

# Hack Nights: Triggers

FACTLab 2016

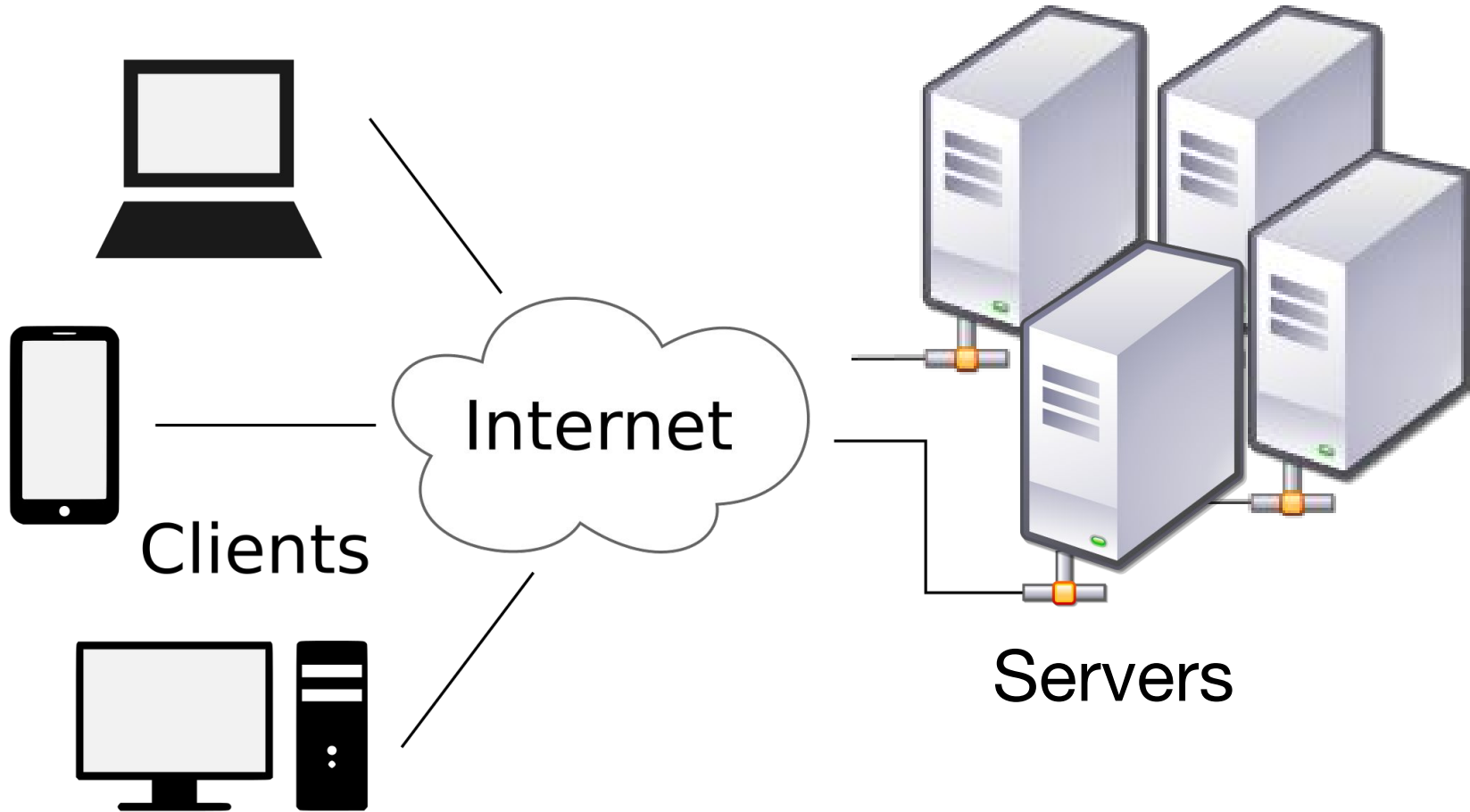
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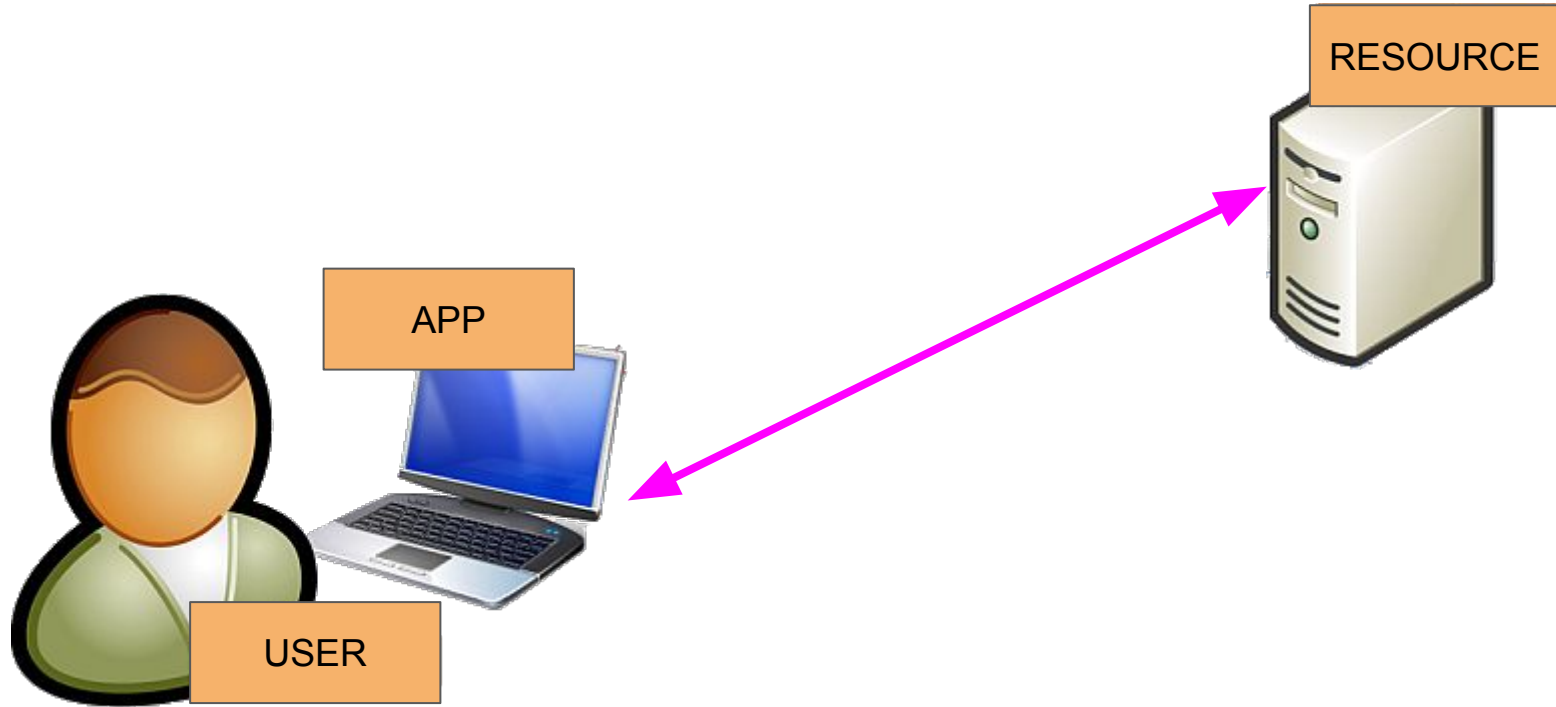
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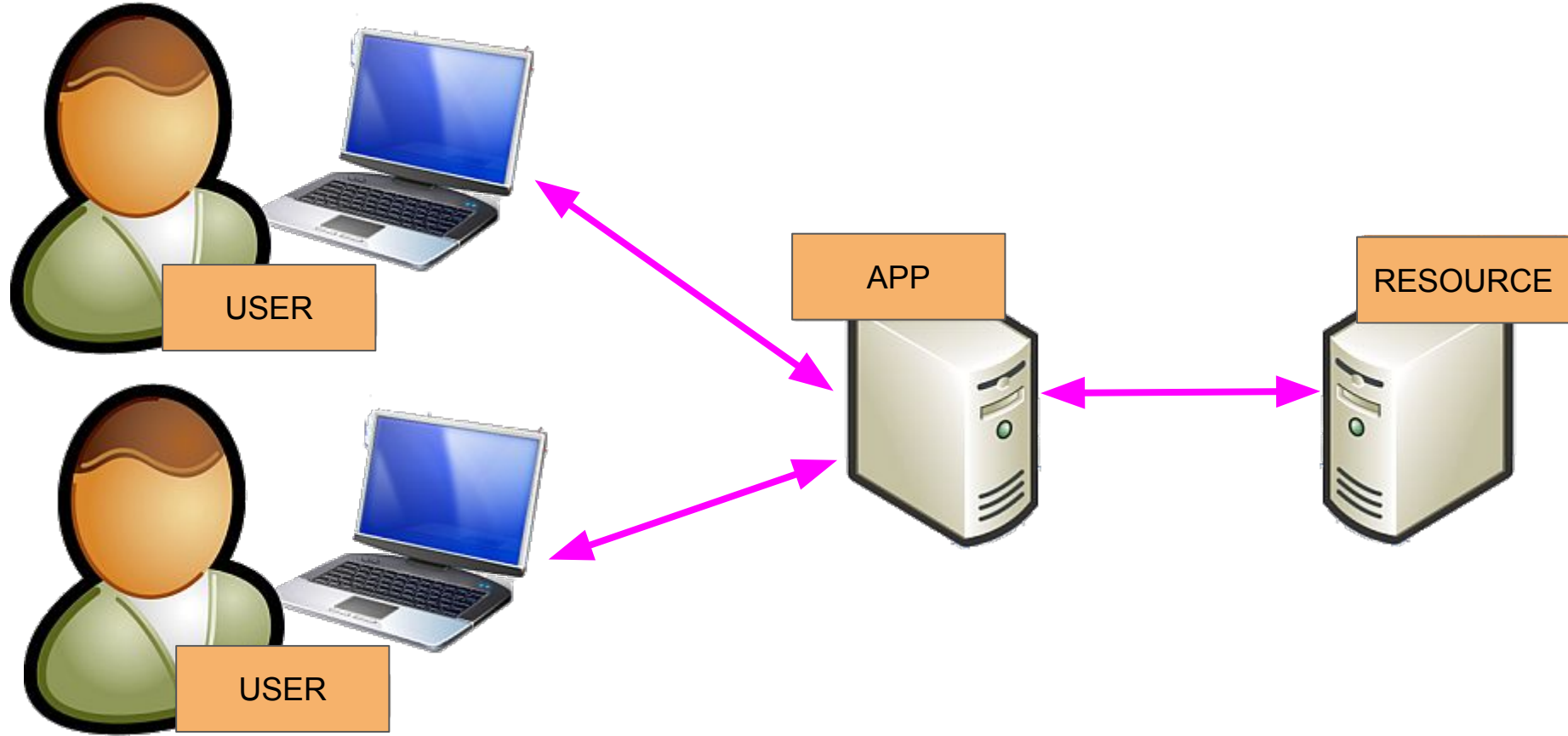
# The Internet



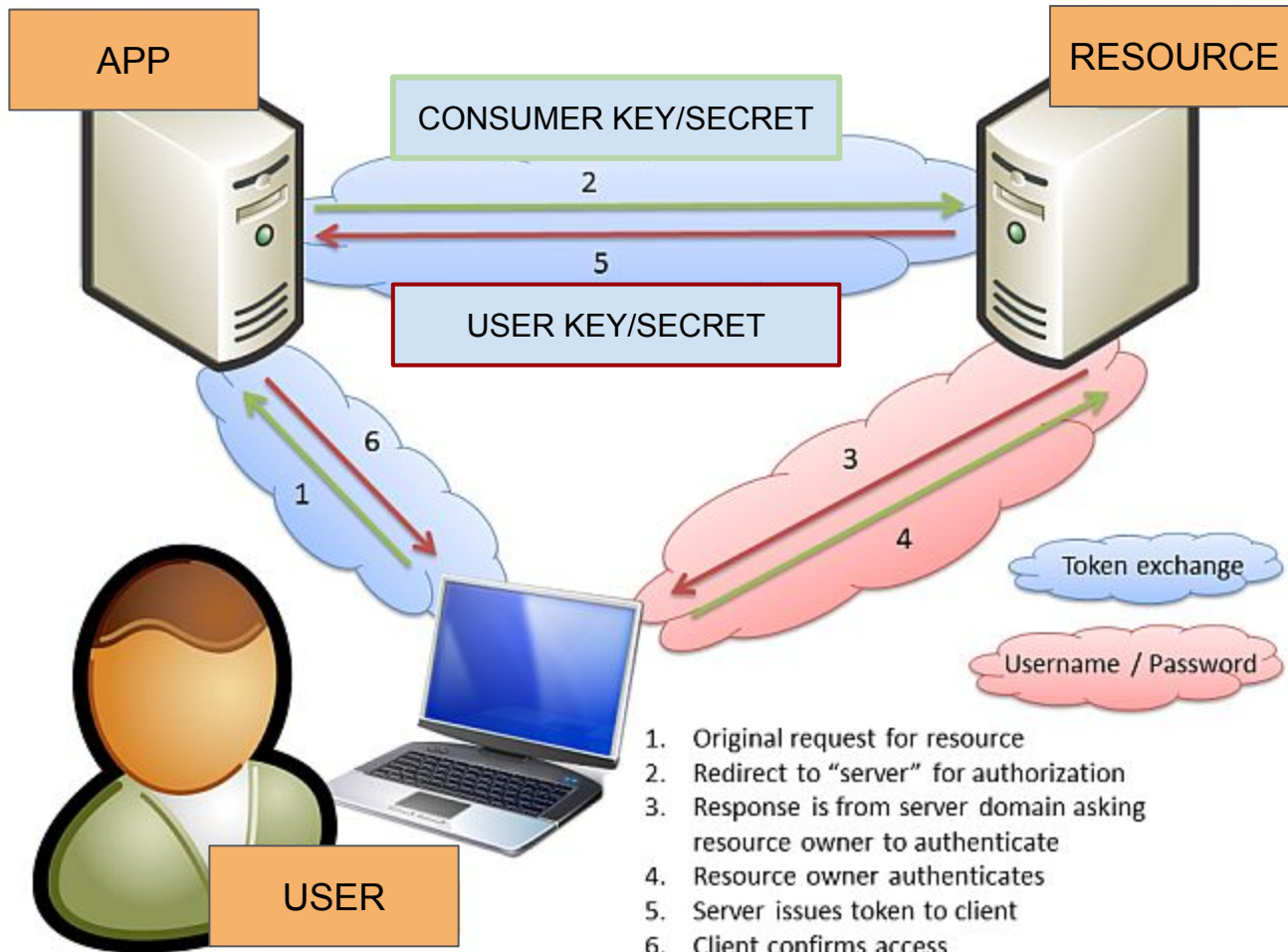
# One-user apps



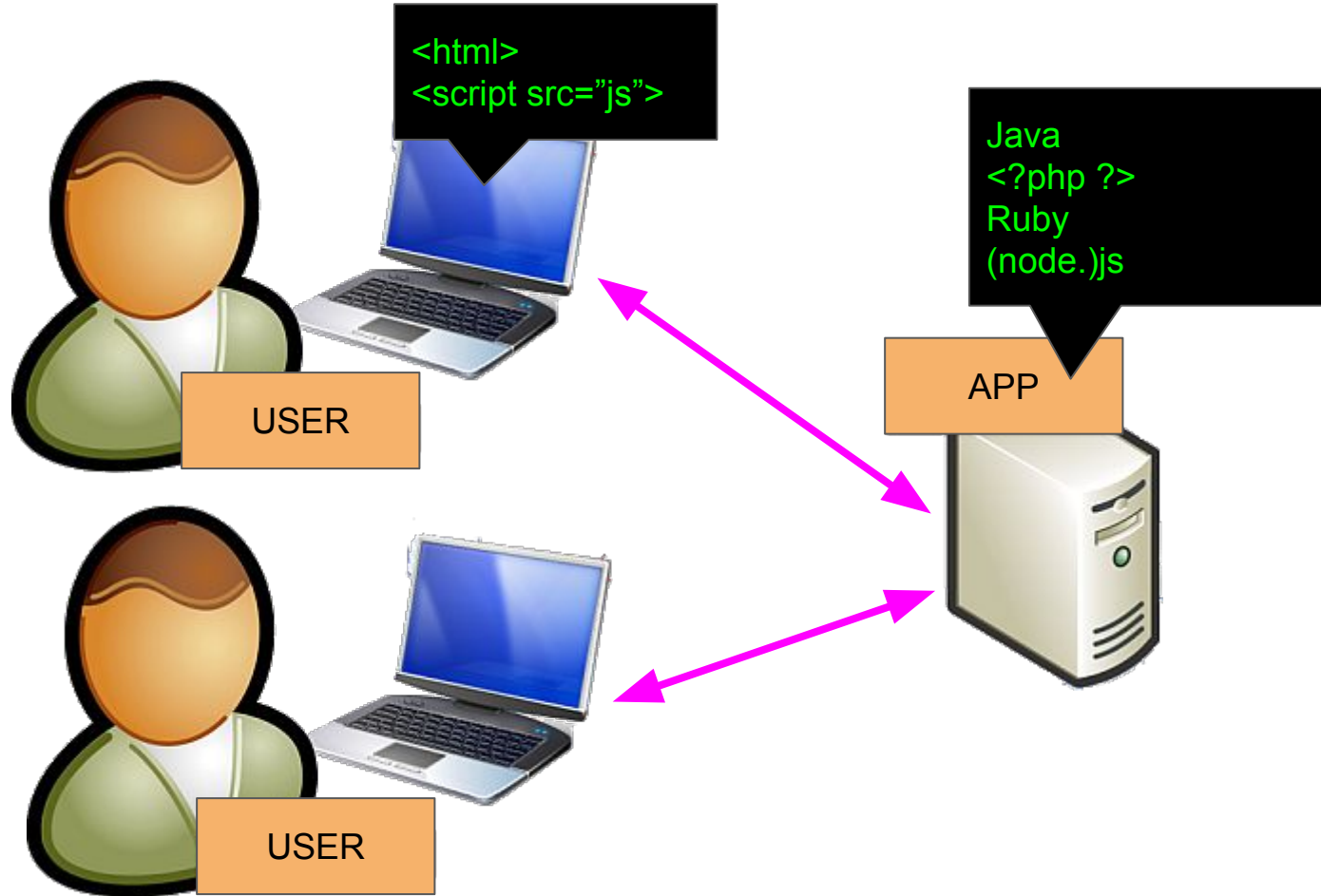
# More like real apps



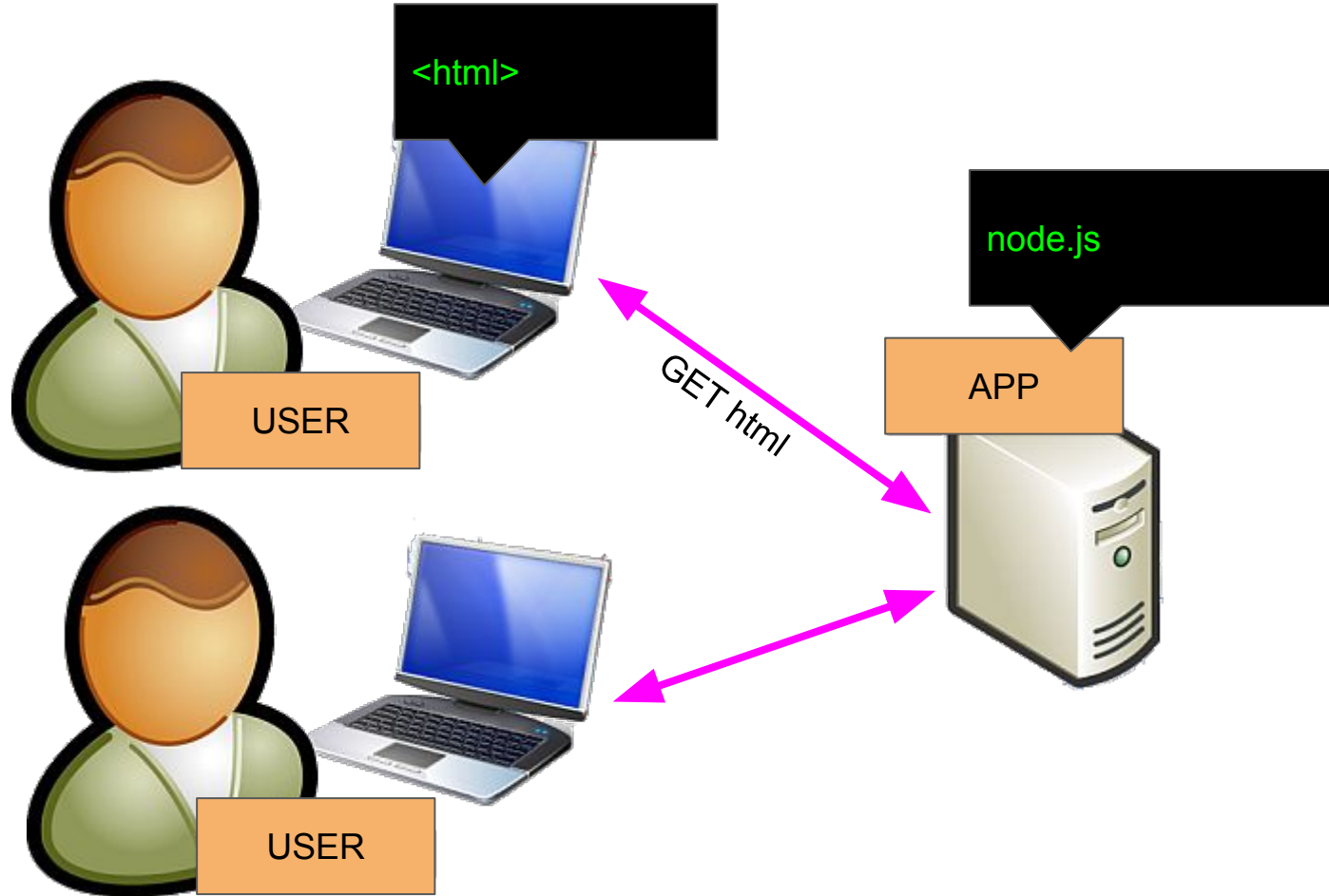
# With OAuth



# But first ...



# Simple Server

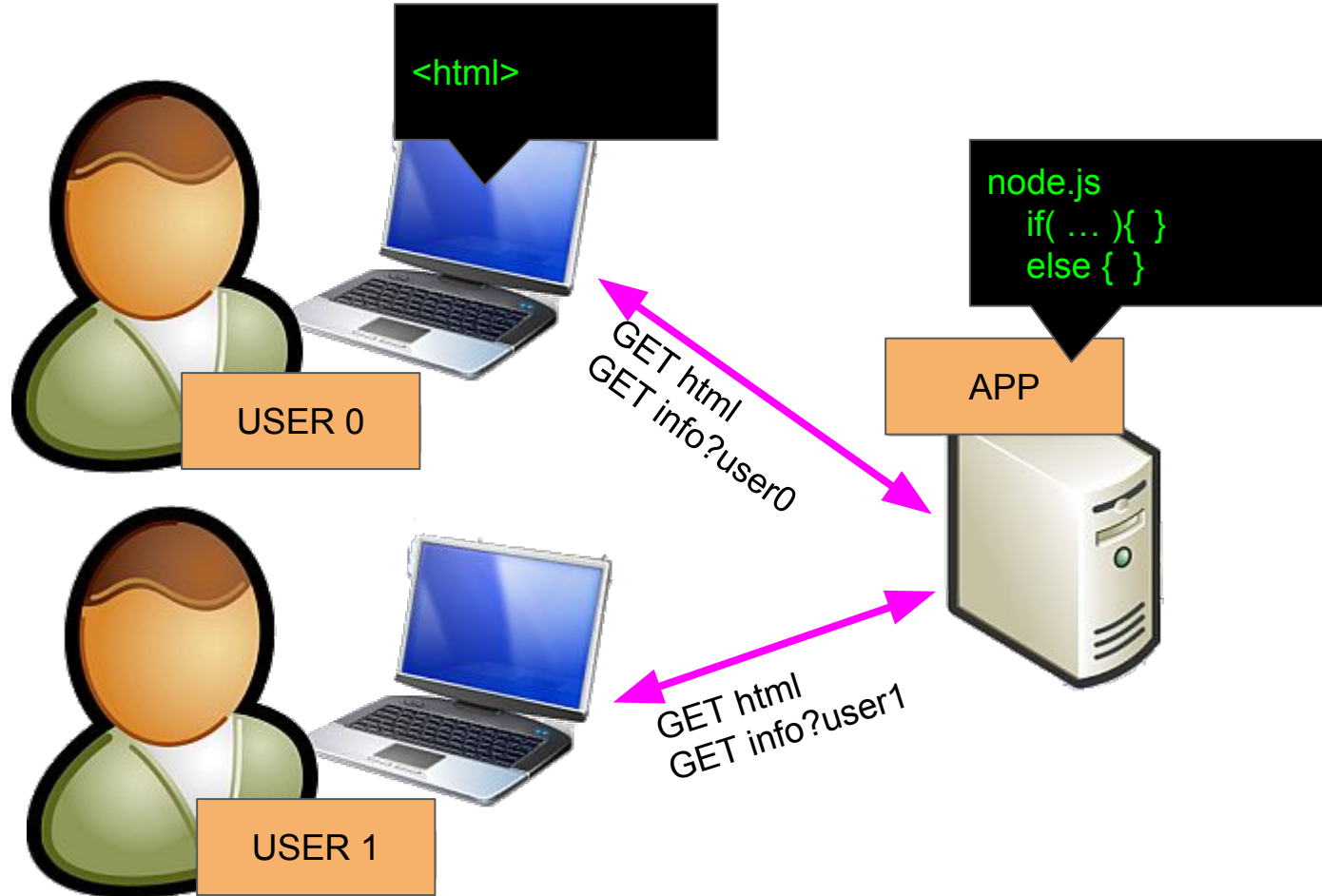


# Simple Server

```
1  var express = require('express');  
2  
3  var app = express();  
4  app.use(express.static('static', {index: 'index.html'}));  
5  
6  app.listen(8080, function(){});  
7  |
```



# Endpoint Routing Server



# Endpoint Routing Server

```
1  var express = require('express');
2  var fs = require('fs');
3
4  var app = express();
5  app.use(express.static('static', {index: 'index.html'}));
6
7  var imageFiles = fs.readdirSync('images/');
8
9  app.get('/cat', function(req, res){
10     var fName = '';
11     while(fName.substring(0,3) != 'cat'){
12         // grab a random image and check if file name starts with 'cat'
13         fName = imageFiles[Math.floor(Math.random()*imageFiles.length)];
14     }
15     res.sendFile('images/'+fName);
16 });
17
18 app.listen(8080, function(){});
19
```

# App

