

INTRO TO JSON

JavaScript Object Notation

i.e., a Dictionary of attribute-value pairs

WHY DO I NEED TO KNOW JSON?

OUR DATABASE IS A JSON FILE

WHAT'S IN THE DATABASE?

LIST OF MEMBERS, LIST OF RESOURCES, LIST OF QUOTES, AND
OUR CONTACT INFORMATION

ATTRIBUTE - VALUE PAIRS ??

`"attribute_name": value`

DICTIONARIES ??

`{ "attribute_name": value }`

MEMBER

What traits do members have?

They have a name

String

URL => String

They have a beautiful face

They are in a location

String

They have hobbies

List of Strings

Everyone has a skillset

List of Strings

Most have some social media links where
they can be reached

Links Dictionary

LinkedIn, Github,
Twitter...

```
Member {  
    "name": String,  
    "image_url": String,  
    "location": String,  
    "favorite_techs": List<String>,  
    "hobbies": List<String>,  
    "links": Links  
}
```

Numbers, booleans, arrays,
strings, null, Objects

```
{  
    "name": "your name",  
    "image_url": "link to your phone",  
    "location": "where are you located?",  
    "favorite_techs": [  
        "list",  
        "of",  
        "strings"  
    ],  
    "hobbies": [  
        "also a",  
        "list of",  
        "strings"  
    ],  
    "links": {  
        "website": "link to your website",  
        "twitter": "link to your twitter",  
        "linkedIn": "link to your LinkedIn",  
        "github": "link to your github",  
        "facebook": "link to your facebook",  
        "meetup": "link to meetup"  
    }  
}
```

HOW DOES THIS BECOME A REST API?

My JSON Server

Fake Online REST server for teams

You can use this
with any public
repo

Create a **JSON file** on **GitHub**

Get **instantly** a **fake server**

github.com/user/repo/main/db.json

```
{
  "posts": [
    {
      "id": 1,
      "title": "hello"
    }
  ],
  "profile": {
    "name": "typicode"
  }
}
```

my-json-server.typicode.com/user/repo/posts/1

```
{
  "id": 1,
  "title": "hello"
}
```