

#### REST y REST APIs HTTP

```
GET https://www.oracle.com/index.html
GET / HTTP/1.1
Accept: */*
Host: oracle.com
Accept-Encoding: gzip, deflate, br
Connection: keep-alive
Referer: https://www.oracle.com/
Cookie: ...
```

```
HTTP/1.1 200 OK
Content-Type: text/html; charset=utf-8
Strict-Transport-Security: max-age=0
X-Powered-By: Next.js
ETag: "14e1c-sUCo8cfPTdhyQYlwBDzbxBeWr2o"
Vary: Accept-Encoding
Content-Length: 21624
Connection: keep-alive
Set-Cookie: ...
<!DOCTYPE html>
```

#### **REST y REST APIs** Métodos HTTP

GET

Obtener un recurso

POST

Crear un recurso

PUT

Actualizar un recurso

**DELETE** 

Eliminar un recurso

### **REST y REST APIs**Cabeceras HTTP

Cabeceras de Petición

**Accept**: Le dice al servidor el tipo de contenido que queremos

Authorization: Le proporciona nuestras credenciales al servidor

Cabeceras de Respuesta

Content-Type: Nos dice el tipo de contenido que está enviando el servidor

Content-Length: Nos dice la longitude de la respuesta

## **REST y REST APIs**Cuerpo HTTP



<!DOCTYPE html><html lang="en"><head><meta charSet="utf-</pre> 8"/><title>Oracle | Integrated Cloud Applications and Platform Services</title><meta name="viewport" content="width=devicewidth, initial-scale=1.0, maximum-scale=1.0"/><meta</pre> name="facebook-domain-verification" content="oijeloeqkuqvrqofg4yhfdyjsnsvqf"/><meta</pre> name="app version" content="1"/><meta name="build version"</pre> content="36"/><meta name="release version" content="22"/><meta</pre> name="title" content="Oracle | Integrated Cloud Applications and Platform Services"/><meta name="description" content="Oracle offers a comprehensive and fully integrated stack of cloud applications and platform services."/><meta name="keywords" content="enterprise, applications, software, database, middleware, fusions, business, hardware, Oracle, AA01Test"/><meta name="robots" content="index, follow"/><meta name="site"</pre> content="CustomerStory"/><meta name="siteid" content="us"/><meta</pre> name="countryid" content="US"/><!-- ... --></head><body><!-- ...</pre> --></body></html>

```
"items": [
    "uri": {
      "$ref": ".../hr/employees/7369"
    },
    "rn": 1,
    "empno": 7369,
    "ename": "SMITH",
    "job": "CLERK",
    "hiredate": "1980-12-17T00:00:00Z",
    "mgr": 7902,
    "sal": 800,
    "comm": null,
    "deptno": 20
"first": {
  "$ref": ".../hr/employees/"
"next": {
  "$ref": ".../hr/employees/?page=1"
```

## **REST y REST APIs**Códigos de estado HTTP

• 1xx: Informativo

• 2xx: Exitoso

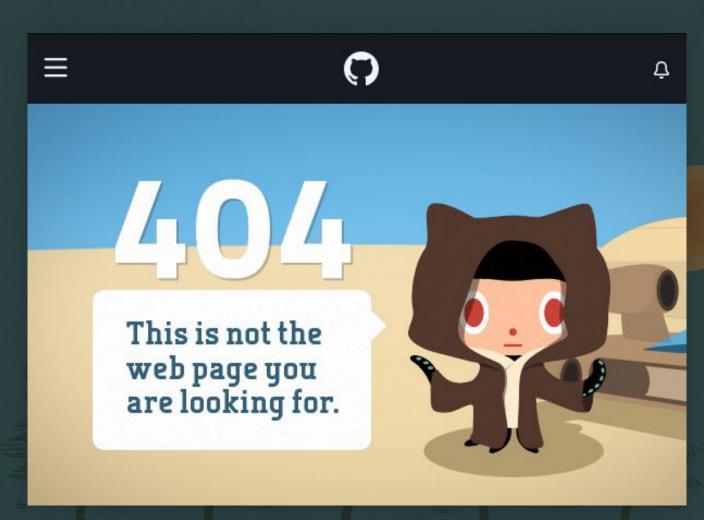
• 3xx: Redirección

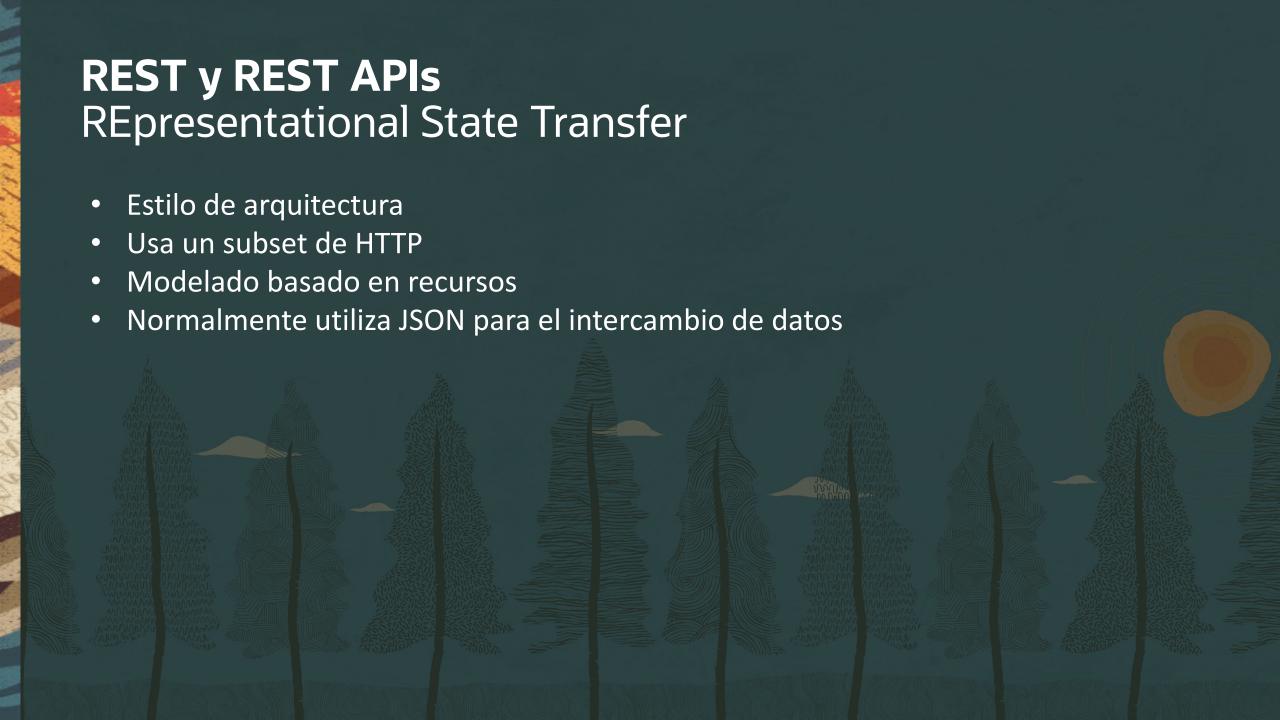
• 4xx: Error en el cliente

• 5xx: Error en el servidor



Ver https://devhints.io/http-status





# REST y REST APIs REpresentational State Transfer

