fetch() cheatsheet

Fetch

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

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

Response

```js
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

```js
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

```js
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

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

See: isomorphic-fetch (npmjs.com)

References

- https://fetch.spec.whatwg.org/
- https://www.npmjs.com/package/whatwg-fetch

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