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[Ward De Backer](#) · Sep 19, 2017 5m read

Vue.js: getting started with a basic HTML/REST/JSON example

This is a basic JavaScript [Vue.js](#) example how you can use REST calls using plain HTML. You can just copy/paste the example code below, save it to a *.html file and open it in your browser:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Cach&eacute; & amp; Vue.js news</title>
    <script src="https://unpkg.com/vue"></script>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.3.1/css/foundation.min.css">
  </head>
  <body>
    <div class="container" id="app">
      <h3 class="text-center">Cach&eacute; & amp; Vue.js news</h3>
      <div class="columns medium-4" v-for="post in posts">
        <div class="card">
          <div class="card-divider">
            {{ post.title }}
          </div>
          <div class="card-section">
            <p>{{ post.body }}.</p>
          </div>
        </div>
      </div>
    </div>
  </body>
  <script>
    var vm = new Vue({
      el: '#app',
      data: {
        posts: [
          {title: "My very first Vue.js post", body: "lorem ipsum some test dimpsum"},
          {title: "My second Vue.js post", body: "lorem ipsum some test dimpsum"},
          {title: "My third Vue.js post", body: "lorem ipsum some test dimpsum"}
        ]
      }
    });
  </script>
</html>
```

When we slightly enhance this example to get the posts via a call to a REST (testing) endpoint (using the Axios helper library):

```
<!DOCTYPE html>
```

```
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Caché; & Vue.js news</title>
    <script src="https://unpkg.com/vue"></script>
    <script src="https://unpkg.com/axios/dist/axios.min.js"></script>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/foundation/6.3.1/css/foundation.min.css">
  </head>
  <body>
    <div class="container" id="app">
      <h3 class="text-center">Caché; & Vue.js news</h3>
      <div class="columns medium-3" v-for="post in posts">
        <div class="card">
          <div class="card-divider">
            {{ post.title }}
          </div>
          <div class="card-section">
            <p>{{ post.body }}.</p>
          </div>
        </div>
      </div>
      <hr>
      <button class="button" style="display:block;margin:auto;" @click="getPostsViaREST">Get posts via REST</button>
    </div>
  </body>
  <script>
    var vm = new Vue({
      el: '#app',
      data: {
        posts: [
          {title: "My very first Vue.js post", body: "lorem ipsum some test dimpsum"},
          {title: "My second Vue.js post", body: "lorem ipsum some test dimpsum"},
          {title: "My third Vue.js post", body: "lorem ipsum some test dimpsum"}
        ]
      },
      methods: {
        getPostsViaREST: function() {
          axios.get("https://jsonplaceholder.typicode.com/posts")
            .then(response => {this.posts = response.data})
        }
      }
    });
  </script>
</html>
```

You'll notice a couple of things were added: the Axios helper library in the `<head>`, a `<button>` to retrieve the posts via REST - look at the natural syntax in Vue.js for binding methods to event methods - and below in the Vue instance, a `getPostsViaREST` method where the REST call is done using Axios. The REST response modifies the (reactive) `data.posts` property. Notice that Vue.js automatically updates the view as soon as the `data.posts` content is changed, welcome to "reactivity"!

It's a trivial exercise to replace this test endpoint with your own QEWDjs/REST or Caché CSP/REST endpoints or - even better - as shown in the [vue-qewd example](#), with an permanent WebSocket connection to a QEWDjs/Caché back-end.

This example only gives a very basic introduction to the capabilities of Vue.js. For a real application, you'll probably

want to use the more advanced way of component-based coding using its Node.js modules with .vue files.

If you want to learn Vue.js completely from the ground up, I can recommend [this excellent training course](#) by Maximilian Schwarzmüller.

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