

JSREPORT DOCUMENTATION



1. Installation of JSReport
2. Setup of JSReport (All codes)
3. Testing the Report on a React App
with Screenshots

Installation of JSReport

For the installation of JSReport you need to follow these steps:

Step 1: Open a CMD with administrator rights.

Step 2: Install the JSReport using the command
npm install @jsreport/jsreport-cli -g

Step 3: Create a folder with the name jsreportapp:
mkdir jsreportapp
cd jsreportapp

Setup of JSReport

For the correctly setup of JSReport you need to follow these steps:

Step 1: Initialize JSReport using the following command:

jsreport init

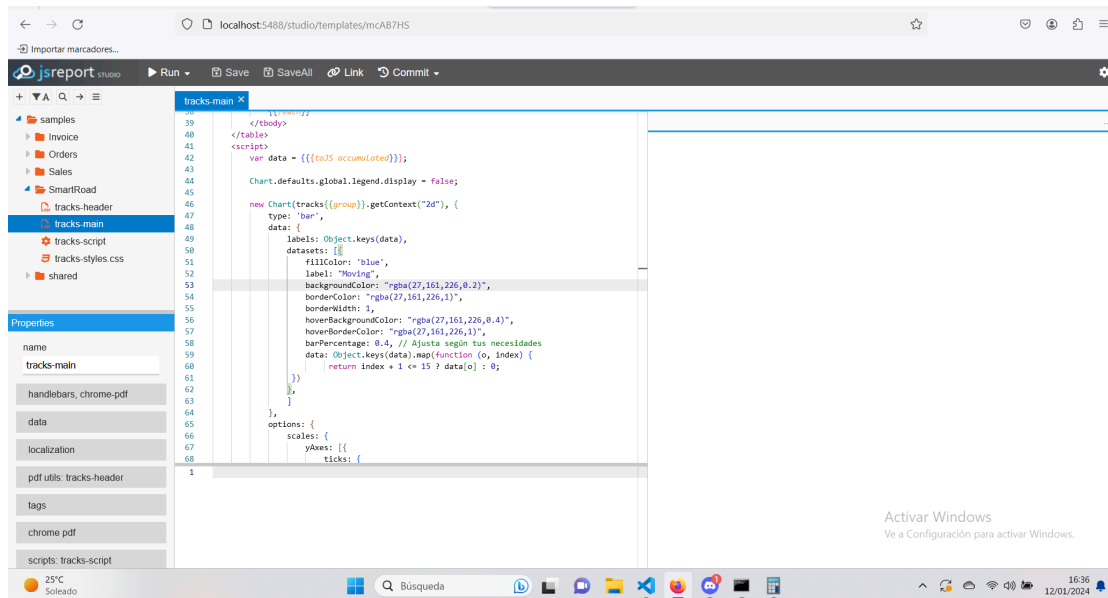
Step 2: Configure your JSReport using the following command:

jsreport configure

Bellow you have a screenshot of the configuration that I have working at the moment:

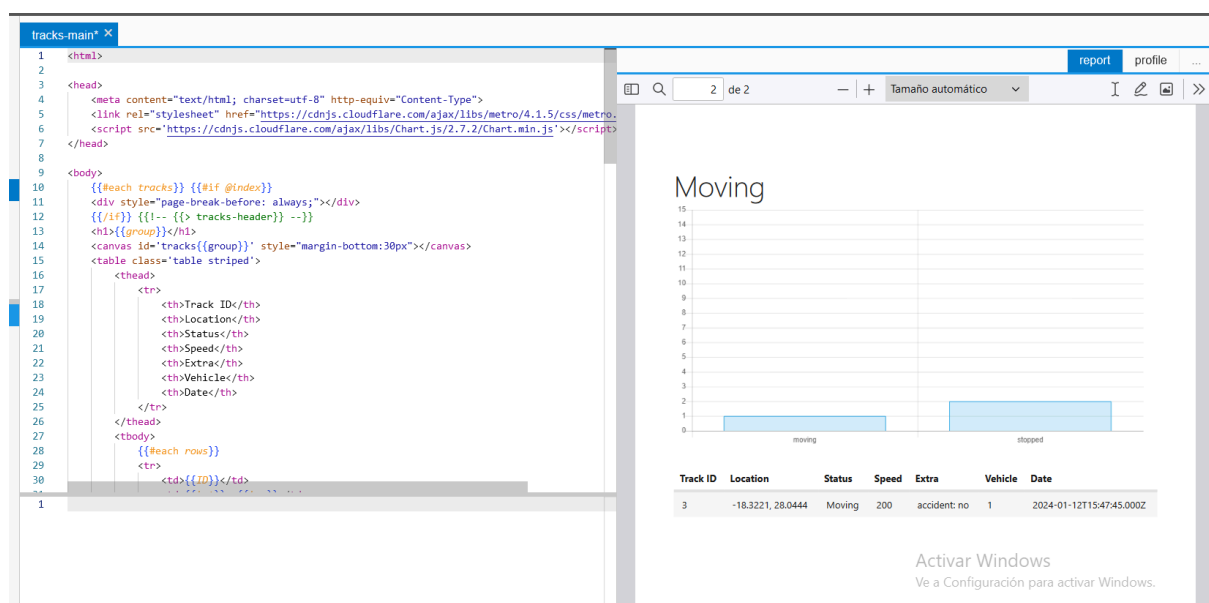
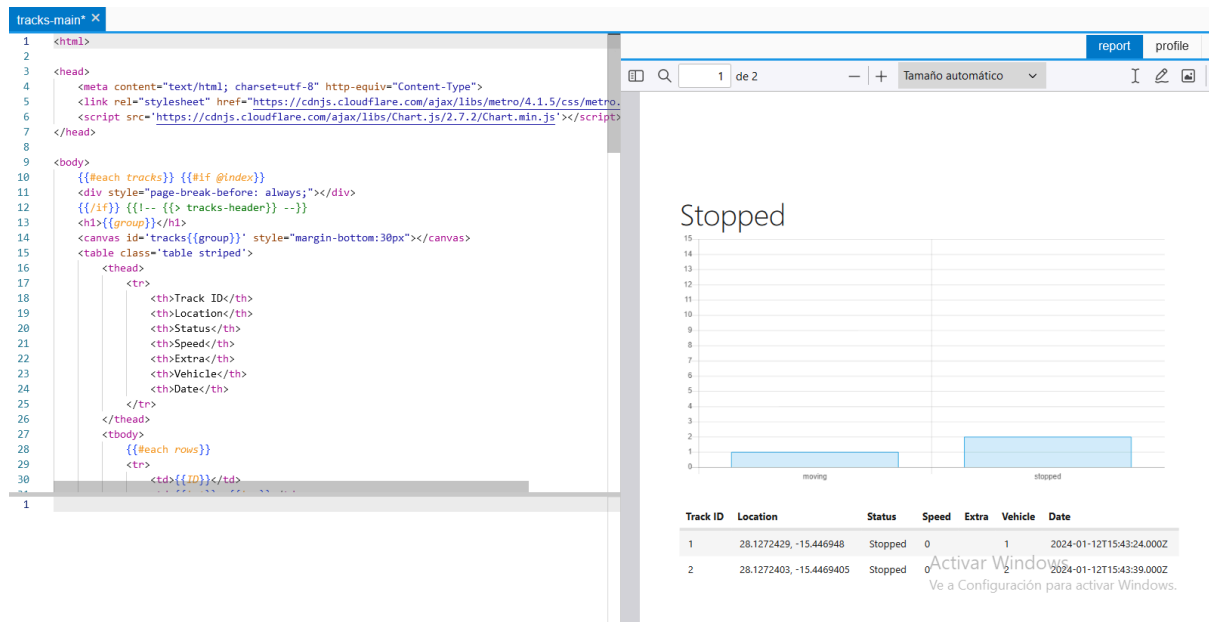
```
C:\Windows\System32\jsreportapp>jsreport configure
? Specify the http port for web server: 5488
? Do you want to enable authentication in web server? No
? Do you trust the user code and want to disable sandboxing? (sandboxing slightly degrades performance but adds security when running external code) Yes
? Specify the general timeout for rendering: 60000
? Would you like that we create some default examples for you? Yes
config saved in: C:\Windows\System32\jsreportapp\jsreport.config.json
C:\Windows\System32\jsreportapp>
```

Step 3: You just have to start the server using **jsreport start** and then to open it you have to go to your browser and type **localhost:5488**



Testing the Report on a React App with Screenshots

In my case, I made an example of a collection of data from my own project of SmartRoad, which collects all the track data and split it in 2, depending of the status of the track (Moving or Stopped) as you can see in my example:



Now for implement the report into the React project, you have to follow these steps:

Step 1: Click on the link icon  into your JSReport server:

You can also use browser's `http get` to render the report template. Just follow this link.

<http://localhost:5488/templates/mcAB7HS>

You have to copy this link, because now into your React App, you can make for example a button which redirects you to the link of the report instantly, here you have some screenshots of how did I make it:

```
<li className="nav-item">
  <Link to="http://localhost:5488/templates/mcAB7HS" className="nav-link" target='blank'>Reports</Link>
</li>
```



Add New Track

Track n°	Location	Status	Speed	Extra	Vehicle	Date	Actions
1	28.1272429, -15.446948	Stopped	0	null	1	12/1/2024, 15:43:24	<button>Edit</button>
2	28.1272403, -15.4469405	Stopped	0	null	2	12/1/2024, 15:43:39	<button>Edit</button>
3	-18.3221, 28.0444	Moving	200	"accident: no"	1	12/1/2024, 15:47:45	<button>Edit</button>

Now if I click in reports it will redirect me into a report:

