

Jiskefet presentation



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Introduction

Front end developers - Tetiana, Shayeed

Back end developers - Oscar, Lucas, Victorien

Product owner - Patrick

Client - CERN (Center for European Nuclear Research)

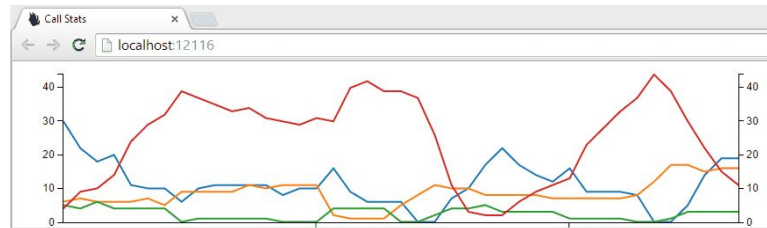
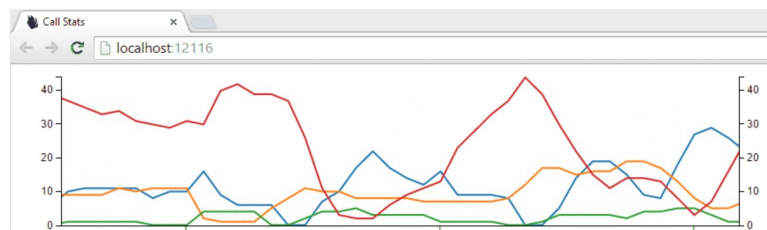
Users - Employees at CERN who are monitoring ALICE experiments.

Problem of the Client

Jiskefet is a bookkeeping system for ALICE experiments data.

CERN is currently running a Jiskefet version that is unable to visualize data and metadata dynamically.

That is why our team had the assignment to create/improve the Jiskefet system to be able to display data and metadata dynamically.




What we have done

- Configured a CentOS server to a web server
- Developed REST API's to send data and metadata to the front end
- Installed Swagger to manage API's
- Displayed data in interactive pie charts
- Created project documentation

Helper in communication and documentation:

- Github, Slack channel, Latex, Jira, stand-up meeting

Back end - Swagger

 **swagger**

Logout

You are logged in as: jiskefet

Jiskefet API

[Base URL: 127.0.0.1:8080]

Schemes

HTTP

Authorize

data

GET

/v1/data/

POST

/v1/data/

GET

/v1/data/{id}/

PUT

/v1/data/{id}/

PATCH

/v1/data/{id}/

DELETE

/v1/data/{id}/

experiments

>

file

>

Powered by [Django REST Swagger](#)

Api Root / Experiment List

Experiment List

OPTIONS GET

GET /v1/experiments/

HTTP 200 OK

Allow: GET, POST, HEAD, OPTIONS

Content-Type: application/json

Vary: Accept

```
{
  "count": 1,
  "next": null,
  "previous": null,
  "results": [
    {
      "name": "ATLAS",
      "description": "aaaa",
      "start_date": "2019-07-10",
      "end_date": "2019-07-10"
    }
  ]
}
```

Raw data

HTML form

Name

Description

Start date

mm / dd / yyyy

End date

mm / dd / yyyy

Front end - Demo

cmd.jiskefet.io

Further recommendations

Drink more coffeeeeeee

Front end which automatically updates whenever new data becomes available from the back end

Cooperation

5 members :

- 2 French
- 2 Dutch
- 1 Ukrainian

Discover each others culture

Communication in English



Questions?

