

EJEMPLO DE USO DE LA LIBRERÍA LEAFLET

Hay que añadirla al proyecto : npm install leaflet

```
<template>
  <div>
    <input v-model="address" @keyup.enter="searchLocation" placeholder="Buscar dirección"
class="input" />
    <div id="map" style="height: 400px;"></div>
  </div>
</template>

<script setup>
import { onMounted, ref } from 'vue';
import L from 'leaflet';
import 'leaflet/dist/leaflet.css';
const address = ref("");
let map, marker;

onMounted(() => {
  map = L.map('map').setView([40.4168, -3.7038], 13); // Madrid por defecto

  L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {
    attribution: '&copy; OpenStreetMap contributors'
  }).addTo(map);
});

const searchLocation = async () => {
  if (!address.value) return;

  const response = await fetch(
`https://nominatim.openstreetmap.org/search?format=json&q=${encodeURIComponent(address.value)}`
  );
  const data = await response.json();

  if (data.length > 0) {
    let lat = data[0].lat;
    let lon = data[0].lon;
    if (marker) marker.remove();
    marker = L.marker([lat, lon]).addTo(map)
      .bindPopup(address.value)
      .openPopup();
    map.setView([lat, lon], 13);
  } else {
    alert('Dirección no encontrada');
  }
};
</script>
```

```
<style>
.input {
  width: 100%;
  padding: 8px;
  margin-bottom: 10px;
}
</style>
```