

# wefox Frontend Challenge

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Hi Rene ! Here's the challenge.

Let me know if you have any questions.

## ***What we want***

Open a repo in Github/GitLab/Bitbucket (send it to us, so we can see the progress) and build a dummy app that:

- **Required:** Use our provided API that operates over a single resource called *posts* (check "API usage specification" for more information)
- **Required:** Contains a Angular 2+ client that consumes that API and can list, show, create, update, and remove that resource.
- **Optional:** You can deploy the application somewhere (heroku is the simplest option) so we can play with it easily

Write client side in TypeScript.

Use a CSS framework if it helps in the UI.

### **Some ideas (all optional):**

- Create a DataTable to list posts
- Play with lat/long fields (i.e. paint a map, static or dynamic)

### **Extra points:**

- Creativity
- Tests

## ***API usage specification***

API URL: <https://wf-challenge-jrpygindrv.herokuapp.com/api/v1/posts>

Resource: **posts**

Content-Type: **application/json**

Required fields: **title** and **content**.

Sample JSON body for **POST** and **PUT**:

```
{
  "title": "Madrid",
  "content": "Lorem ipsum dolor sit amet, consectetur adipiscing elit.",
  "lat": "40.41678",
  "long": "-3.70379",
  "image_url": "https://c2.staticflickr.com/2/1269/4670777817_d657cd9819_b.jpg"
}
```

## ***API Requests***

### **-> list**

endpoint: /api/v1/posts  
method: GET  
body : not needed  
response code: 200

### **-> show**

endpoint: /api/v1/posts/:id  
method: GET  
body : not needed  
response code: 200

### **-> create**

endpoint: /api/v1/posts  
method: POST  
body : json  
response code: 201

### **-> update**

endpoint: /api/v1/posts/:id  
method: PUT  
body : json  
response code: 200

### **-> remove**

endpoint: /api/v1/posts/:id  
method: DELETE  
body : not needed  
response code: 204