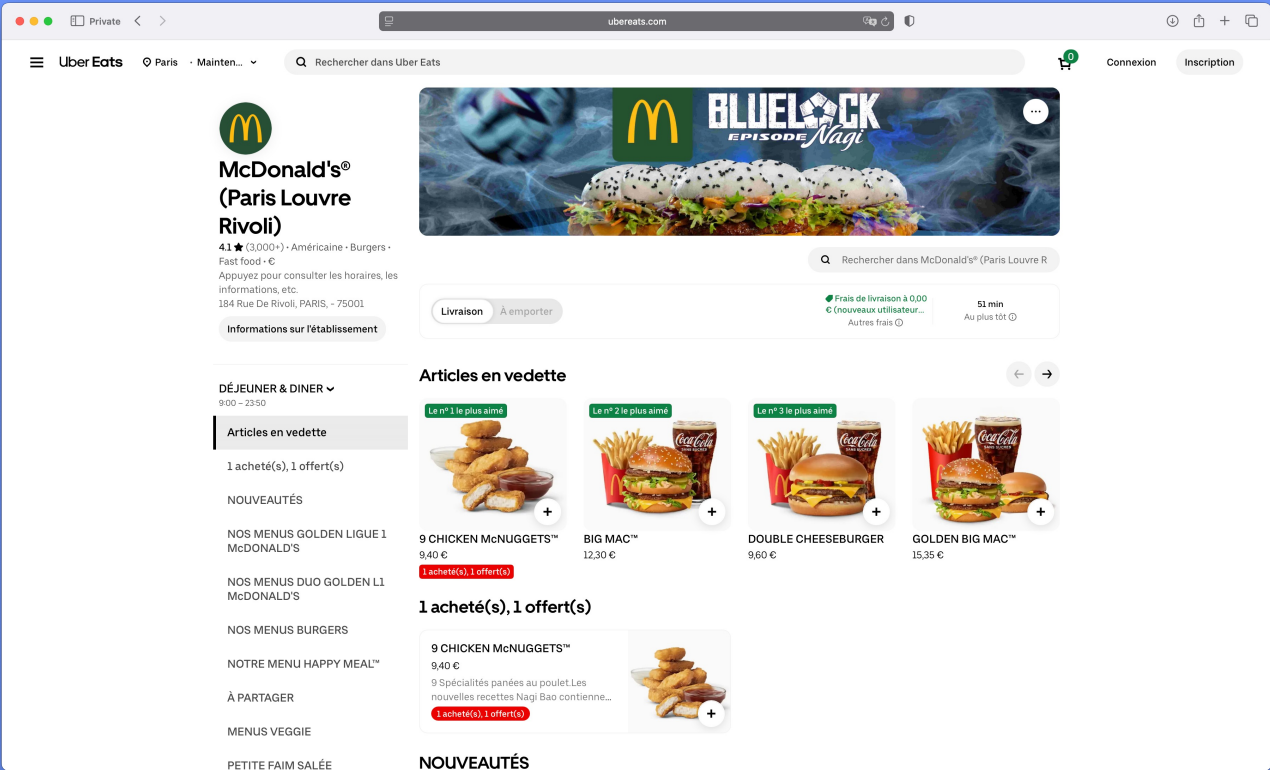
The Browser item checks actual availability

From a simple HTTP agent check to a full user journey.



Define every steps

Road to McFlurry is easy.

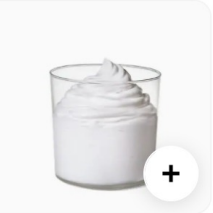


NOS DESSERTS GLACÉS

McFLURRY® NATURE

5,95 €

McFLURRY





McFLURRY® NATURE

5,95 €

McFLURRY

Les plus populaires

#1, Commandé par plus de 20 personnes

McFLURRY® NAPPAGE SAVEUR CHOCOLAT

#2, Commandé par plus de 10 personnes

McFLURRY® NATURE

McFLURRY® NATURE

Choisissez-en 1

McFLURRY® NATURE

McFLURRY® NAPPAGE SAVEUR CHOCOLAT

+0,25 €

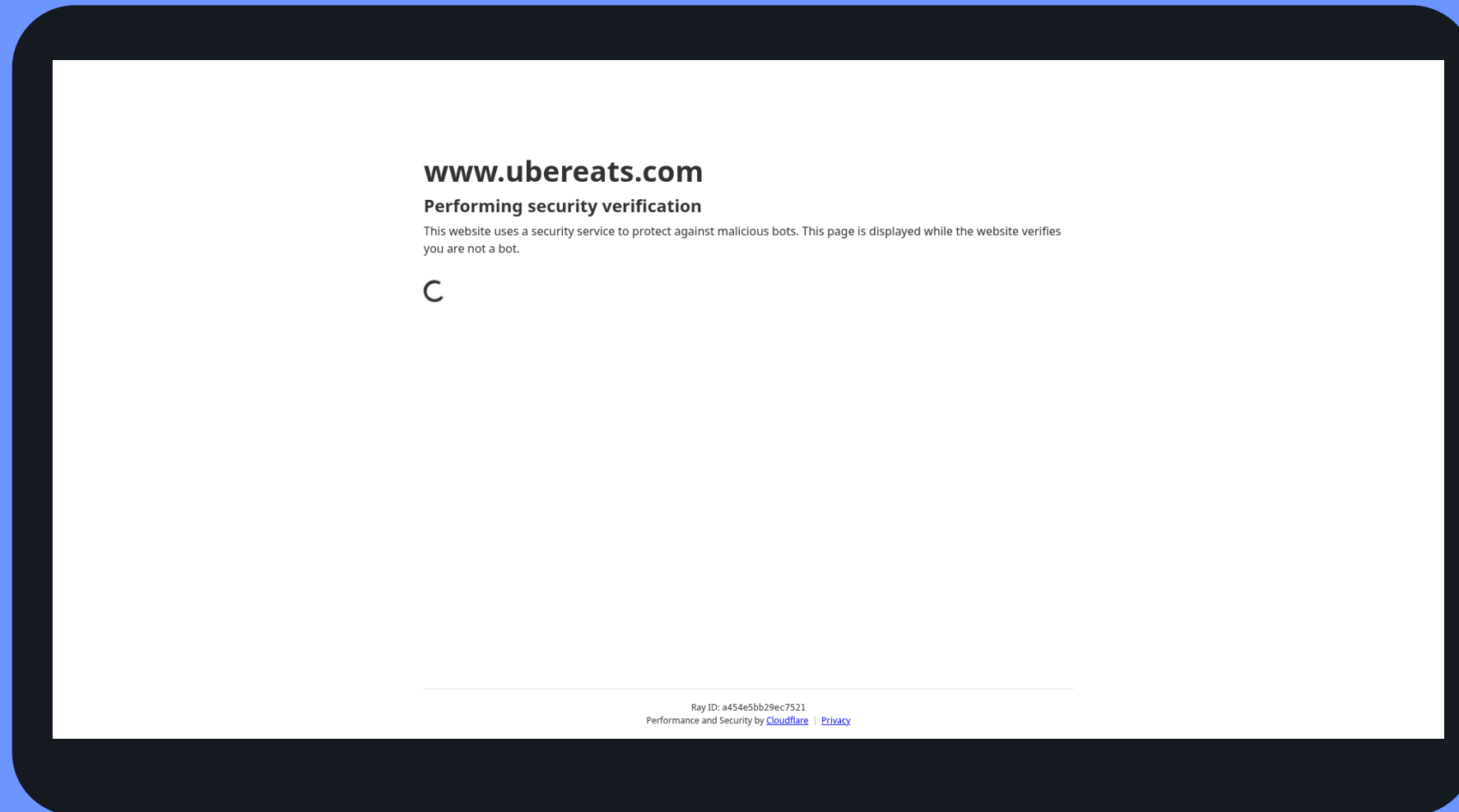
Populaire

McFLURRY® NAPPAGE CARAMEL

+0,25 €

And.....

SOC team before McFlurry.



So.....

Put the hood on.



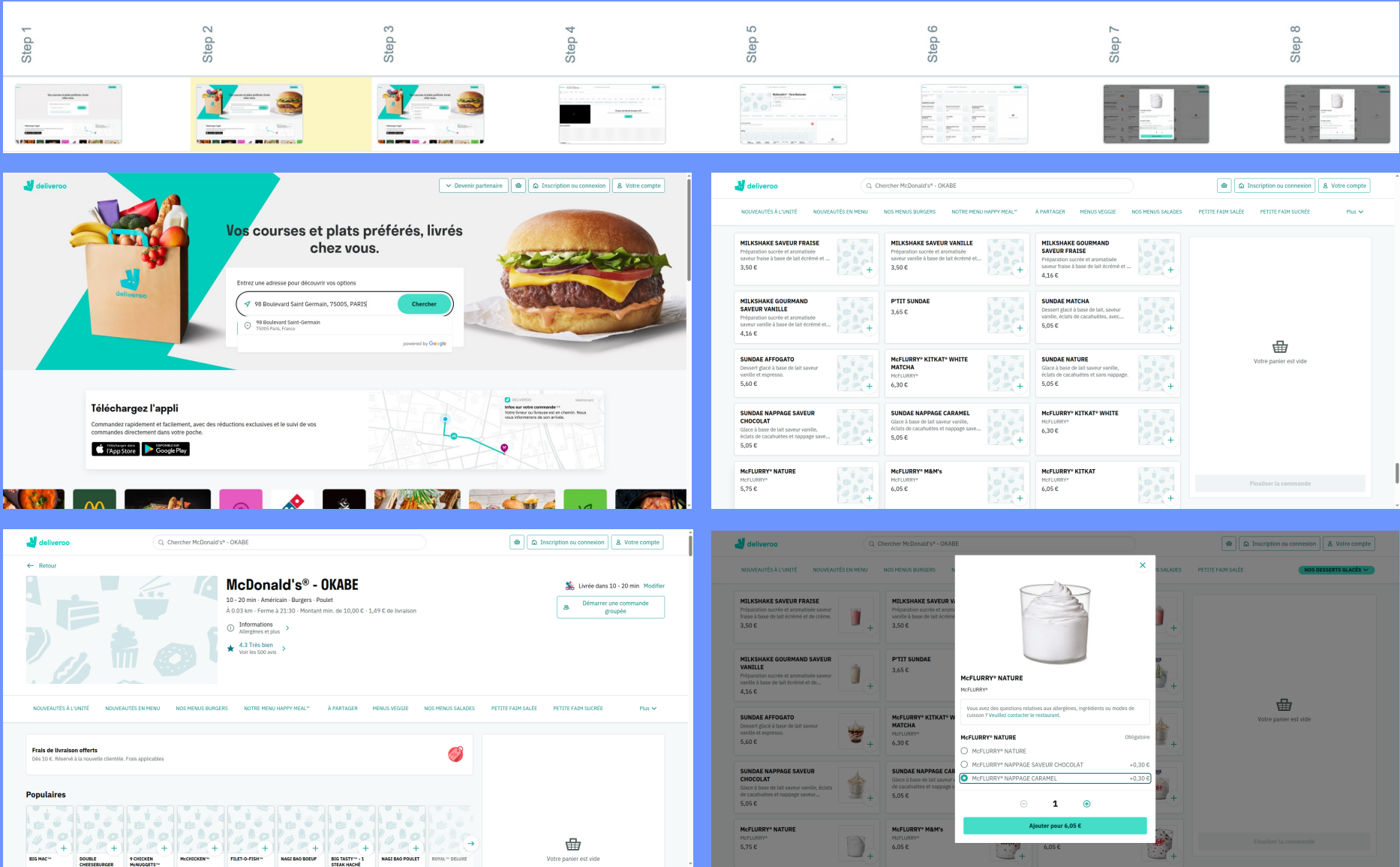
The Browser item checks actual availability

From a simple HTTP agent check to a full user journey.



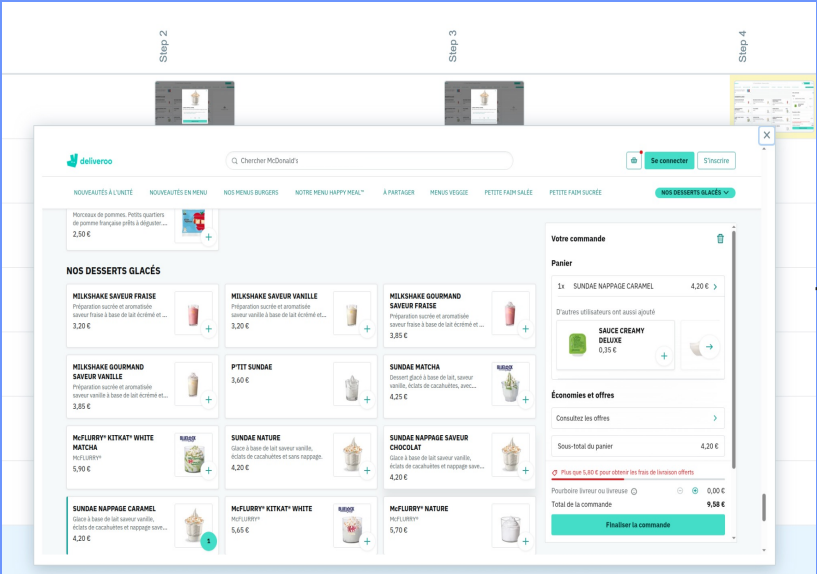
Define every steps

Road to McFlurry is easy.

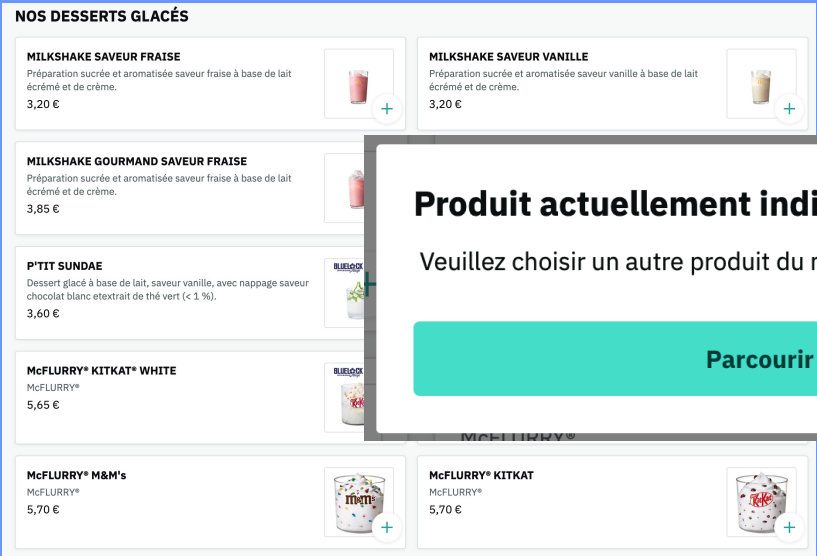


The Browser item checks actual availability.

From a simple HTTP agent check to a full user journey.



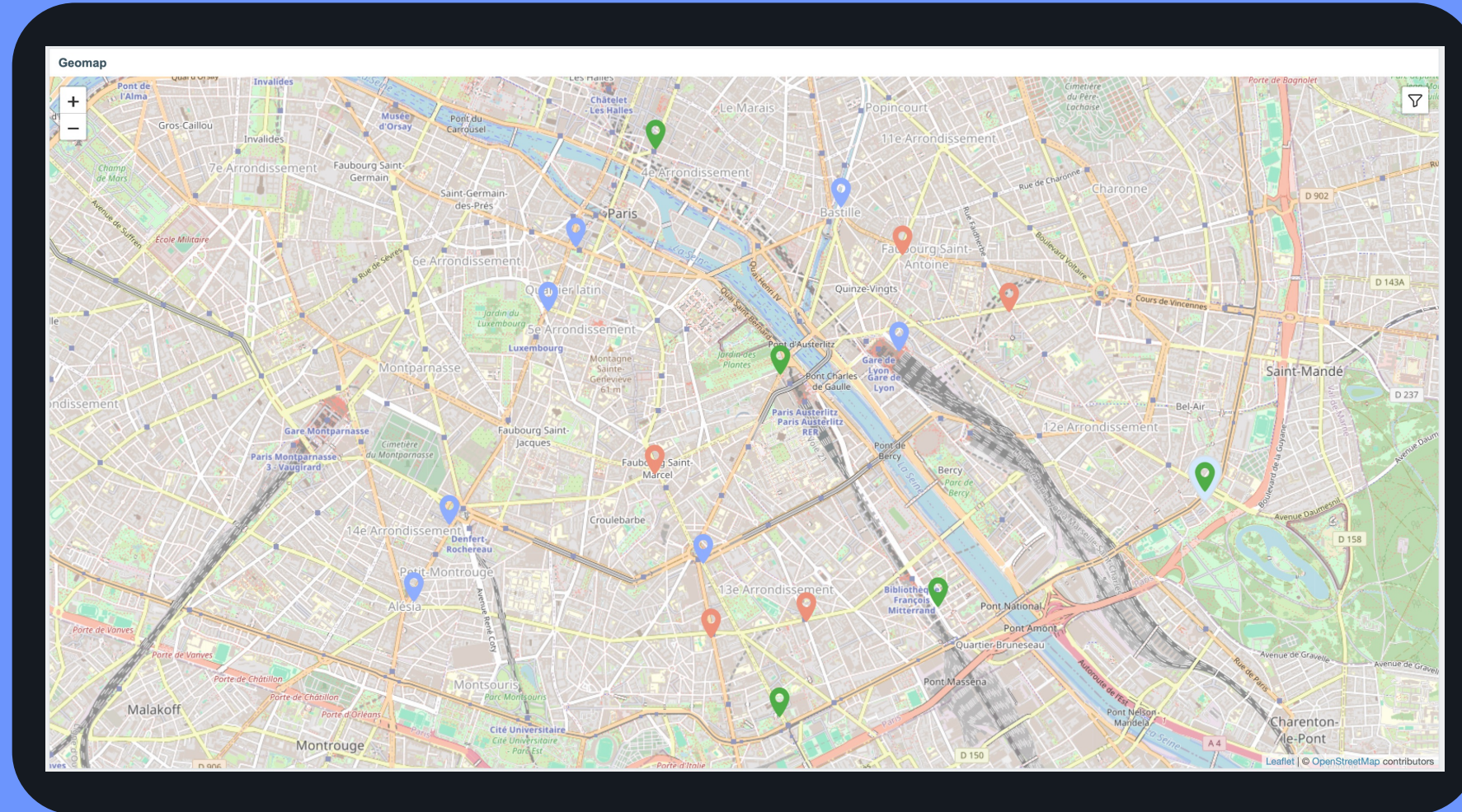
Return 1



Return 0

Check the Geomap

Location and availability of the McFlurry.



In summary

A simple, visual, and repeatable flow



Send My Location

From the phone → sender by API (history.push)



Get Discovered Restaurants

Name, address, ID, opening status, Click & Collect



Run the Browser Item

Access ordering and search for the McFlurry

What this demo really shows

The McFlurry is just the excuse – the real subject is observability.

Collect

HTML, DOM, HTTP,
Browser, external data.

Transform

XPath, regex,
JavaScript, geocoding.

Visualiser

Geomap, problems.

Replace “McFlurry” with...

product stock / inventory

charging station

SaaS service

train / delivery

e-commerce price

booking / reservation

My summary



Steve Destivelle / CEO of ZABBIX FRANCE

**IF YOU CAN COLLECT IT,
ZABBIX CAN PROBABLY MONITOR IT.**

Even a McFlurry.

Questions ?