
Article

[Ward De Backer](#) · Oct 28, 2021 2m read

Developing state of the art web apps with Node.js (QEWD-Up) back-end + NuxtJS/Vue.js front-end

I wrote a step by step tutorial in the [gewd-howtos](#) repository how you can write state of the art multi-page web apps with [Node.js](#) using a [QEWD-Up](#) WebSocket/REST api back-end integrated with a mainstream web framework like [NuxtJS](#) & [Vue.js](#). In particular with the latest [NuxtJS/Vue.js](#) frameworks, writing web applications becomes fun again, allowing you to write your applications very efficiently, hiding all boilerplate code from you.

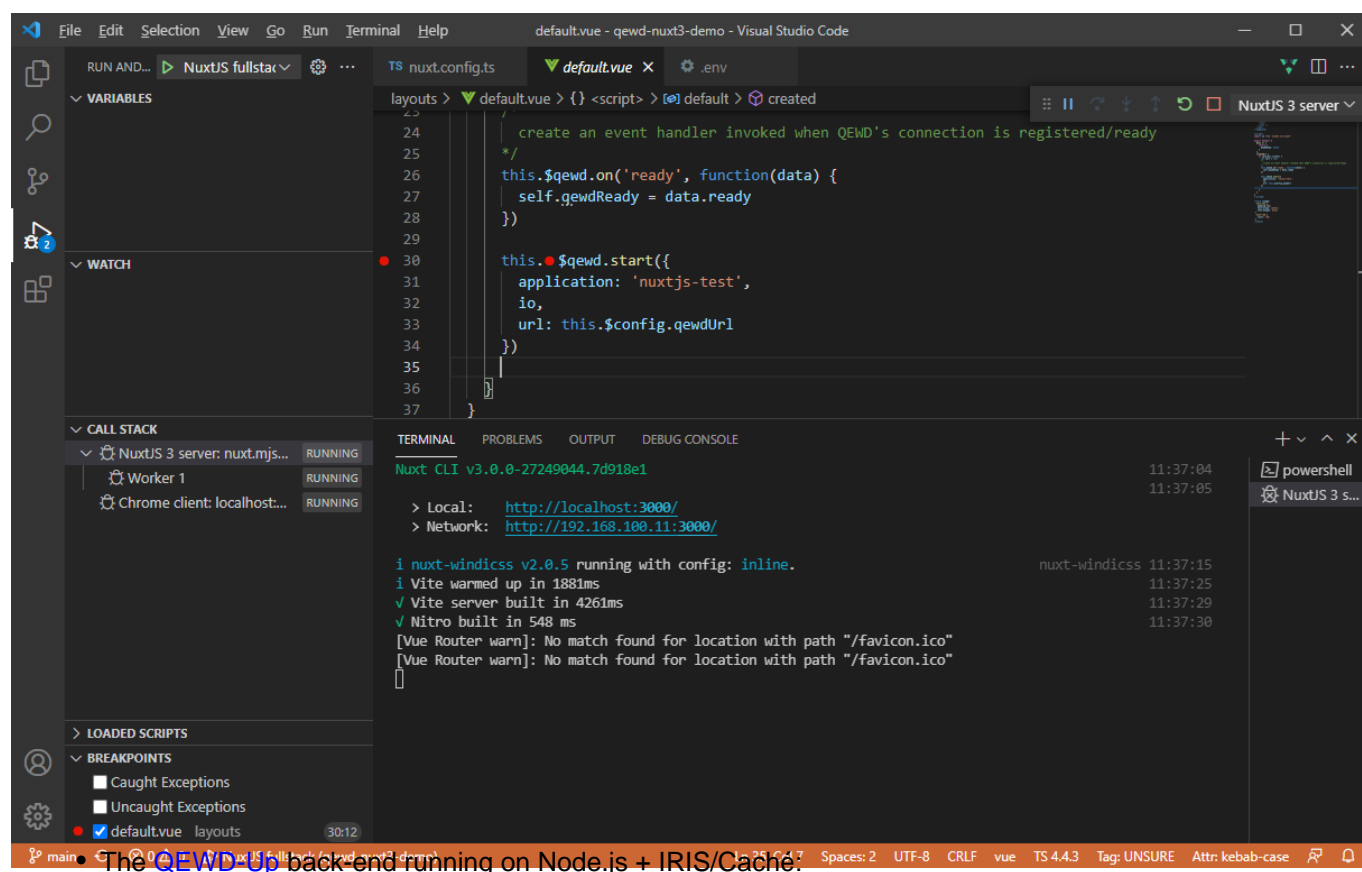
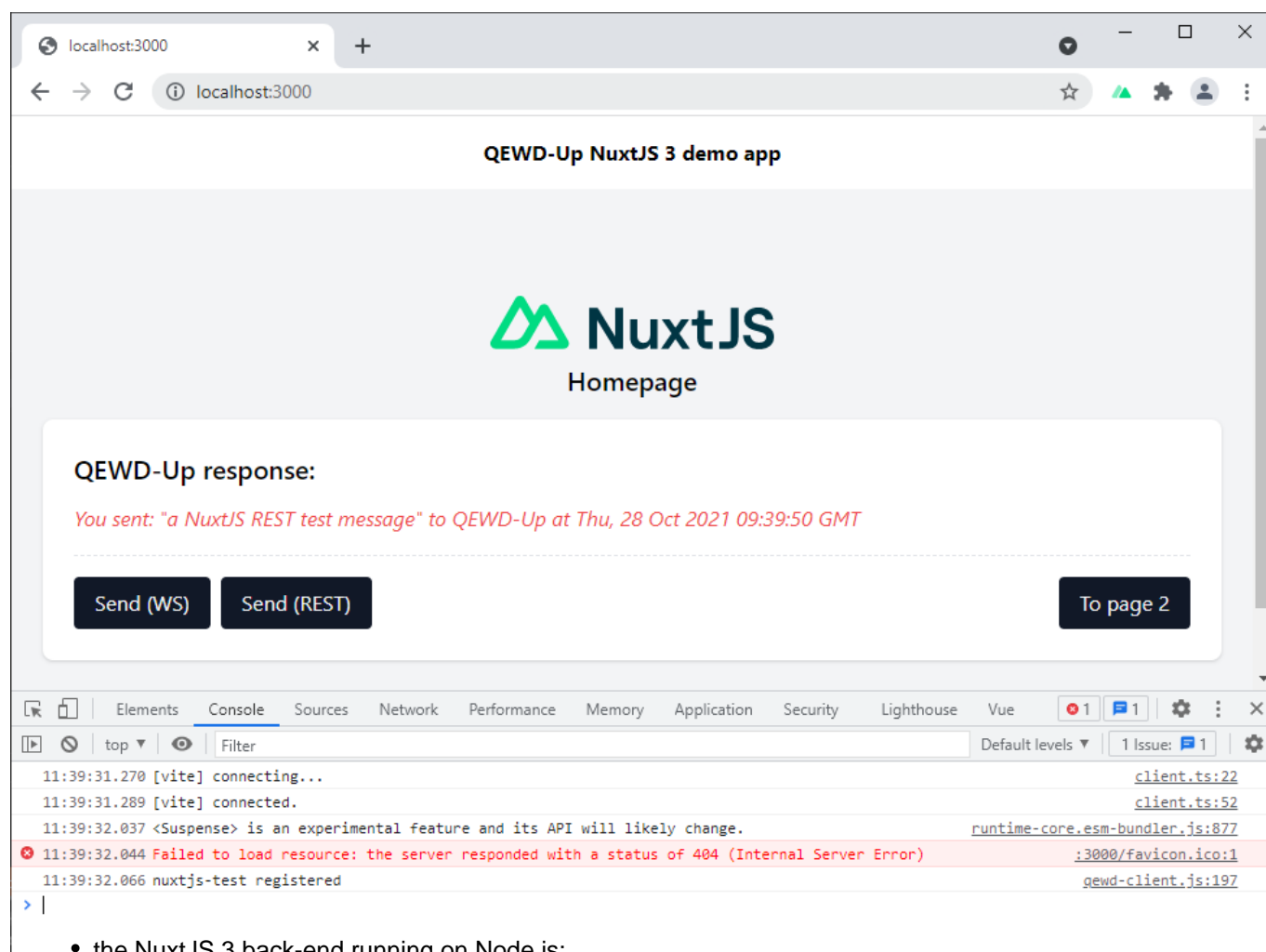
The tutorial should be very easy to try out on your development machine and consists of two parts:

- [instructions](#) for creating a basic Node.js [QEWD-Up setup](#) with WebSocket & REST endpoints using an InterSystems IRIS/Caché database
- [instructions](#) for creating a [NuxtJS 3 front-end demo app](#) (for the latest Nuxt 3 beta version) or - alternatively - [instructions](#) for a [NuxtJS 2 front-end demo app](#) (the current Nuxt 2.x production release)

You can simply clone both demo setups from GitHub and run them on your development machine using [Visual Studio Code](#) where your IRIS/Caché development instance is running. The demo is kept as easy as possible, but it contains all major steps you need to start writing real-life apps.

Some screenshots:

- the [NuxtJS 3](#) front-end:



```
configuration > routes.json > ...
1  {
2
3    "uri": "/api/info",
4    "method": "GET",
5    "handler": "getInfo"
6  },
7
8  {
9    "uri": "/api/test",
10   "method": "GET",
11   "handler": "test"
12 }
```

```
Finished checking sessions
Thu, 28 Oct 2021 09:43:58 GMT; worker 18188 received message: {"type":"test","params":{"text":"a NuxtJS WebSockets test message"},"token":"407dce48-15af-4b3c-81e5-109507da9041"}
Thu, 28 Oct 2021 09:43:58 GMT; master process received response from worker 18188: {"type":"test","finished":true,"message":{"text":"You sent: \"a NuxtJS WebSockets test message\" to QEWD-Up at Thu, 28 Oct 2021 09:43:58 GMT","ewd_application":"nuxtjs-test"}}
Thu, 28 Oct 2021 09:43:59 GMT; worker 18188 received message: {"type":"ewd-qoper8-express","path":"/api/test?text=a+NuxtJS+REST+test+message","method":"GET","headers":{"host":"192.168.100.11:8080","connection":"keep-alive","user-agent":"Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/95.0.4638.54 Safari/537.36","accept":"*/","origin":"http://localhost:3000","referrer":"http://localhost:3000/","accept-encoding":"gzip, deflate","accept-language":"en-US,en;q=0.9,nl;q=0.8,nl;q=0.7","if-none-match":"W/\"5f-SH2xLsxQ/sUOZj71u3KY6K3qqUc\""},"params":{"type":"test"},"query":{"text":"a NuxtJS REST test message"},"body":{},"ip":"::ffff:192.168.100.11","ips":[],"application":"api","expressType":"test"}}
Thu, 28 Oct 2021 09:43:59 GMT; master process received response from worker 18188: {"type":"ewd-qoper8-express","finished":true,"message":{"text":"You sent: \"a NuxtJS REST test message\" to QEWD-Up at Thu, 28 Oct 2021 09:43:59 GMT","restMessage":true,"ewd_application":"api"}}
```

If you have remarks or encounter issues, please create an issue in the relevant GitHub repo!

Happy coding and post your comments below what you think!

Ward

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Source

URL:<https://community.intersystems.com/post/developing-state-art-web-apps-nodejs-qewd-back-end-nuxtjsvuejs-front-end>