

fetch() cheatsheet

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Fetch

```
fetch('/data.json')
  .then(response => response.json())
  .then(data => {

  })
  .catch(err => ...)
```

Response

```
fetch('/data.json')
  .then(res => {
    res.text()           // response body (=> Promise)
    res.json()           // parse via JSON (=> Promise)
    res.status           //=> 200
    res.statusText       //=> 'OK'
    res.redirected       //=> false
    res.ok               //=> true
    res.url              //=> 'http://site.com/data.json'
    res.type              //=> 'basic'
                        // ('cors' 'default' 'error'
                        //  'opaque' 'opaqueredirect')

    res.headers.get('Content-Type')
  })
```

Request options

```
fetch('/data.json', {
  method: 'post',
  body: new FormData(form), // post body
  body: JSON.stringify(...),

  headers: {
    'Accept': 'application/json'
  },

  credentials: 'same-origin', // send cookies
```

```
credentials: 'include',    // send cookies, even in CORS

})
```

Catching errors

```
fetch('/data.json')
  .then(checkStatus)

function checkStatus (res) {
  if (res.status >= 200 && res.status < 300) {
    return res
  } else {
    let err = new Error(res.statusText)
    err.response = res
    throw err
  }
}
```

Non-2xx responses are still successful requests. Use another function to turn them to errors.

Using with node.js

```
const fetch = require('isomorphic-fetch')
```

See: [isomorphic-fetch](https://www.npmjs.com/package/isomorphic-fetch) (npmjs.com)

References

<https://fetch.spec.whatwg.org/>

<https://www.npmjs.com/package/whatwg-fetch>