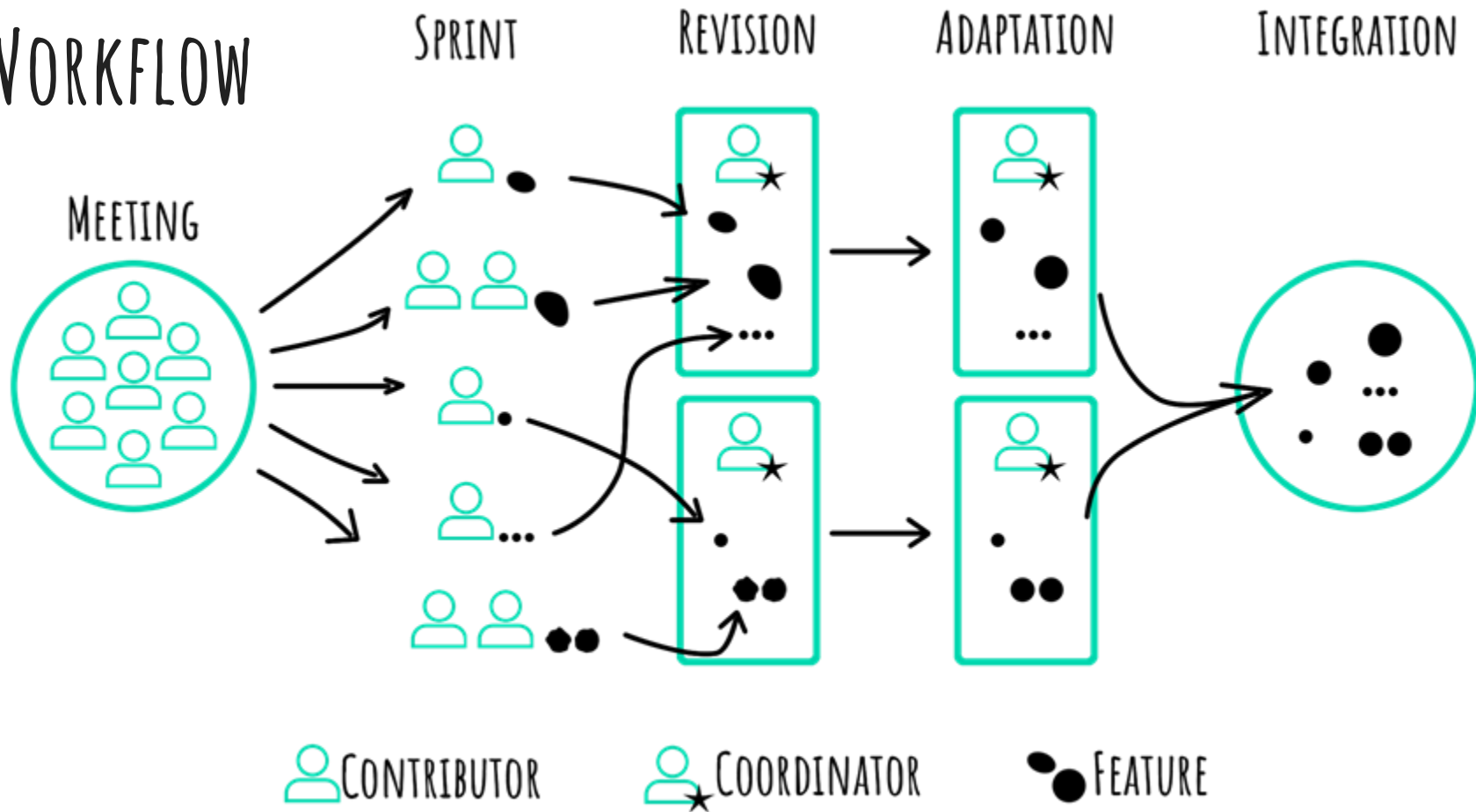


VIADE ES4C

Arquitectura del Software 2019/20

WORKFLOW



FRONT-END

GOALS

Scenario #3: Extension of the functionality

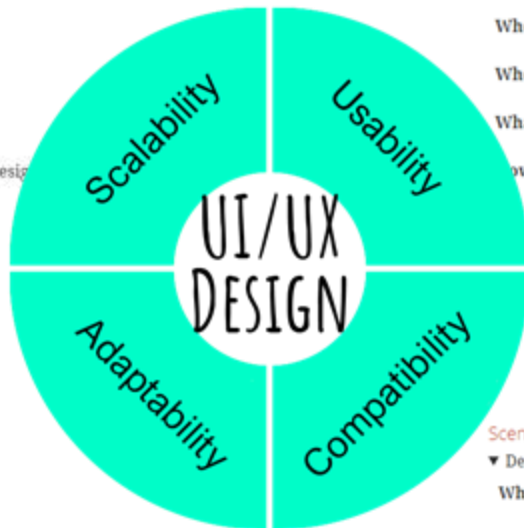
▼ Details

Who	Any member of the development team
When	Starting to develop a new function
Where	Code
What	The code should be easy to extend its functionality
How	Keeping it as modular as possible and implementing software design

Scenario #8: Colorblind clarity

▼ Details

Who	Colorblind user
When	Using the application
Where	GUI
What	The user interface must be adapted to be easily usable by all the colorblindness types
How	Through the use of a valid palette, icons and texts



Scenario #11: New user understanding the application fast

▼ Details

Who	New user
When	First time using the application
Where	GUI
What	The user should be able to learn to navigate and use the app instantly
How	Keeping a clear and straightforward user interface

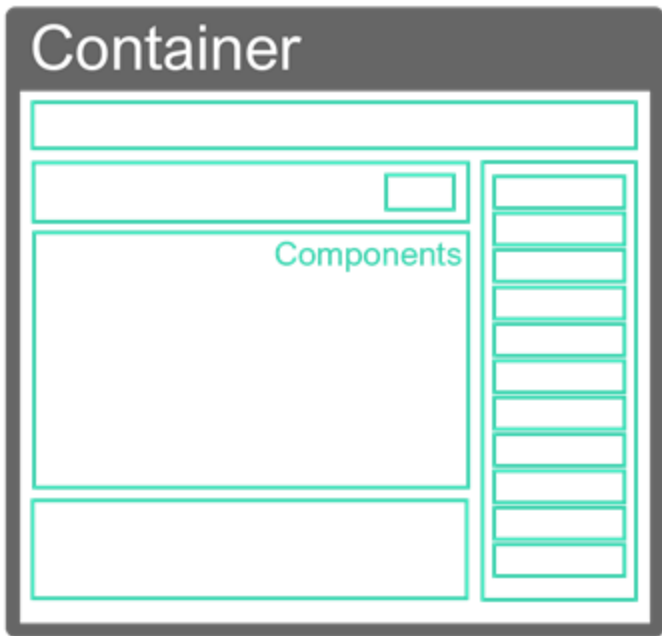
Scenario #12: Mobile compatibility

▼ Details

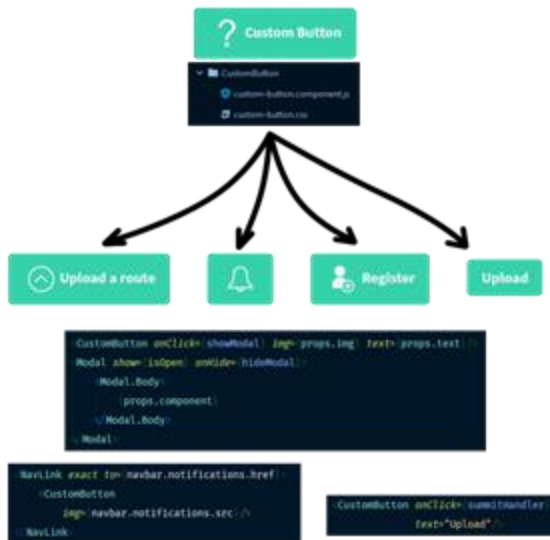
Who	Mobile user
When	Using the application
Where	The whole application
What	The user should be able use the application without problems
How	Making the interface and functionality compatible with lesser screens

SCALABILITY

Modular design



Genericity



Abstraction



Scenario #3: Extension of the functionality

▼ Details

Who	Any member of the development team
------------	------------------------------------

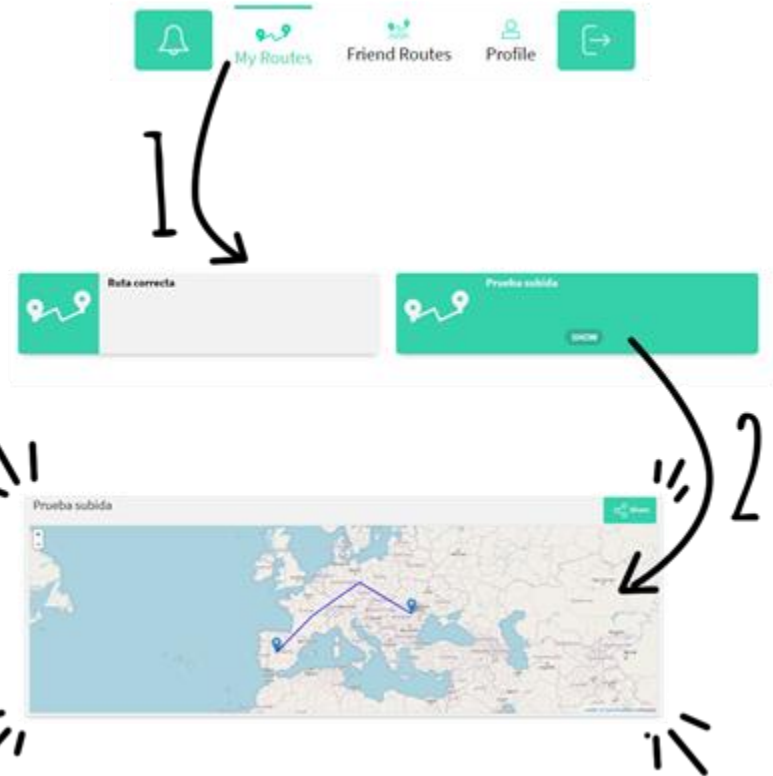
When Starting to develop a new function

Where Code

What The code should be easy to extend its functionality

How Keeping it as modular as possible and implementing software designs.

USABILITY



Scenario #11: New user understanding the application fast

▼ Details

Who New user

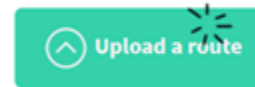
When First time using the application

Where GUI

What The user should be able to learn to navigate and use the app instantly

How Keeping a clear and straightforward user interface

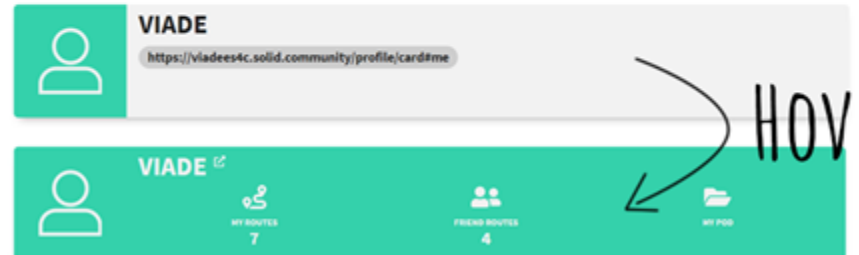
CLICK :)



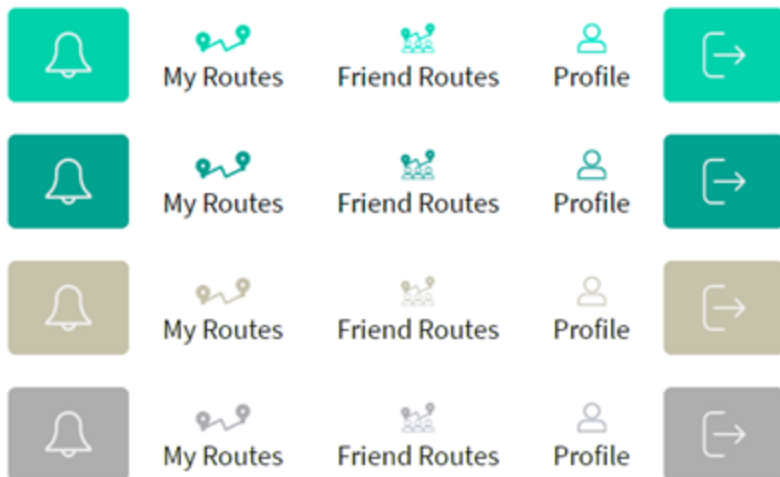
NO CLICK :(



Upload a new route



ADAPTABILITY



Scenario #8: Colorblind clarity

▼ Details

Who Colorblind user

When Using the application

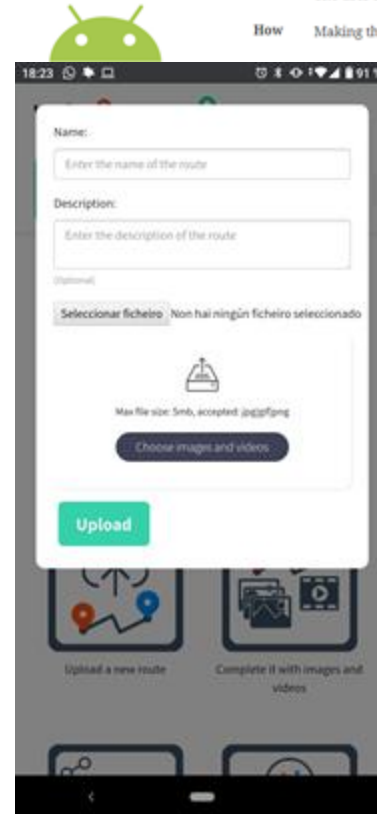
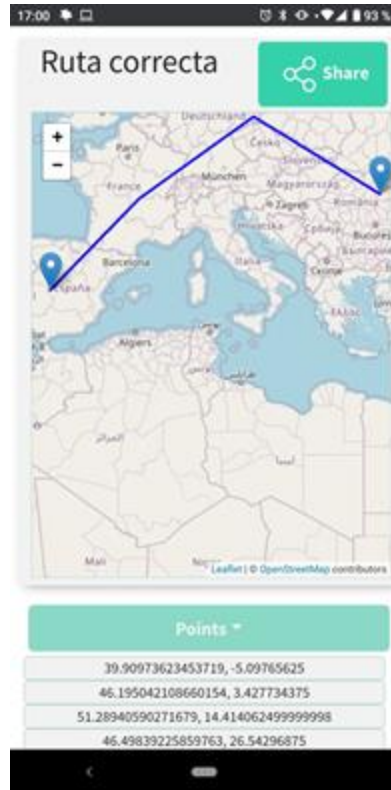
Where GUI

What The user interface must be adapted to be easily usable by all the colorblindness types

How Through the use of a valid palette, icons and texts



COMPATIBILITY



Scenario #12: Mobile compatibility

▼ Details

Who Mobile user

When Using the application

Where The whole application

What The user should be able use the application without problems

How Making the interface and functionality compatible with lesser screens

BACK-END

MAIN PILLARS

BACK-END

Object
RouteViade

Parsers

sparql-
fiddle

solid-file-client

Helpers

SPECIFICATION

Formato de la ruta

```
# Represents a route
:Route {
  schema:name          xsd:string ;
  schema:description xsd:string ? ;
  :point               @:Point * ;
  :gpx                 @:GPXShape ; // See ShEx description for GPX Routes
  :hasComments         xsd:string OR @:UserComment * ;
  :hasMediaAttached    @:Image OR @:Video * ;
}
```

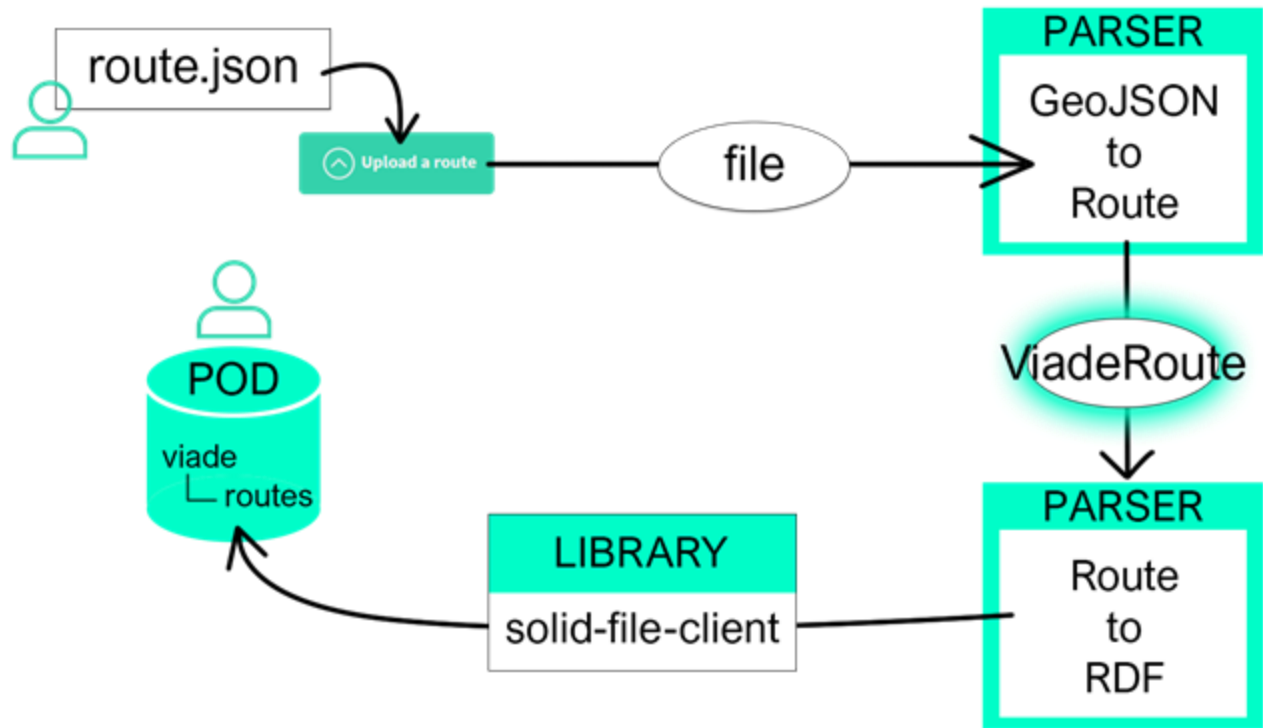
Parcialmente
notificaciones

Estructura de carpetas

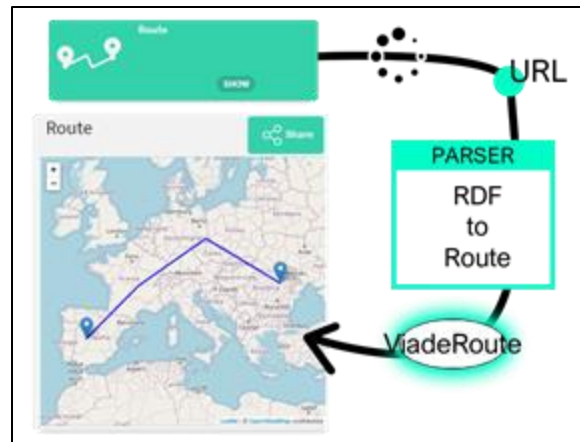
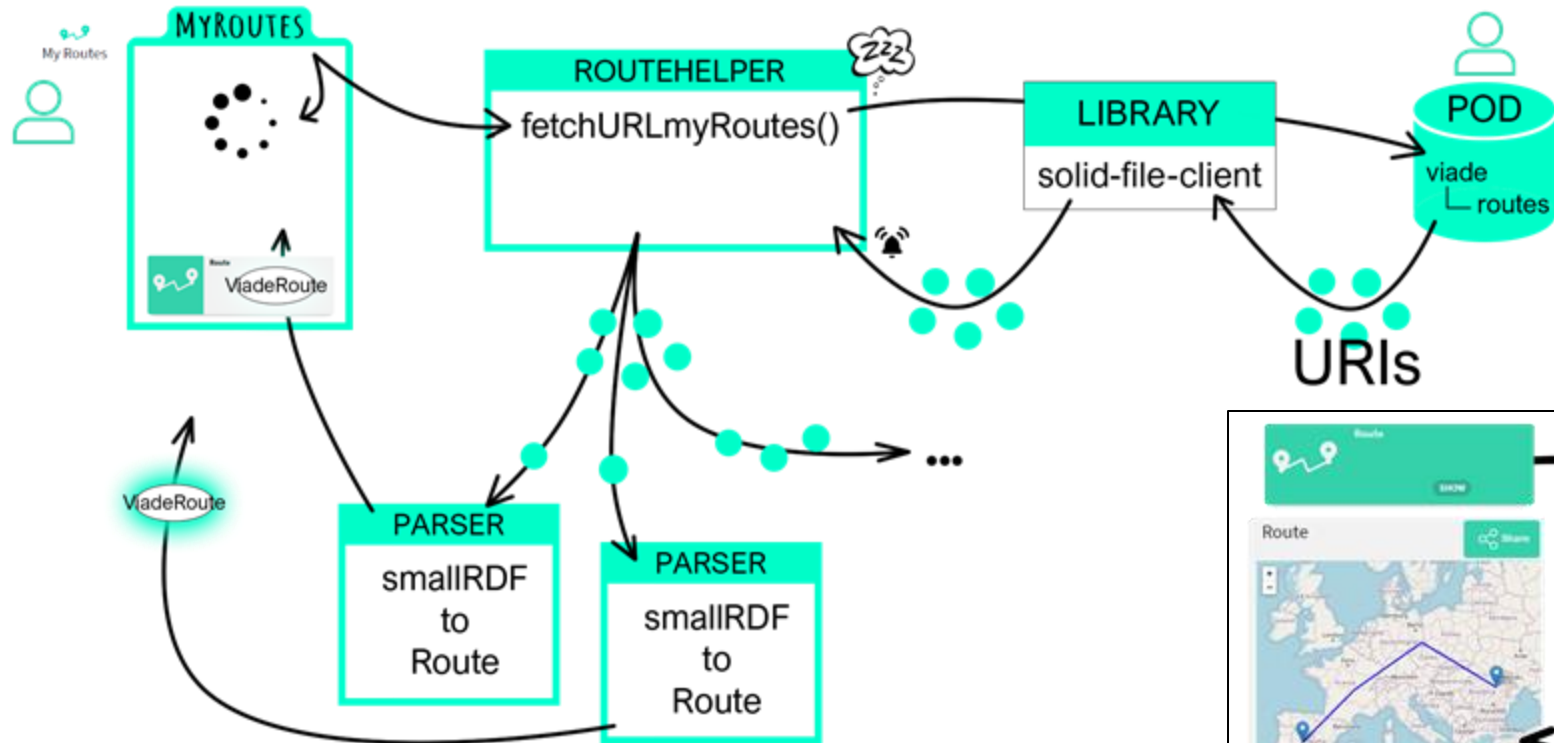
USER POD

```
>public
>viade
    >route
        +route1.ttl
    >media
        +media1.jpg
    >inbox
        +notification.ttl
        +shared_with_me.ttl
```

UPLOADING ROUTES



SHOWING ROUTES

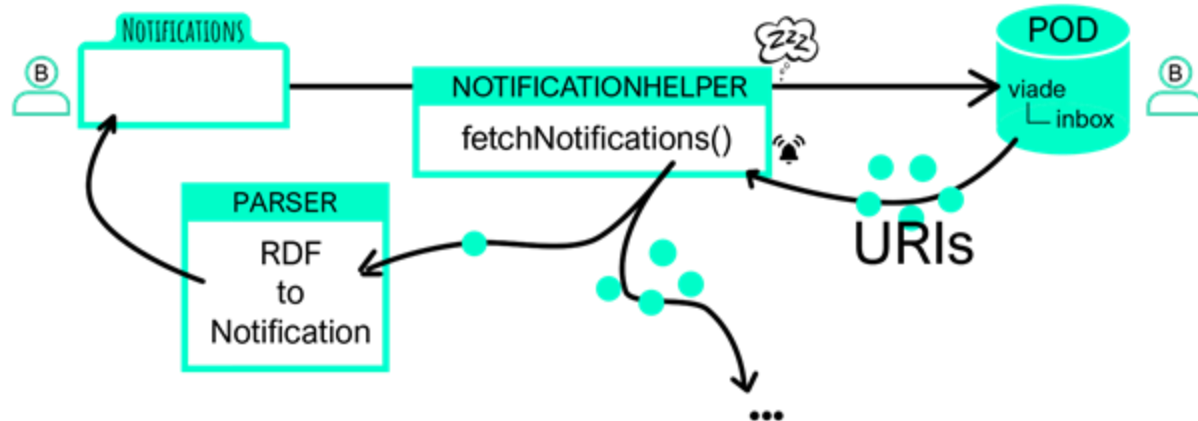


NOTIFICATION MANAGEMENT

SEND NOTIFICATION



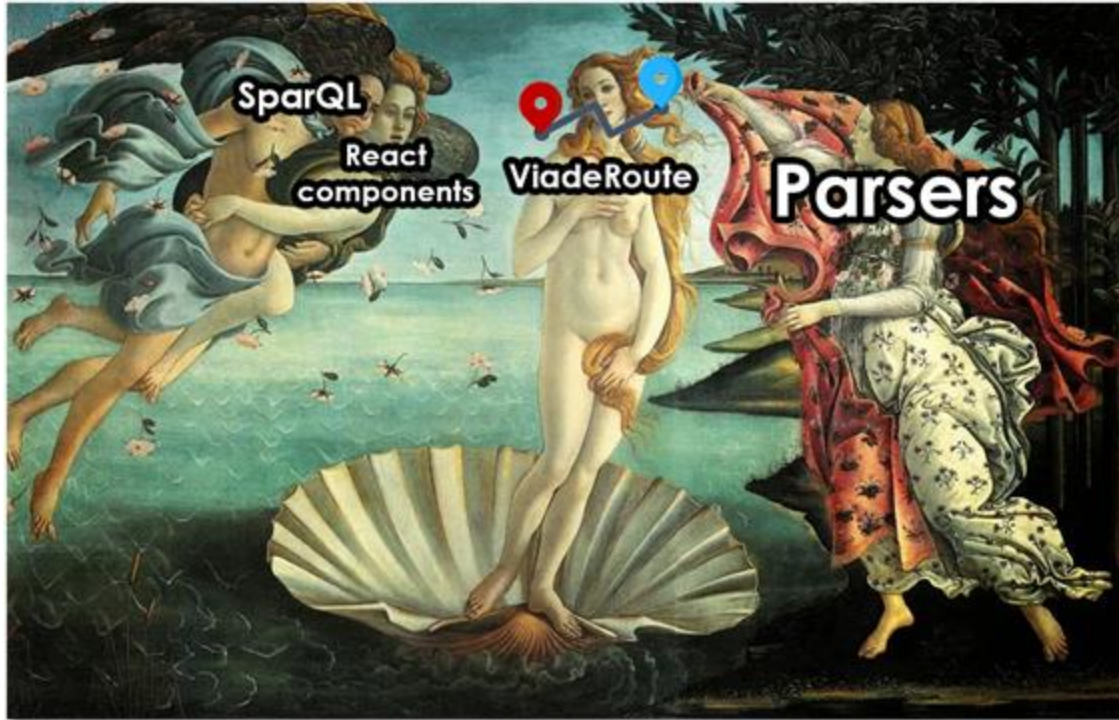
RECEIVE NOTIFICATION



ARCHITECTURE
CHOICES AND
MISCELLANEA

ARCHITECTURAL DESIGN

DOMAIN DRIVEN DESIGN



TESTING

Scenario #7: User beta testing

▼ Details

Who	A standard user
When	The application is usable
Where	Any point of the application
What	Try the app and give some feedback
How	Through an issue on GitHub



AlbaSS18 commented 17 hours ago



Inicié sesión y subí una ruta. Todo iba bien hasta que intenté ver las rutas que había subido. Fue en ese momento cuando me apareció un mensaje diciéndome que no había dado los permisos suficientes. Sin embargo, no fui capaz de cambiarlos. De todas maneras eso no me afectó y pude ver la ruta perfectamente. En la ruta sale el botón de clicar en los puntos inicio y final pero no hace nada. Debería quitarse la posibilidad de hacer clic o mostrar alguna opción. También sería interesante que apareciera información en el mapa y no al clicar el botón de points. Decir también que estaría bien añadir un botón de cerrar cuando te sale el panel al subir una ruta.



Maarr commented 17 hours ago



Probé a registrarme, iniciar sesión y subir una ruta. En mis rutas estaba la ruta subida donde al hacer clic se visualiza bien, si es verdad que pulsé en los puntos de ubicación de la ruta pensando que hacían algo y no hacen nada. Pero por lo demás está bien, es intuitiva y amigable. 🙌🙌

...

Scenario #6: Testing new functionality

▼ Details

Who	Any developer
When	Adding new functionality
Where	Any point of the application
What	Any new functionality added should be tested to confirm it's well implemented
How	Through a battery of unit tests

UPDATE - INSTALL

CREATE TEST

Enzyme
React Testing Library

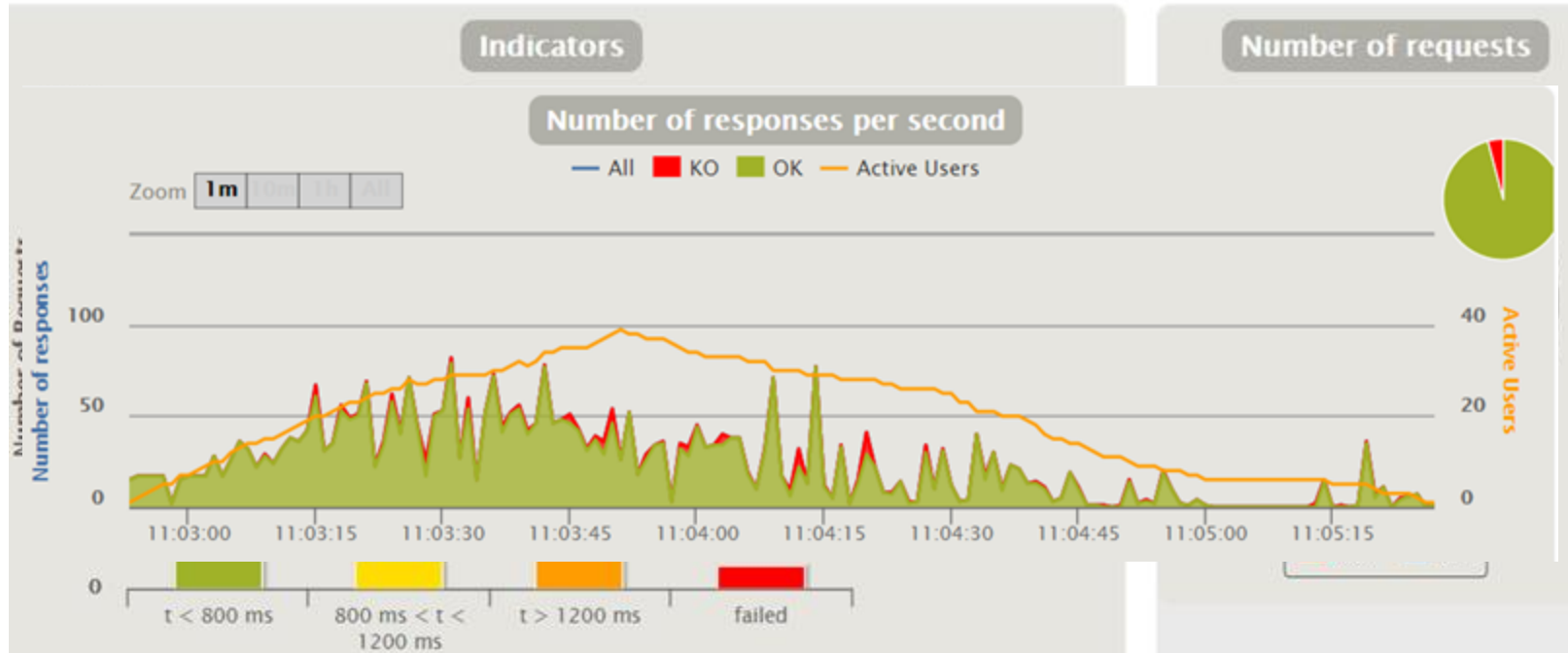
npm test

```
Test Suites: 26 passed, 26 total
Tests:       28 passed, 28 total
Snapshots:  6 passed, 6 total
Time:        27.774s
Ran all test suites.
```

LOAD TESTS

rampUsers(50) during(60 seconds)

70 request por usuario (iniciar sesión y navegar un poco por la aplicación)



LIBRARIES

TESTING

- react-testing
- jest-puppeteer
- enzyme

RESPONSIVENESS

- react-toastify

MAP

- react-leaflet

POD MANAGEMENT

- sparql-fiddle
- solid-file-client

PARSING

- gpx-parser

LAYOUTS

- react-bootstrap

EXTERNAL COMMUNICATION

Query over user's POD

■ Build a Solid App

How to query SOLID server using GET requests and the SPARQL protocol?

■ Build a Solid App ■ Developer Experience

inrupt / solid-react-components

<> Code ① Issues 6 Pull requests 1 Actions Projects 0

withAuthorization Redirect error #216

comunica / actor-http-solid-auth-fetch

<> Code ① Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights

QUESTION: How to use actor-http-solid-auth-fetch #29

inrupt / solid-react-components

<> Code ① Issues 7 Pull requests 1 Actions Projects 0 Wiki Security 0 Insights

Optionality of the aclUrl parameter in AccessControlList
#219

TovarashiTwin @TovarashiTwin · mar. 05 17:43
@jeff-zucker but <https://jeff-zucker.github.io/solid-file-client/docs/examples/> does run in a browser? (sry if its a dumb question, not very familiar with js and node at all) cause it can upload a local file to a pod. Asking because of this "a) in a browser to move files between pods or within a pod". Anyway thanks for the help

Jeff Zucker @jeff-zucker · mar. 05 17:50
@uo265009 you are correct, the example does run in a browser but only with a user action on an upload button that calls the browser's file manager ... you can not progamatically upload multiple files directly as you can from the command-line. For your purposes, the in-browser solution may be fine.

@uo265009 there are no dumb questions, always feel free to ask anything you don't understand, all of us have gaps in our knowledge somewhere

The other thing the in-browser solution can't do is move a folder tree from a local file system to a pod - you can upload multiple files but not a folder which you can do from the command line or Data Kitchen

PENDING ERRORS AND FEATURES

COMMENTS AND LIKES

```
class RouteViadeo{  
  
  constructor(name,items,description="", media=[], comments = [],url=""){  
    this.name=name;  
    this.items=items;  
    this.description=description;  
    this.media = media;  
    this.comments = comments;  
    this.url=url;  
  }  
}
```

NAVIGABILITY

Scenario #8: Navigable using keyboard

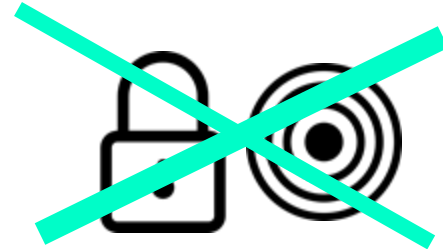
▼ Details

Who	Any user
When	Using the application with keyboard
Where	GUI
What	The user should be able to navigate through the whole application using only the keyboard
How	Through the use of correct shortcuts, tab navigation and mnemonics

SUPPORT FOR JSONLD AND KML



USABLE WAY TO ADD FRIENDS



FIN

Bueno, antes una demo cortita

- Alfonso García, Rut
 - Menchaca Mosteiro, Carlos
 - Lorenzo Vega, Manuel
 - Pancho Cueto, Daniel
 - Peláez Fernández, Christian
 - Sirgo López, Carmen
 - Soto Estévez, Ricardo
-