Lucidworks

QE Automation Dashboards

From concept to completion

Jorge Mares

04/25/23

Agenda

- Problem Statement

- Storming and Forming

- Prototype

- Implement Solution

Lucidworks

Problem Statement

What is the need we are solving for

Single view of Automation Results and trends over time

Combined Results for all test automation runs in single graphs

- Daily Results
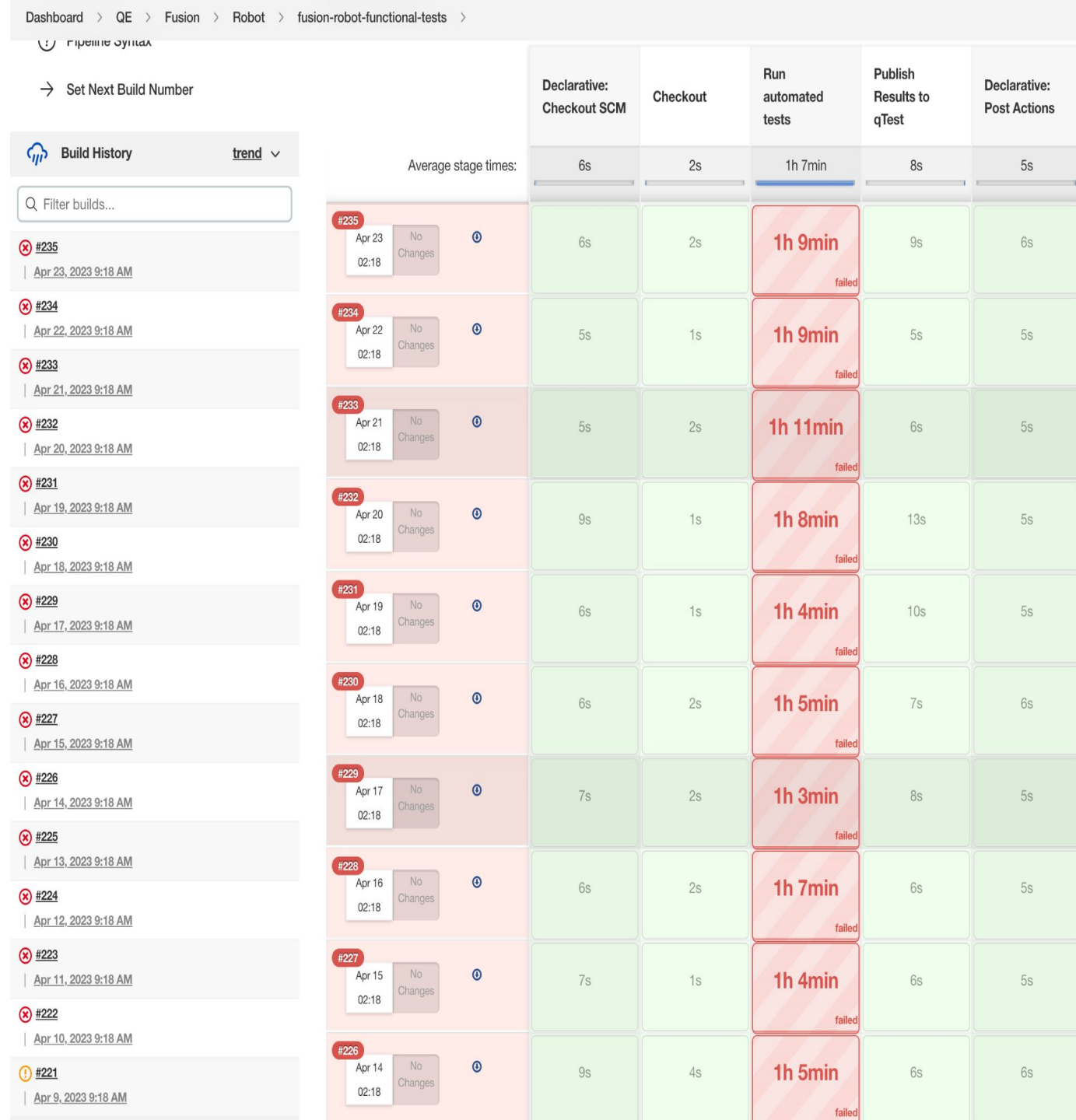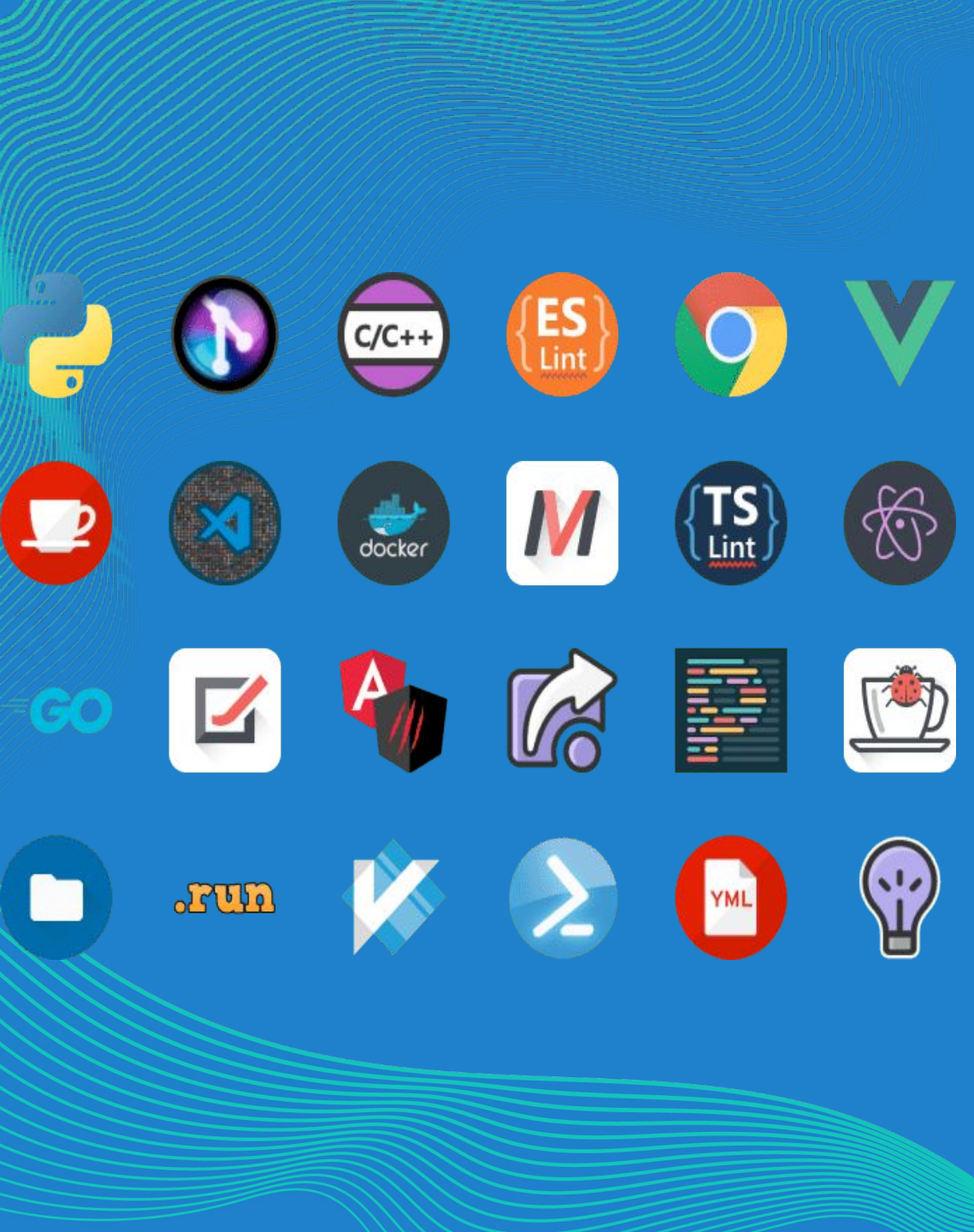
- Results over time / Trends

Drill down results

- Grouping

  - Environment

  - Type

- Individual Tests

- Track down errors

What we had

Lots and lots of Jenkins logs

- Very long

- Many different windows

- Hard to read

- Overall very time consuming

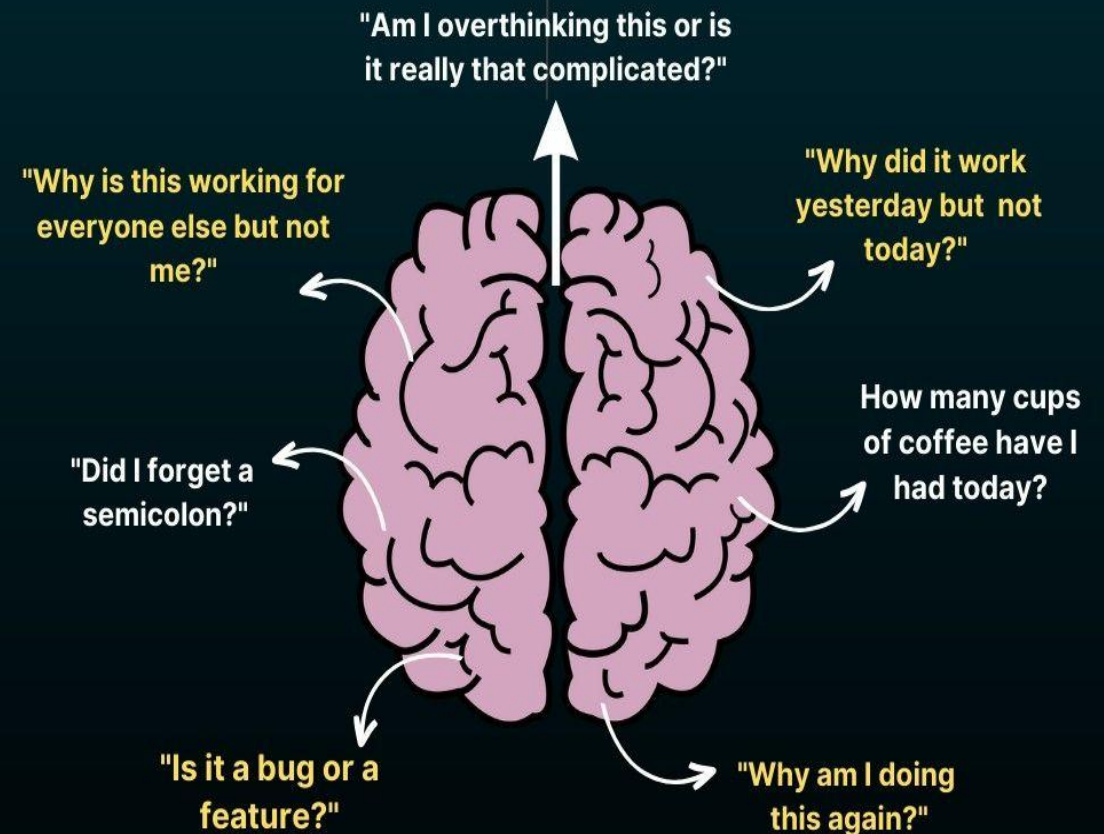Lucidworks

What we know

Tools in question

- Jenkins and Domo
- Python or Postman
- Cloud storage: GCP , BigQuery, Google Drive
- API's

What we overcame

Problems and Roadblocks

- Where do I start
- New tools
- Balancing time between meetings and work time
- Permissions

Prototype

Let's see if this actually works

Getting over the first wall

- Domo does not like me :(
- Not user friendly

What we learned

- More control of the data is needed

Our solution

- SQL Queries
- More SQL Queries
- Even more SQL Queries
- New selection of cloud storage

Lucidworks

Implement the solution

This is how we do it

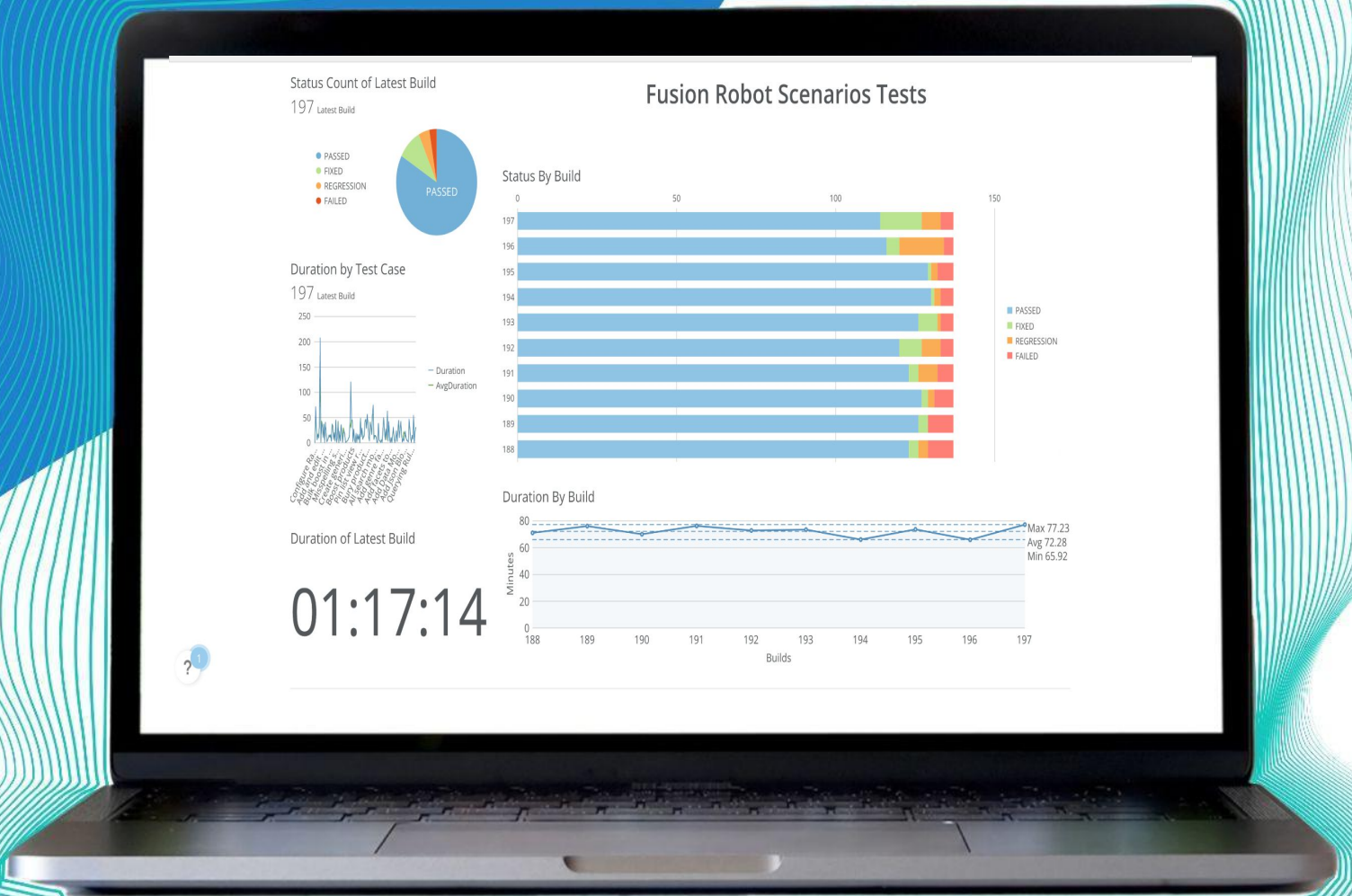# What did I learn along the way?

EVERYTHING!

Before

After

Demo Time!

Lucidworks

Lucidworks

THANK YOU