Part 1

What is Kuzzle?
What Kuzzle does?
Kuzzle benefits
How to use Kuzzle?
Industrial strength
Use cases
Not only start-up friendly
WHAT IS KUZZLE?

A back-end

A BACK-END SOFTWARE
SELF-HOSTABLE & READY TO USE
TO POWER MODERN APPS

BACK-END
The server side of a rich application, handling data, searches and notifications
WHAT IS KUZZLE?
A back-end self hostable

A BACK-END SOFTWARE
SELF-HOSTABLE & READY TO USE
TO POWER MODERN APPS

SELF-HOSTABLE
On cloud services, hosting, intranet, IoT hardware, anything compatible with Linux or Docker.
WHAT IS KUZZLE?
A back-end self hostable & ready to use

A BACK-END SOFTWARE
SELF-HOSTABLE & READY TO USE
TO POWER MODERN APPS

READY TO USE
All the features you need to build a Web, mobile or IoT substantial project (SDK).
WHAT IS KUZZLE?
A back-end self hostable & ready to use to power modern apps

A BACK-END SOFTWARE
SELF-HOSTABLE & READY TO USE
TO POWER MODERN APPS

MODERN APP
Multi-device applications and/or real time applications (collaborative, notifications...)
Part 2

What is Kuzzle?

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WHAT DOES KUZZLE DO?

FEATURES

KUZZLE MANAGES ALL YOUR APPLICATIONS DATA WITH:

REAL-TIME
Synchronizes data on multiple devices, notifications, collaborative features...

STORAGE
Schema-less or schema-full database.

SEARCH
Fulltext search, stemming, geo-search, filtering, faceting...
WHAT DOES KUZZLE DO?

FEATURES

The 3 features converse among themselves.
WHAT KUZZLE DOES?

ADMINISTRATE YOUR APPLICATIONS AND YOUR USERS WITH RIGHTS MANAGEMENT
Part 3

What is Kuzzle?
What Kuzzle does?

**Kuzzle benefits**

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KUZZLE BENEFITS

ALLOW FRONT-END/UI TEAM TO BUILD MODERN APPS WITHOUT ANY BACK-END GURUS

YOU JUST NEED A KUZZLE SDK
KUZZLE BENEFITS

CONNECT EVERYTHING WITH API/SDK

SERVER

API

CLIENT

REST / WebSockets
AMQP / MQTT / STOMP

JS SDK

SDK

SDK
KUZZLE BENEFITS
Reduce the back-end development

- Save time
- Reduce cost
- Focus on the user-interface
KUZZLE BENEFITS
Dare digital innovation

KUZZLE ALLOWS YOU TO ACHIEVE DIGITAL PROJECTS YOU THOUGHT WERE UNREALISTIC!
COMPETITORS
For now not really competitors

Kuzzle is a breakthrough innovation that's why there is only one competitor:
  => the brake on change

  the fear of innovation and new way to develop apps
Part 4

What is Kuzzle?
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HOW TO USE KUZZLE?

1. INSTALL KUZZLE
2. PICK-UP SDK
3. BUILD YOUR APP

- Android
- iOS
- Javascript
- Custom

BUILD YOUR FRONT-END APP
Web - Mobile - IoT - Games

BUILD YOUR BACK-END
CUSTOM FEATURES ON TOP OF KUZZLE
Add plugin if necessary

Back Office
Part 5

What is Kuzzle?
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How to use Kuzzle?

**Industrial strength**
Use cases
Not only start-up friendly
INDUSTRIAL STRENGTH
TRANSPARENCY AND QUALITY

OPEN SOURCE
EVERYONE CAN
READ THE CODE
AND CONTRIBUTE

TEST DRIVEN CI
SOURCE CODE
ALWAYS TESTED
Kuzzle SDK and API are documented on our website: http://kuzzle.io/guide
INDUSTRIAL STRENGTH

KUZZLE IS BUILT ON CUTTING-EDGE TECHNOLOGIES
INDUSTRIAL STRENGTH
FULLY EXTENDABLE WITH PLUGINS

Hooks
Controllers
Authentication
Workers
Protocols
Pipes
INDUSTRIAL STRENGTH

AN ENTERPRISE EDITION FOR BUSINESS CRITICAL APPLICATIONS

High availability
If a Kuzzle server fails, your app still works with other Kuzzle(s).

Data metrics
4 types of probes to collect data and re-inject it to your dashboard provider.

Scalability
Scale up Kuzzle to follow your business growth.
Loadbalancer sur les différentes versions

If 1 Kuzzle fails, the app fails...

If 1 Kuzzle fails, still works with other Kuzzle(s)
Dashboard sur les différentes versions

Community

Kuzzle

Kuzzle BO

Enterprise

Kuzzle

Kuzzle data collector

Config

Storage

API

Kuzzle BO

Kibana

V1

V2
INDUSTRIAL STRENGTH
Kuzzle in figures

12
Employees in a R&D team.

800 000
Euros of funding by Kaliop Group.

1000+
Integration and unit tests.
KUZZLE IN RETROSPECT
Part 6

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Use cases
Not only start-up friendly
Notify Justin if a 22 year old + brunette is less than 500 meters around

- Event subscription
- Geo-event subscription
- Notification feature
- Real-time data sync
- Database storage
- Search & geosearch
USE CASES

Uber

Display on the map all the taxis available, ready to pick me up right now

- Geo-event subscription
- Notification feature
- Real-time data sync
- Database storage
- Search & geosearch
- Payment on travel duration
- Plugin to push the trip data to a payment solution
USE CASES

Google docs like

Synchronize all real-time actions & cursor moves on documents

- Notification feature
- Real-time data sync
- Database storage
- Search
- Multi-device
- Plugin to manage user login & policies

Docs, Sheets, and Slides on the go
USE CASES

Connected house

Show me all the electric stuff still on in the house & turn them off

- Event subscription
- Notification feature
- Real-time data sync
- Database storage
- Search
- Drive IoT actions
- Multi-device / IoT sync
USE CASES
Connected plants

Notify me if I need to water one of my plants

- Event subscription
- Notification feature
- Real-time data sync
- Database storage
- Search
- Drive IoT actions
- Multi-device / IoT sync
- Plugins to make some IoT protocols compatible
USE CASES
TV Box & apps

From my phone, add this show to my favorite list... I will watch it later on my tablet

- Event subscription
- Notification feature
- Real-time data sync
- Database storage
- Search
- Multi-device sync
- Plugin to import TV program feeds
USE CASES
Smart City

Notify the maintenance teams if something is wrong near their location. Aggregate all the energetic data and push them to Big Data storage.

- Geo-event subscription
- Event subscription
- Notification feature
- Real-time data sync
- Industrial MQ protocol
- Plugin to push data on Big Data storage engines
USE CASES

Online Games

Synchronize all the visible events to online players

- Event subscription
- Notification feature
- Real-time data sync
- Database storage
- Plugin to push scores to facebook / mails
Part 7

What is Kuzzle?
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Not only start-up friendly
Kuzzle can be used in Kaliop’s projects

KUZZLE CAN PROVIDE COMPLEX FEATURES, MADE EASY TO DEVELOP, ON TOP OF EXISTING PROJECTS.
Kuzzle can be used in Kaliop’s projects

Example: live chat add-on

- Event subscription
- Notification feature
- Real-time data sync
- Database storage
- Search
- Plugin to use existing SSO & connect to CMS
Kuzzle can be used in Kaliop’s projects

Example: notification feature

- Event subscription
- Notification feature
- Real-time data sync
- Database storage
- Search
- Plugin to get the business logic behind the notifications
Kuzzle provides the geo-search / match preferences feature

- Event subscription
- Notification feature
- Real-time data sync
- Database storage
- Geo-event subscription
- Plugin to get the business logic behind the notifications

Kuzzle can be used in Kaliop’s projects

Example: Geo-search feature