



AXIOS

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Promise-based. Works
with both client and
server implementations

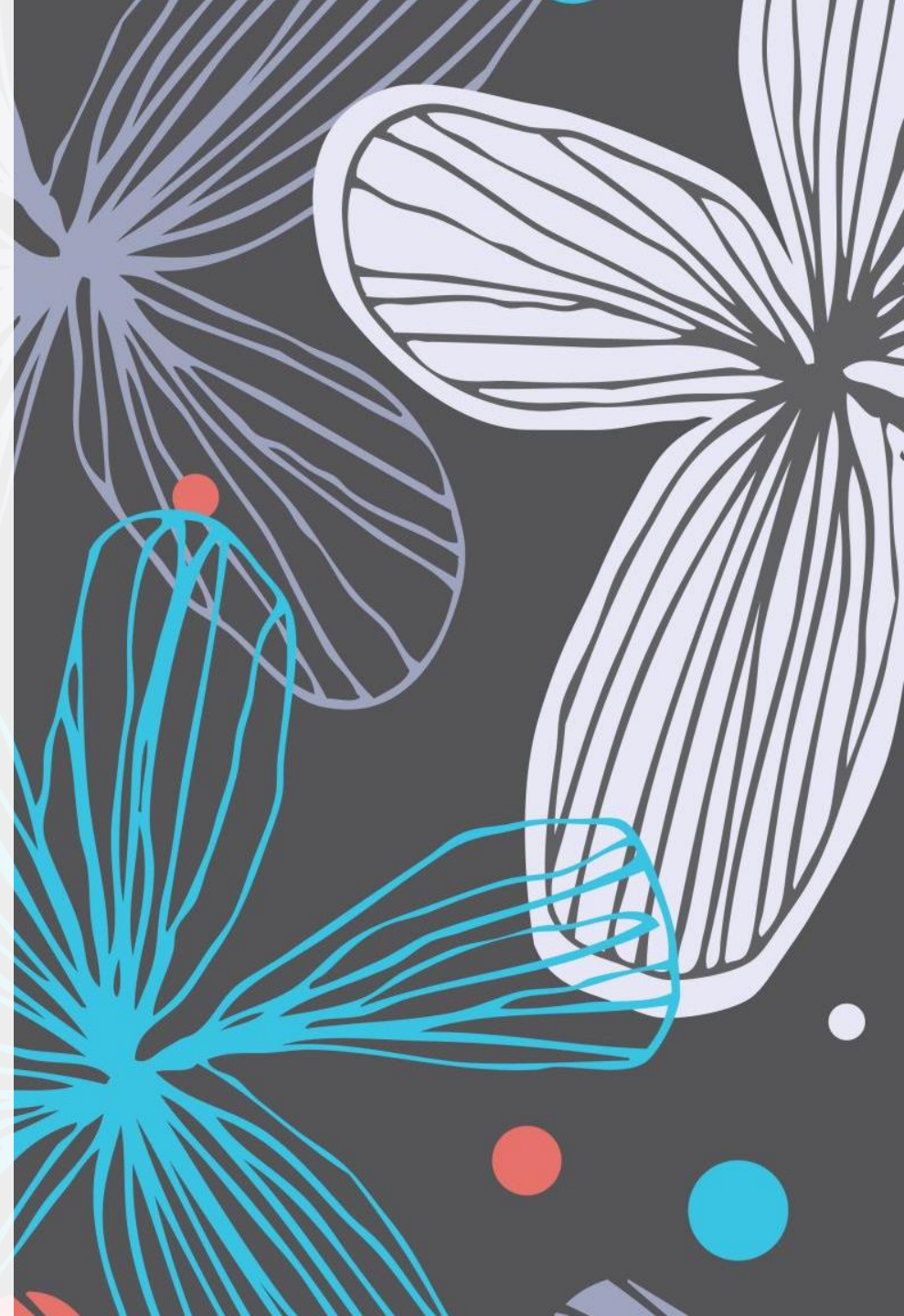
<https://unpkg.com/axios/dist/axios.min.js>

LINKING WITH
<SCRIPT>

THE BIG WIN

*fetch() requires you to
translate the response
into its final form*

Not axios




```
const url = "https://www.music.com/info/rush"
```

```
fetch(url)
```

```
.then(response => return response.json())
```

```
.then(json => { })
```

```
axios(url).then(response => { response.data });
```

EASIER

EXAMPLE GET REQUEST

```
axios.get('/user', {  
  params: {  
    ID: 1 // querystring  
  }  
}).then(function (response) {  
  // process response data  
}).catch(function (error) {  
  // error handling  
})
```

```
async function getUser() {  
  try {  
    const response = await axios.get('/user?id=135');  
    // process response data  
  } catch (error) {  
    // handle error  
  }  
}
```



EXAMPLE GET
ASYNC & AWAIT


```
axios.post('/registration', {  
  firstName: 'Geddy', lastName: 'Lee'  
})  
  .then(function (response) {  
    // handle response data  
  })  
  .catch(function (error) {  
    // handle error  
  });
```

POST
EXAMPLE

USING

.FINALLY()

```
axios.get('/user', {  
  params: {  
    id: 12345  
  }  
})  
  .then(function (response) { })  
  .catch(function (error) {})  
  .finally(function () {  
    // always executed  
  });
```



```
function getAccount() {  
  return axios.get('/user/12345');  
}
```

```
function getPermissions() {  
  return axios.get('/user/12345/permissions');  
}
```

```
Promise.all([getAccount(), getPermissions()])  
  .then(function (results) {  
    const acct = results[0];  
    const perm = results[1];  
  });
```

MULTIPLE
PROMISES
ALL()


```
axios.post('/registration')
.catch(error => {
  if (error.response) {
    console.log(error.response.data);
    console.log(error.response.status);
    console.log(error.response.headers);
  } else if (error.request) {
    // The request was made but no response was received
    console.log(error.request);
  } else {
    // Something happened in setting up the request
    console.log('Error', error.message);
  }

  console.log(error.config)
});
```

ERROR
HANDLING

LOADING IMAGES

```
axios({  
  method: 'get',  
  url: 'https://www.music.com/img/9.png',  
  responseType: 'stream'  
})  
  .then(function (response) {  
    // process the image data  
  });
```


RESPONSE SCHEMA

```
// the response that was provided by the server
```

```
data: {}
```

```
// the status code from the server response
```

```
status: 200
```

```
// headers that the server responded with
```

```
headers: {}
```

```
// config that was provided to `axios` for the request
```

```
config: {}
```

```
// request that generated this response
```

```
request: {}
```

```
statusText: // DO NOT USE.  DEPRECATED in HTTP/2
```

URL to

dig in

<https://github.com/axios/axios>