

1400MGE

Data cataloguing application

Realization

Setting up an application cataloguing of the data.

The exhibition was made on an End-User application with a google-like search engine.

The application core was based on daily scans of databases and data sources driven by algorithms and feeding an ElasticSearch application base.

Available data

Business market IS data under all existing technologies (Oracle, ElasticSearch, OrientDB, Hive, Hbase)

Developments

Implementation of the algorithmic strategy of automatic scans. and a No-SQL base structure detection algorithm.
Agile method (SCRUM)
Implementation of a monitoring report on the quality of the scans and user behaviors on Kibana (R processing)
Calculation and exposure of statistical metadata

Other possible applications:

Implementation of a similar application for another IS
Algorithm of scans on other technologies
A development monitoring application could be initiated from the structure detection algorithms of No-SQL databases.

Year of Achievement

2017-2018

Sector

Big Data

Client

EDF



1 080 000 €



6 people



Value Added

Knowledge given