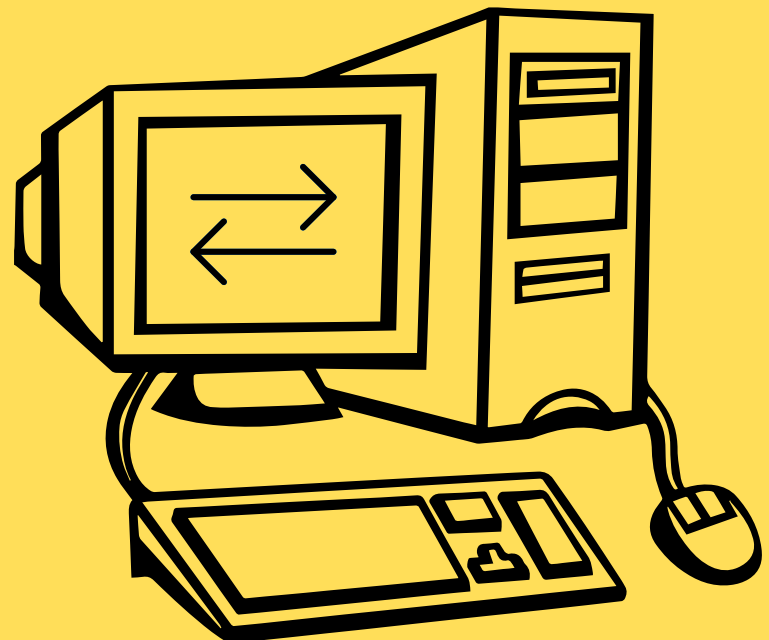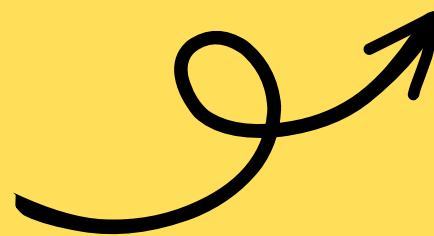Ron Fybish

Easy Steps

CORS Explained

Bob building a new website

My website **www.bob.com** displays Images
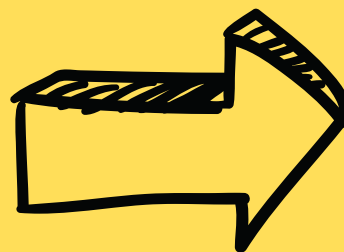
Ron Fybish

Here Bob makes calls to the same origin

origin - protocol / domain / port
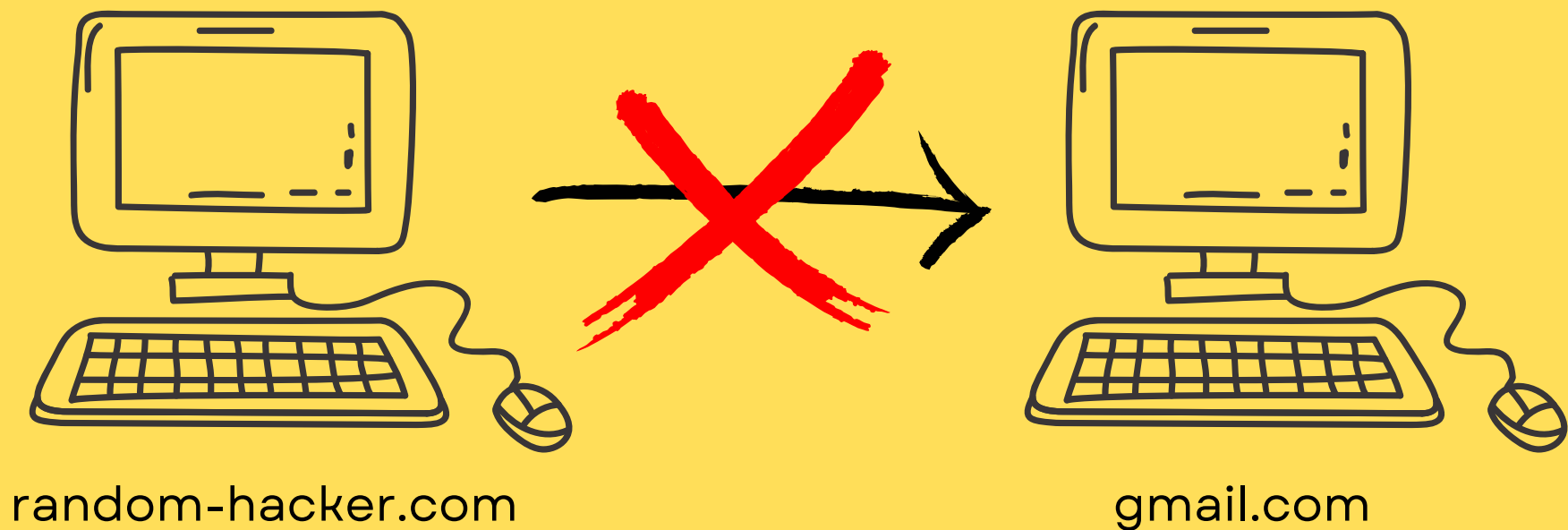
Same origin policy

https://www.bob.com   https://www.bob.com

For a long time

scripts from one website could not access the content of another website

random-hacker.com

gmail.com

People felt safe

But what Bob wants to make requests to other origins?

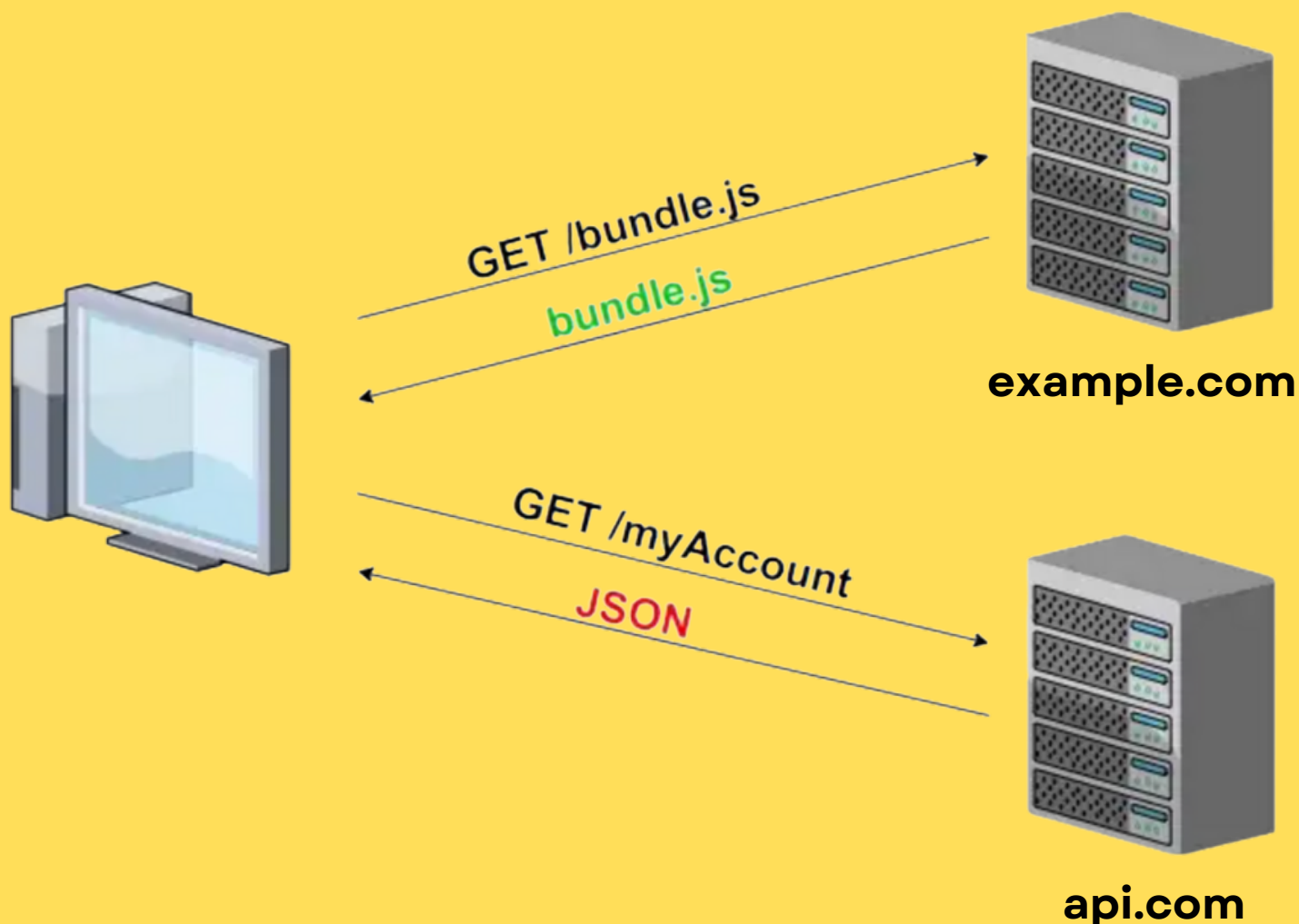To get map data, Images, etc...

We're sorry, but you can't call other domains for security reasons
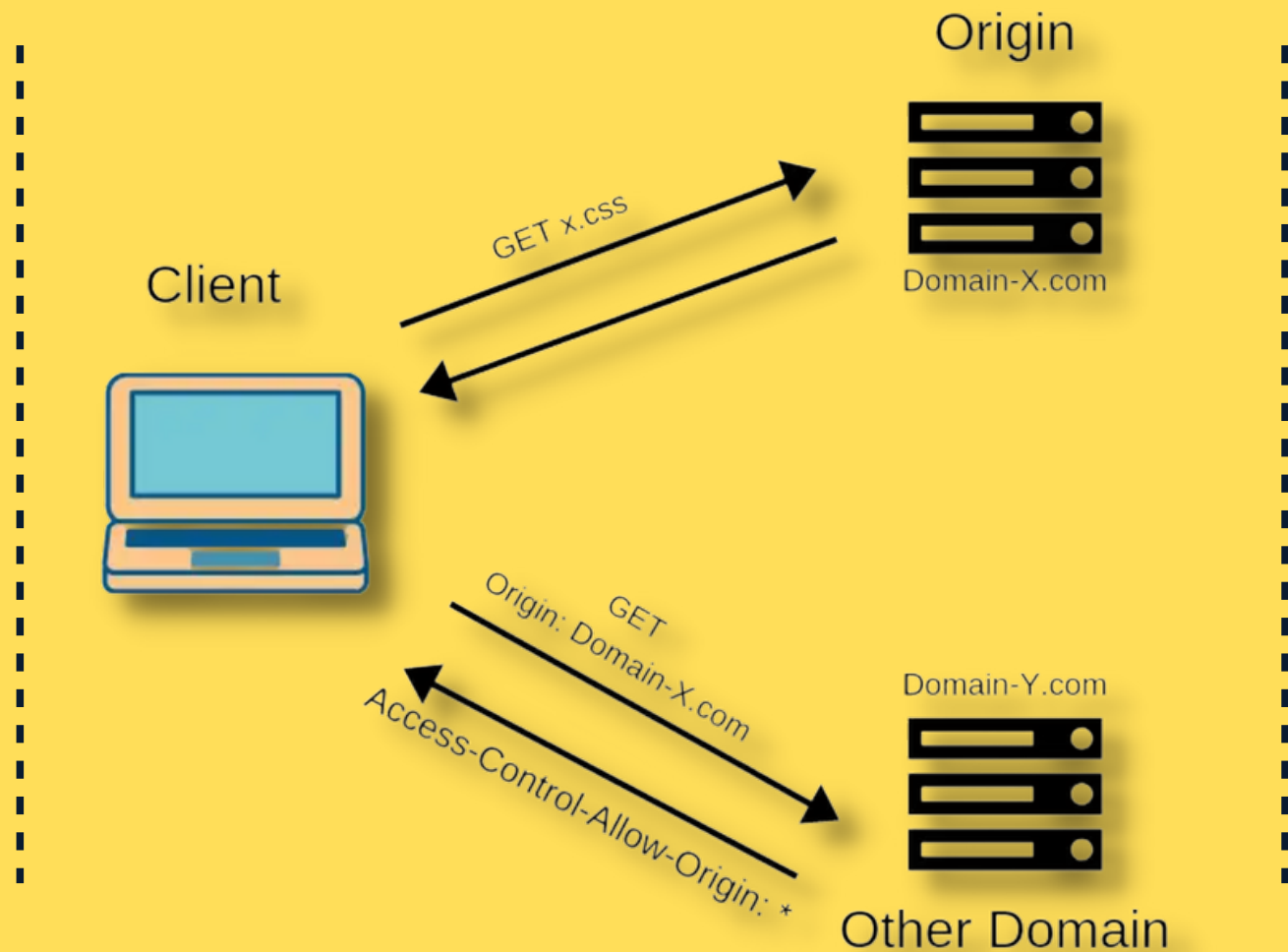
Ron Fybish

The answer is CORS

Cross-origin resource sharing (CORS) is a method used by browsers to access resources located outside of a given domain

GET /bundle.js

bundle.js

example.com

GET /myAccount

JSON

api.com

CORS adds new HTTP headers. The new CORS headers allow the local server to keep a list of allowed origins.

Requests from these origins are authorized to use assets
The header to add to the acceptable origins list is
Access - Control - Allow - Origin

But what if **Bob** wants to make it a public API?

Ex weather data, Fonts, etc...

The asterisk symbol allows any origin to access data

```
app.use(
    cors({
        origin: "*"
    })
);
```

Ron Fybish
Developer Advocate

What do You Think About This Post?

I hope this helps! Comment below
to let me know what else you like to learn.
Follow @ronfybish to get updated :)