

LU05.S13 - v-show simple applied to images

Hints

- Download the file and copy the content into the code area of the W3School on the left hand side of the coding window.
- You can execute the code by pressing the *run* button
- The result will be presented in the right hand side of the window.

Assignment

This assignment about fading-in and fading-out of images by using the vue-directive v-show in the concerning HTML-Tag. Similar to the previous assignment this is realized by changing the value of the v-show-attribute between *TRUE* and *FALSE*.

1. Click the link above to the code-exambpe to get to the W3School-TryOut area.
2. Save the code with a suitable name, such as LU05.S13.html.
3. Have it run by clicking the *run-button*.
4. Search in the internet for images of bulbs and save it in your workspace in the director *media*
5. Create a own image-tag.
6. Use the v-show directive for the visibility of the bulb by stearing it with the *v-show* by changing the value of *showDiv* between *true* and *false*.
7. Note the result as a html-comment und beobachten Sie die Reaktion der Applikation.
8. Save your result, you may need it as a exam-preparation.

Solution

Codesolution of v-show simple

```
<!DOCTYPE html>
<html>
<head>
<title>v-show</title>
<style>
#app {
  border: black dashed 1px;
  width: 200px;
  padding: 0 20px 20px 20px;
}
#app div {
  padding: 20px;
  background-color: lightgreen;
  font-weight: bold;
}
img {
  width: 100%;
}
</style>
</head>
<body>

<h1>Example: v-show Visibility of Div Element</h1>

<div id="app">
  <p>Find the 'showDiv' data property in the code, change it to 'false', and run the code again.</p>
  <div v-show="showDiv">
    <p>This div tag can be hidden </p>
    <p><img v-bind:src=url size="50%"></p>
  </div>
</div>

<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
<script>
const app = Vue.createApp({
  data() {
    return {
      showDiv: true,
      url: "https://www.pngplay.com/wp-content/uploads/1/Bulb-PNG-Transparent.png"
    }
  }
  #app div {
    padding: 20px;
    background-color: lightgreen;
    font-weight: bold;
  }
  img {
    width: 100%;
  }
</style>
</head>
<body>

<h1>Example: v-show Visibility of Div Element</h1>

<div id="app">
  <p>Find the 'showDiv' data property in the code, change it to 'false', and run the code again.</p>
  <div v-show="showDiv">
    <p>This div tag can be hidden </p>
    <p><img v-bind:src=url size="50%"></p>
  </div>
</div>

<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
<script>
const app = Vue.createApp({
  data() {
    return {
      // depending on the value of showDiv, the text including the bulb is
      // displayed in the browser
      // true: both are displayed
      // false: both are not displayed but are still in the HTML-DOM, but hidden.
      showDiv: false
      url: "https://www.pngplay.com/wp-content/uploads/1/Bulb-PNG-Transparent.png"
    }
  }
})
app.mount('#app')

```

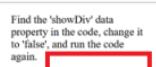
Example: v-show Visibility of Div Element



Find the 'showDiv' data property in the code, change it to 'false', and run the code again.



Example: v-show Visibility of Div Element



Elements Console > ① 6 ▲ 21 🔍 3 ⚙ ⋮ X

Find the 'showDiv' data property in the code, change it to 'false', and run the code again.

</p>

▼ <div style="display: none;">

 <p>This div tag can be hidden </p>

 ▼ <p> == \$0

 </p>

 </div>

</div>

</body>

frame#iframeResult_0.iframeResult html body div#app div p

Styles Computed Layout Event Listeners >

Filter show .cls + 🔍



Volkan Demir

From:
[https://wiki.bzz.ch/ - BZZ - Modulwiki](https://wiki.bzz.ch/)

Permanent link:
<https://wiki.bzz.ch/en/modul/m291/learningunits/lu05/loesungen/13>

Last update: 2025/03/28 11:23

