

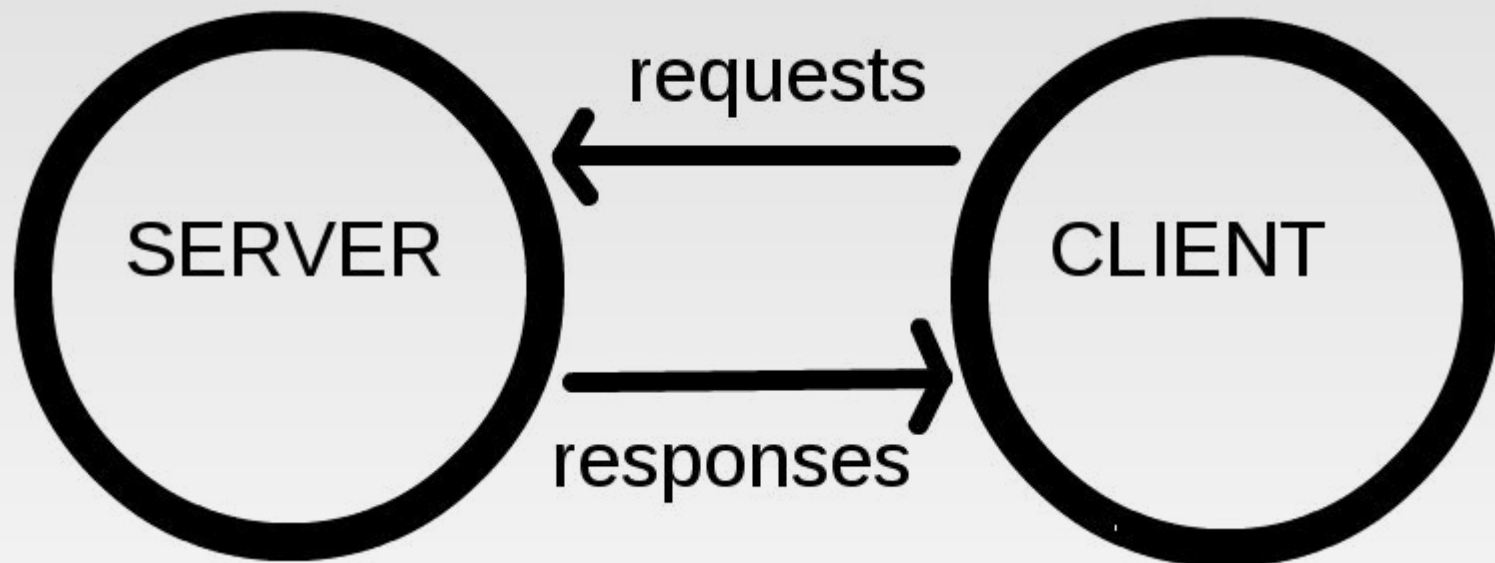
¿Cómo funciona la Web?

# Tecnologías y Aplicaciones Web

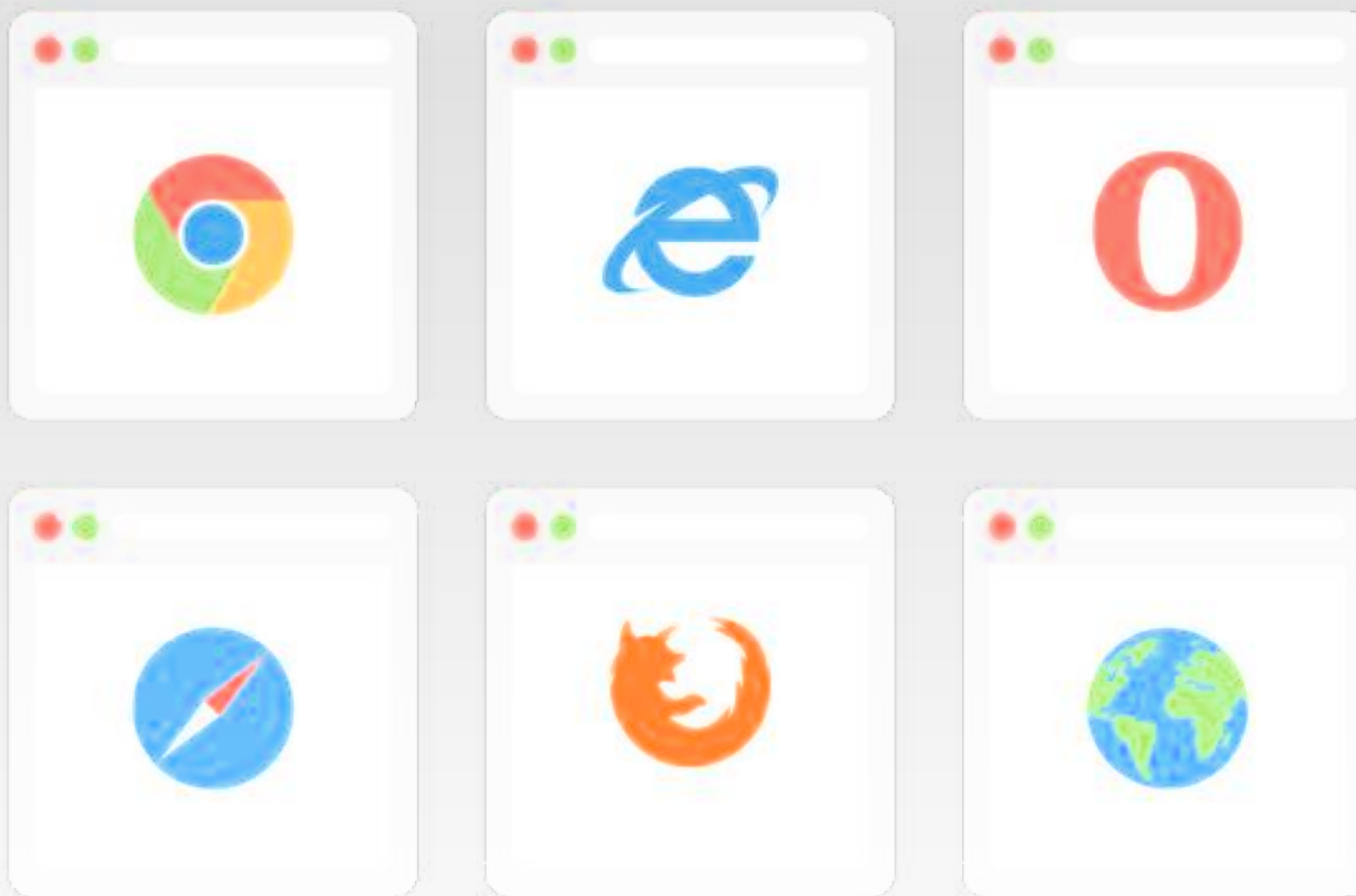
Gabriel Vidal Salazar



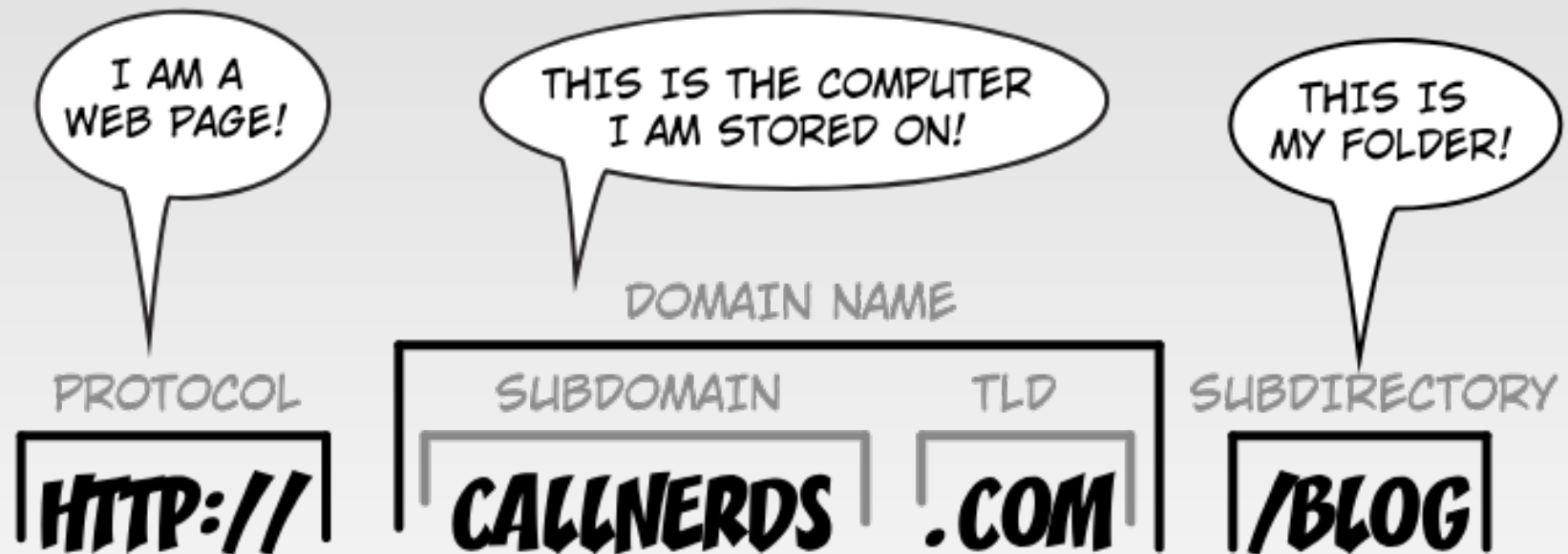
# ¿Cómo funciona la Web?



¿Eso es todo?





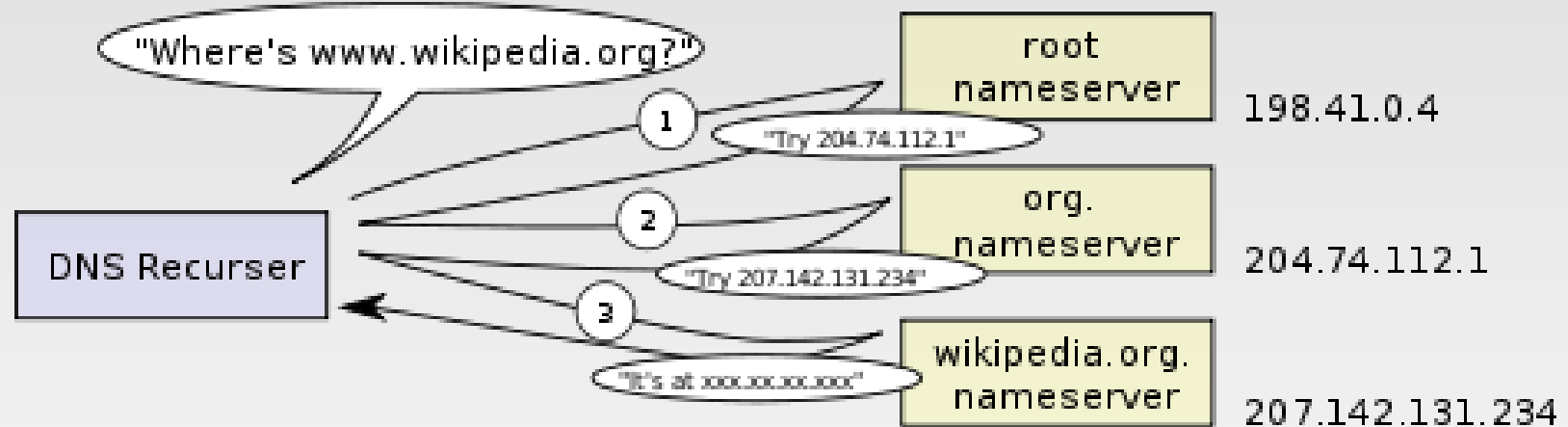


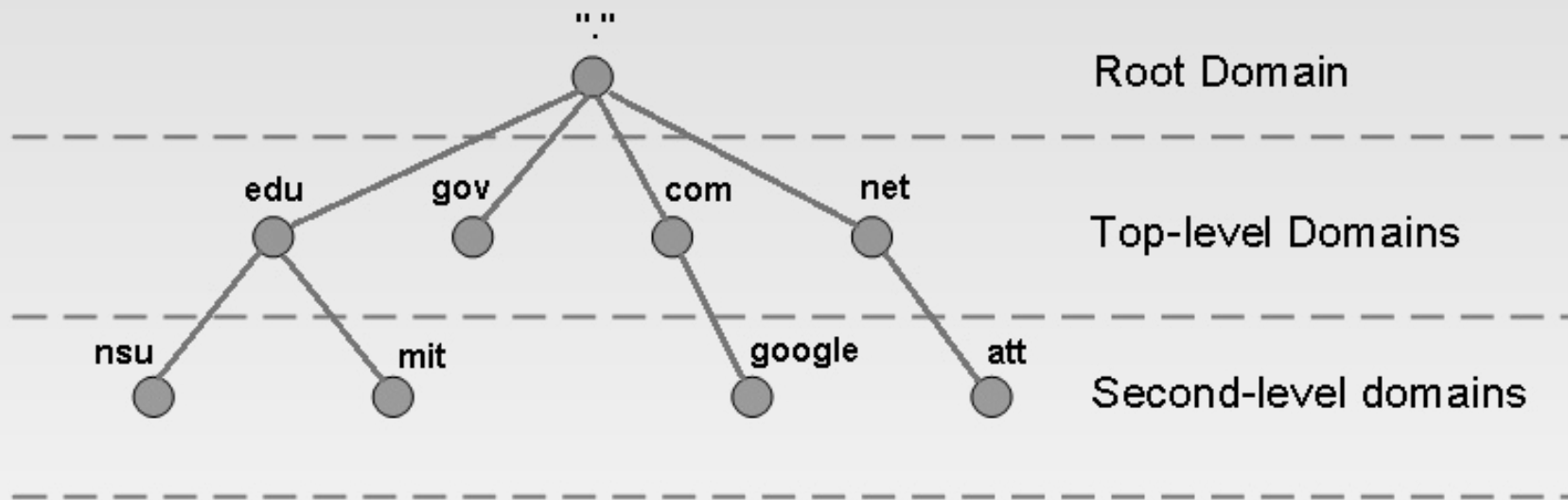






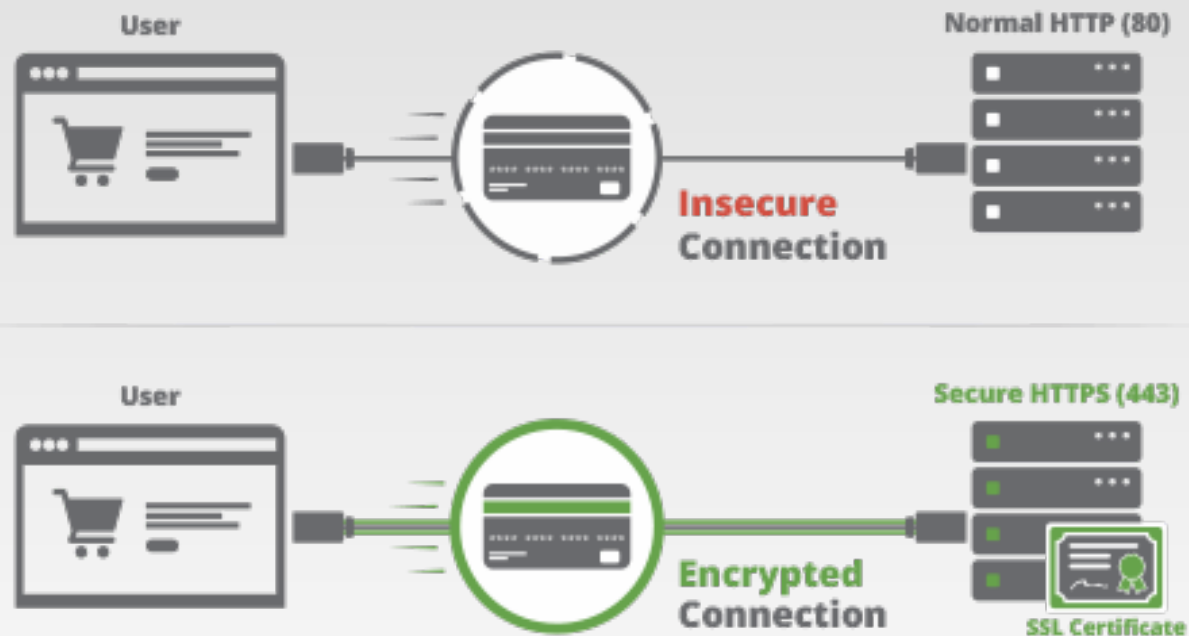


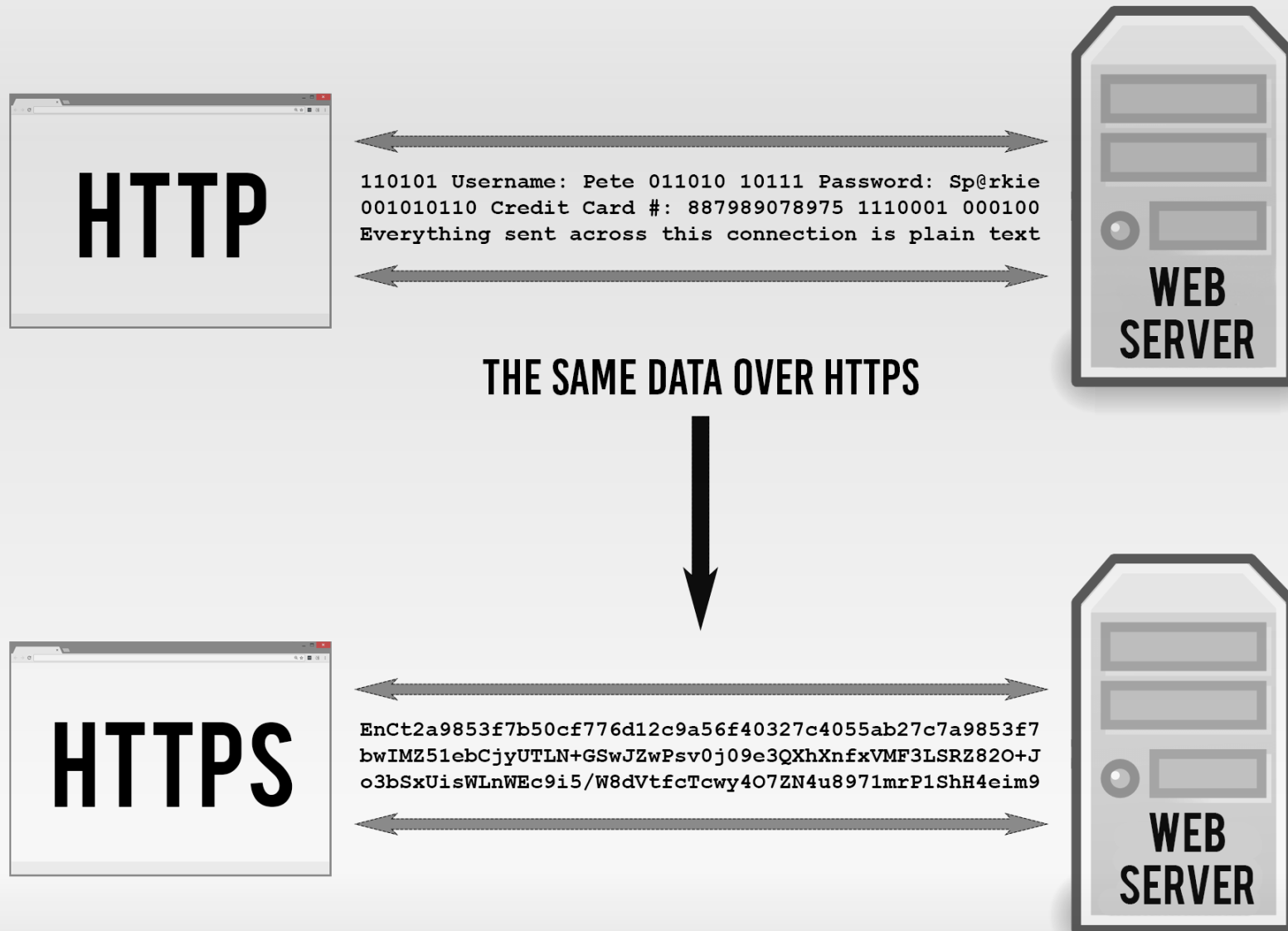




Más información: [IANA](https://iana.org)

# HTTP VS HTTPS





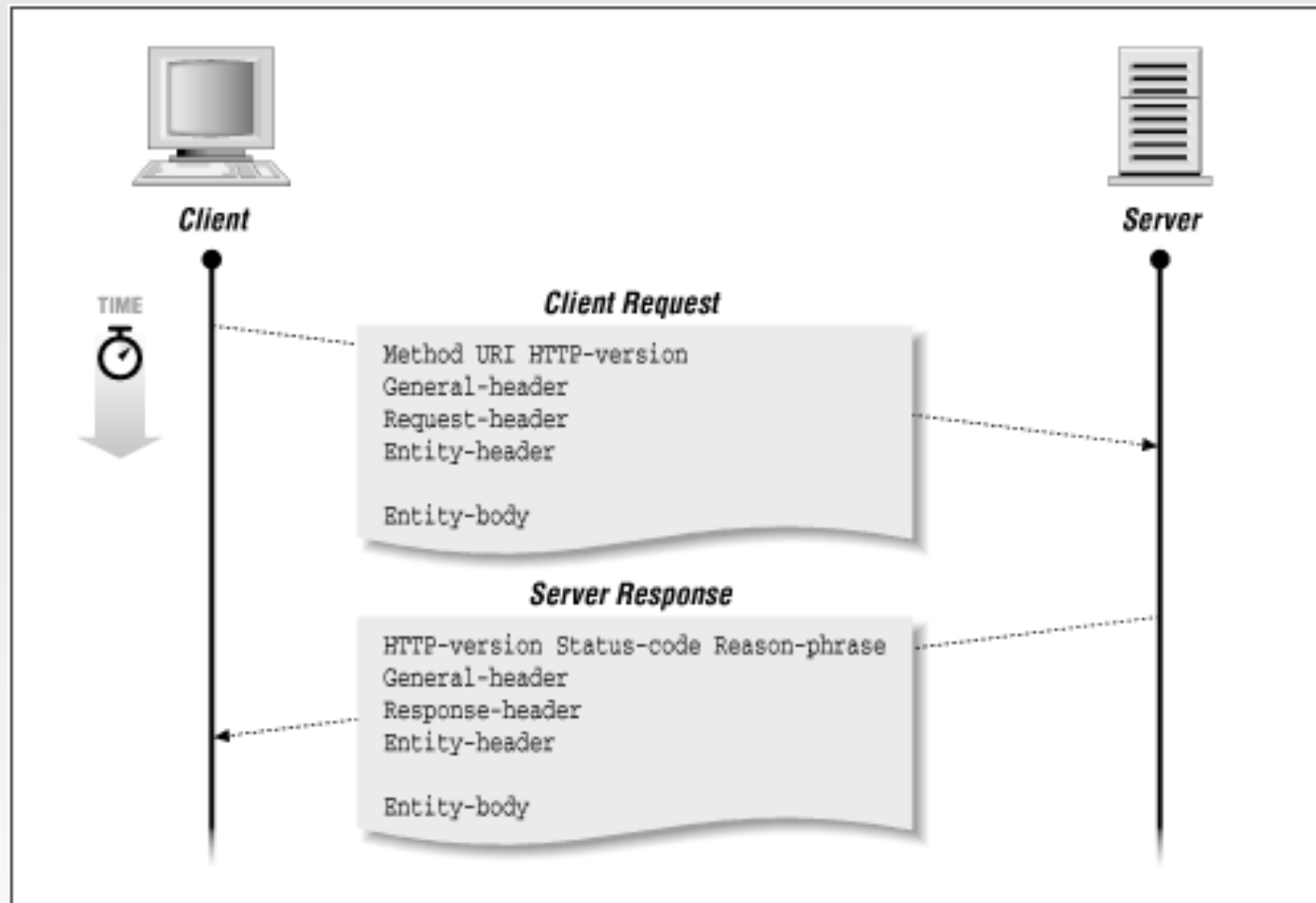


# Let's Encrypt

How-to Install

**FREE**  **HTTPS/SSL Certificate**

On your Website





```
GET /doc/test.html HTTP/1.1
```

```
Host: www.test101.com
```

```
Accept: image/gif, image/jpeg, */*
```

```
Accept-Language: en-us
```

```
Accept-Encoding: gzip, deflate
```

```
User-Agent: Mozilla/4.0
```

```
Content-Length: 35
```

```
bookId=12345&author=Tan+Ah+Teck
```

Request Line

Request Headers

Request  
Message  
Header

A blank line separates header & body

Request Message Body

```
HTTP/1.1 200 OK
```

```
Date: Sun, 08 Feb xxxx 01:11:12 GMT
```

```
Server: Apache/1.3.29 (Win32)
```

```
Last-Modified: Sat, 07 Feb xxxx
```

```
ETag: "0-23-4024c3a5"
```

```
Accept-Ranges: bytes
```

```
Content-Length: 35
```

```
Connection: close
```

```
Content-Type: text/html
```

```
<h1>My Home page</h1>
```

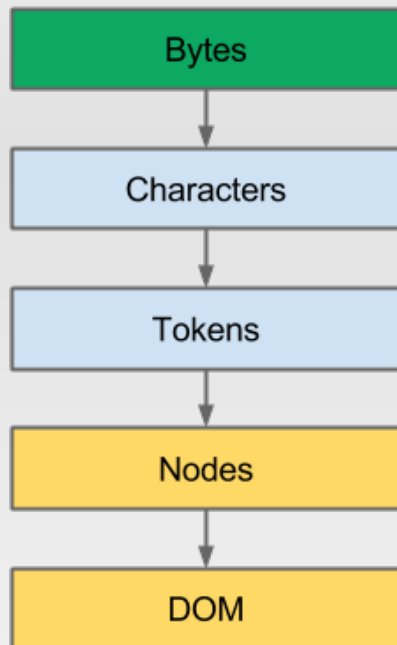
Status Line

Response Headers

Response  
Message  
Header

A blank line separates header & body

Response Message Body

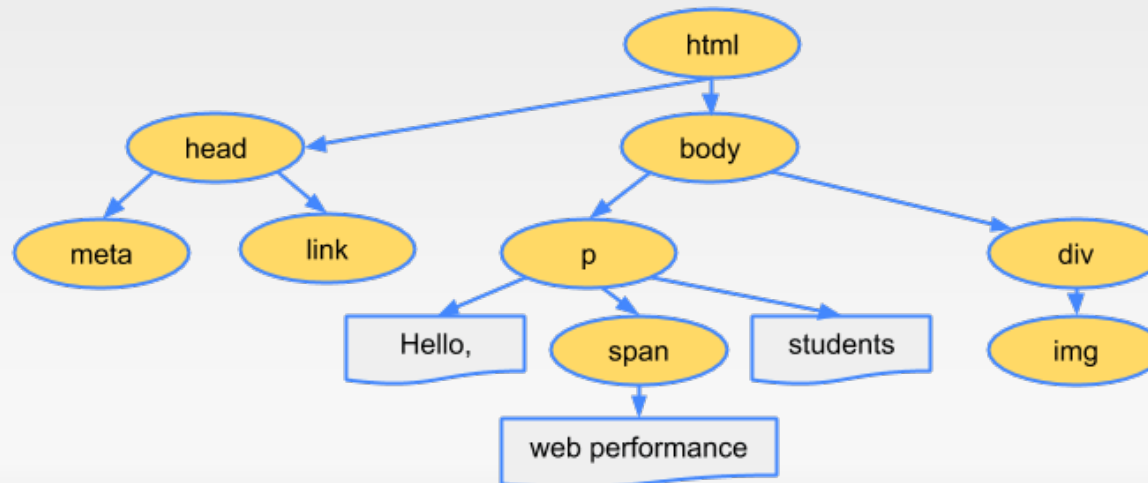


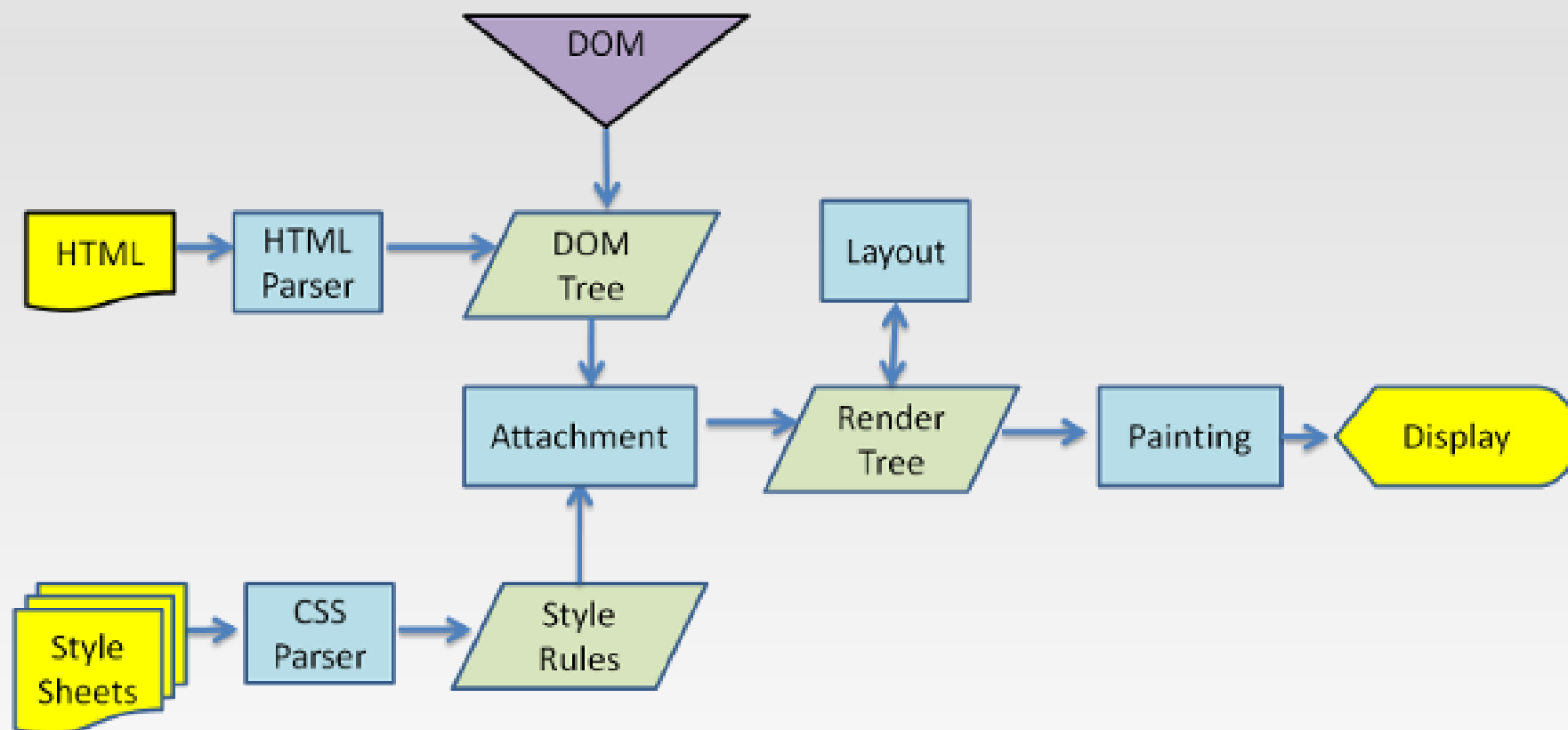
3C 62 6F 64 79 3E 48 65 6C 6C 6F 2C 20 3C 73 70 61 6E 3E 77 6F 72 6C 64 21 3C 2F 73 70 61  
6E 3E 3C 2F 62 6F 64 79 3E

<html><head>...</head><body><p>Hello <span>web performance</span>...

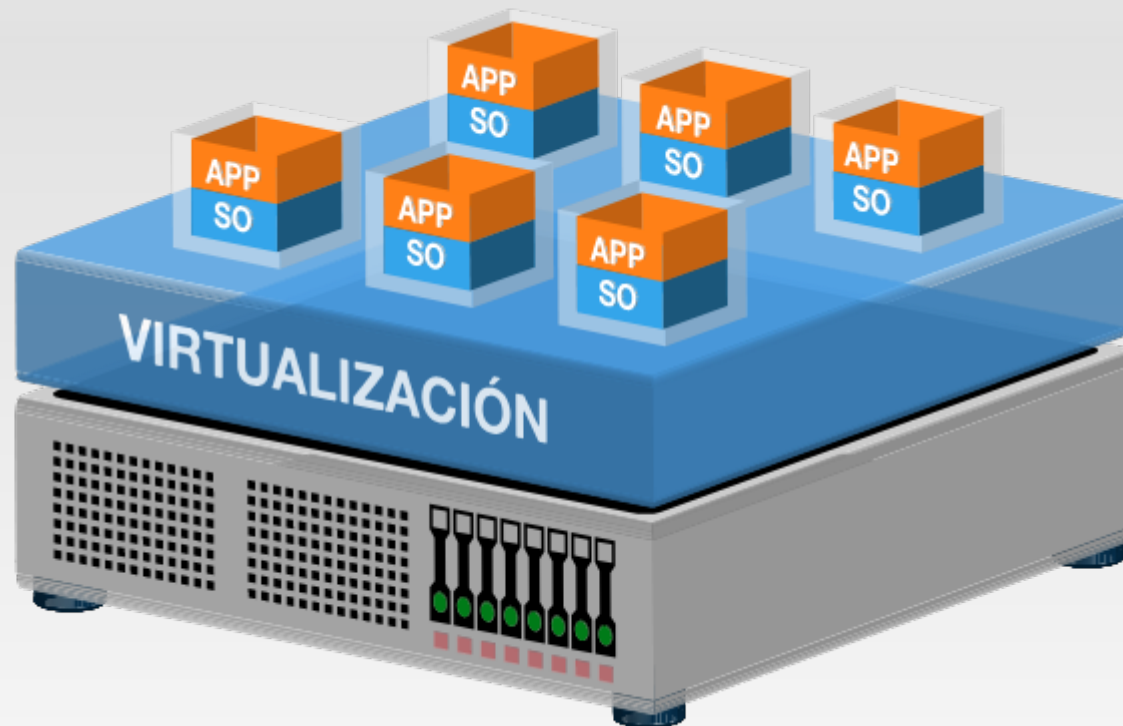
StartTag: html   StartTag: head   ...   EndTag: head   StartTag: body   StartTag: p   Hello   ...

html   head   meta   body   p   Hello

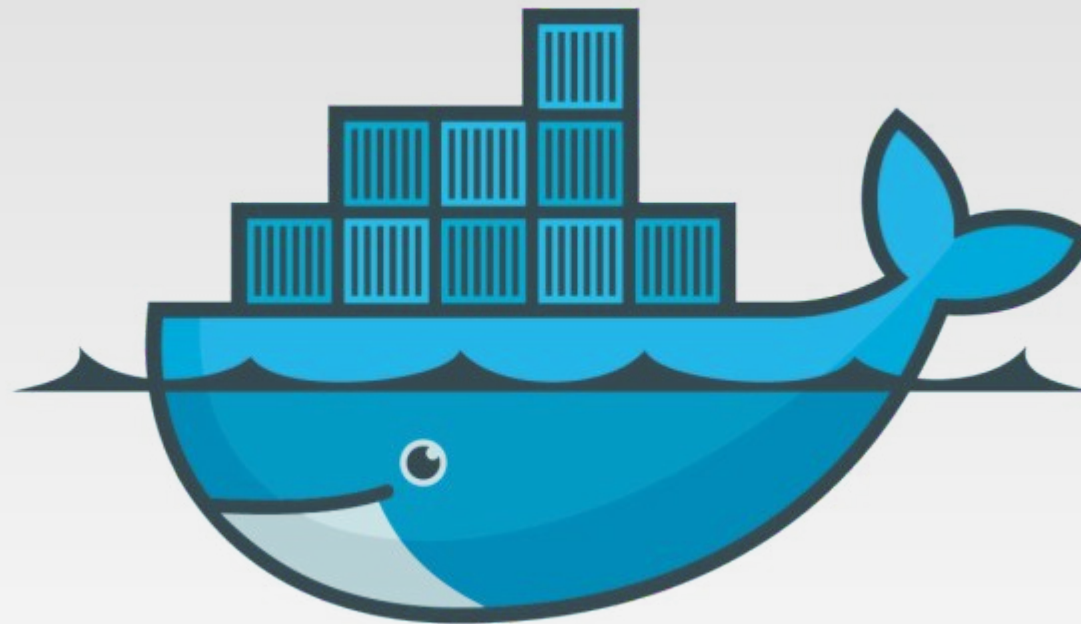




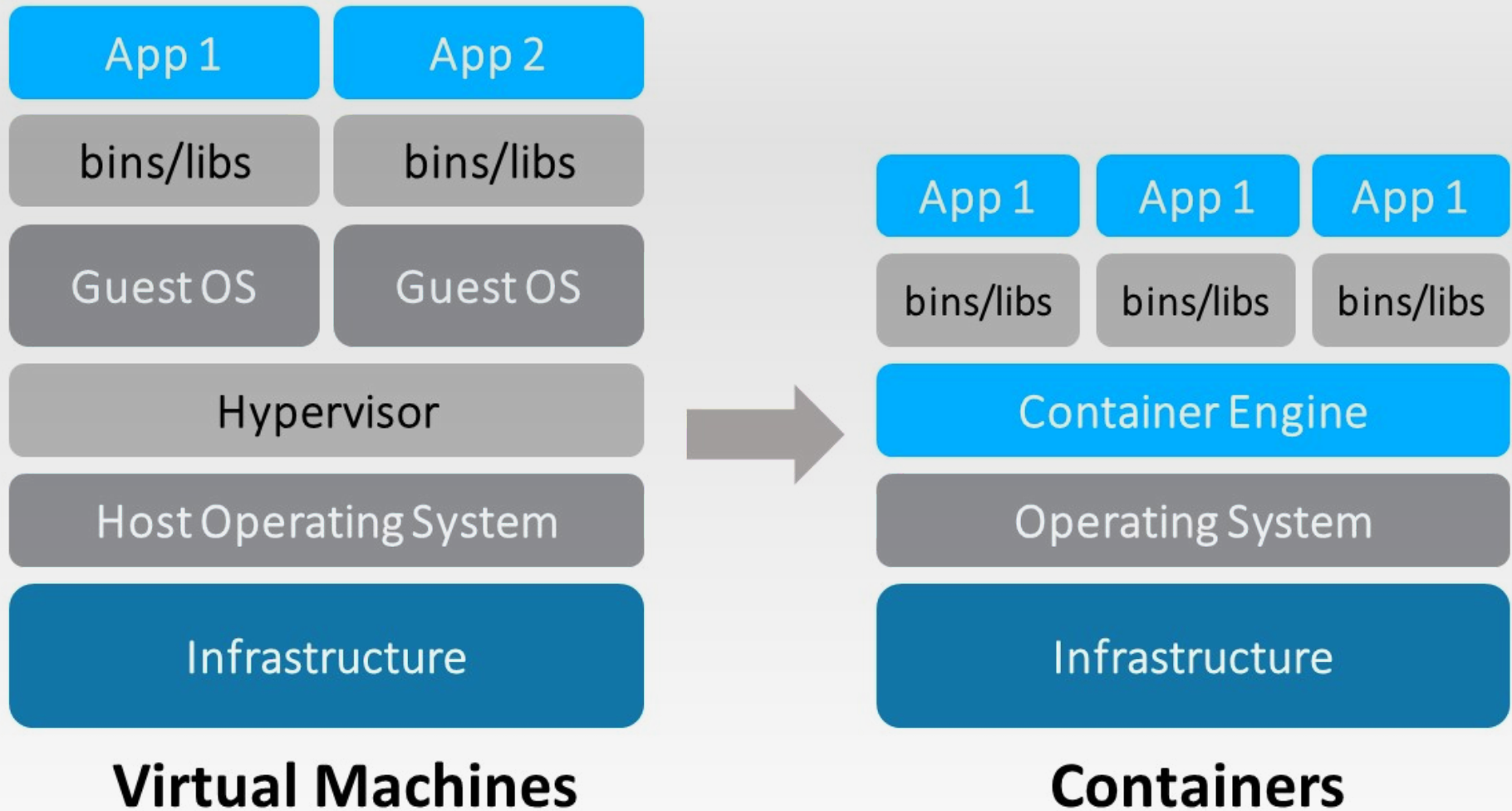
¿Qué pasa de lado del/los servidor/es?



¿Qué pasa cuando hacemos push a Heroku?



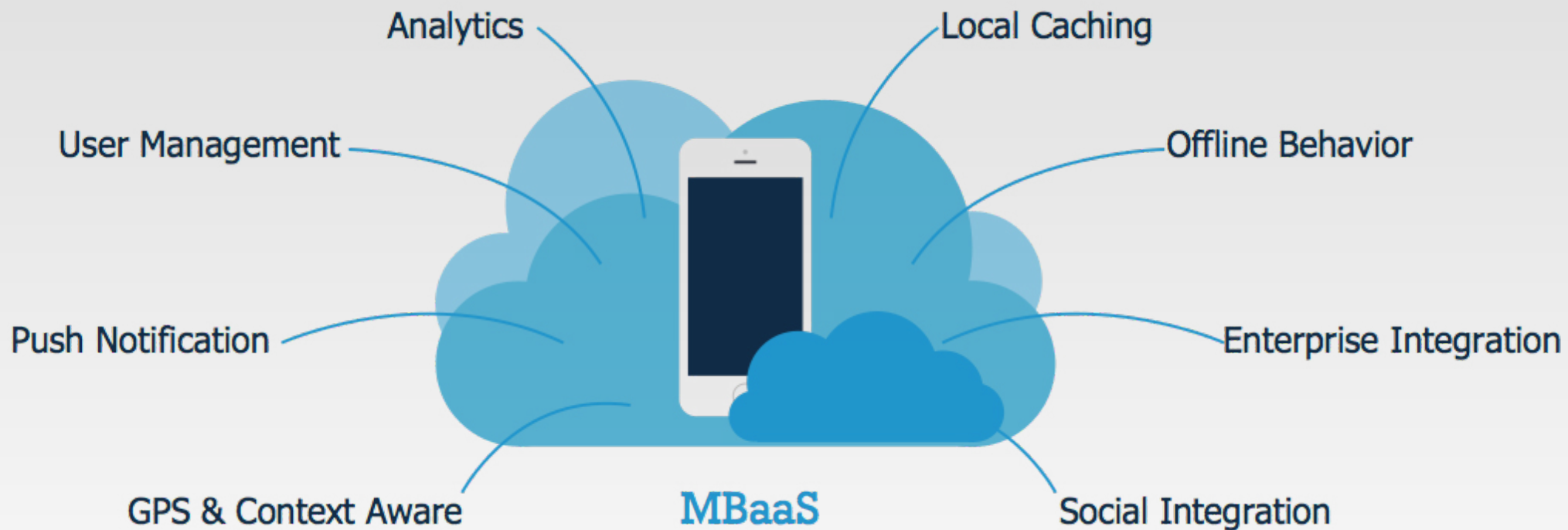


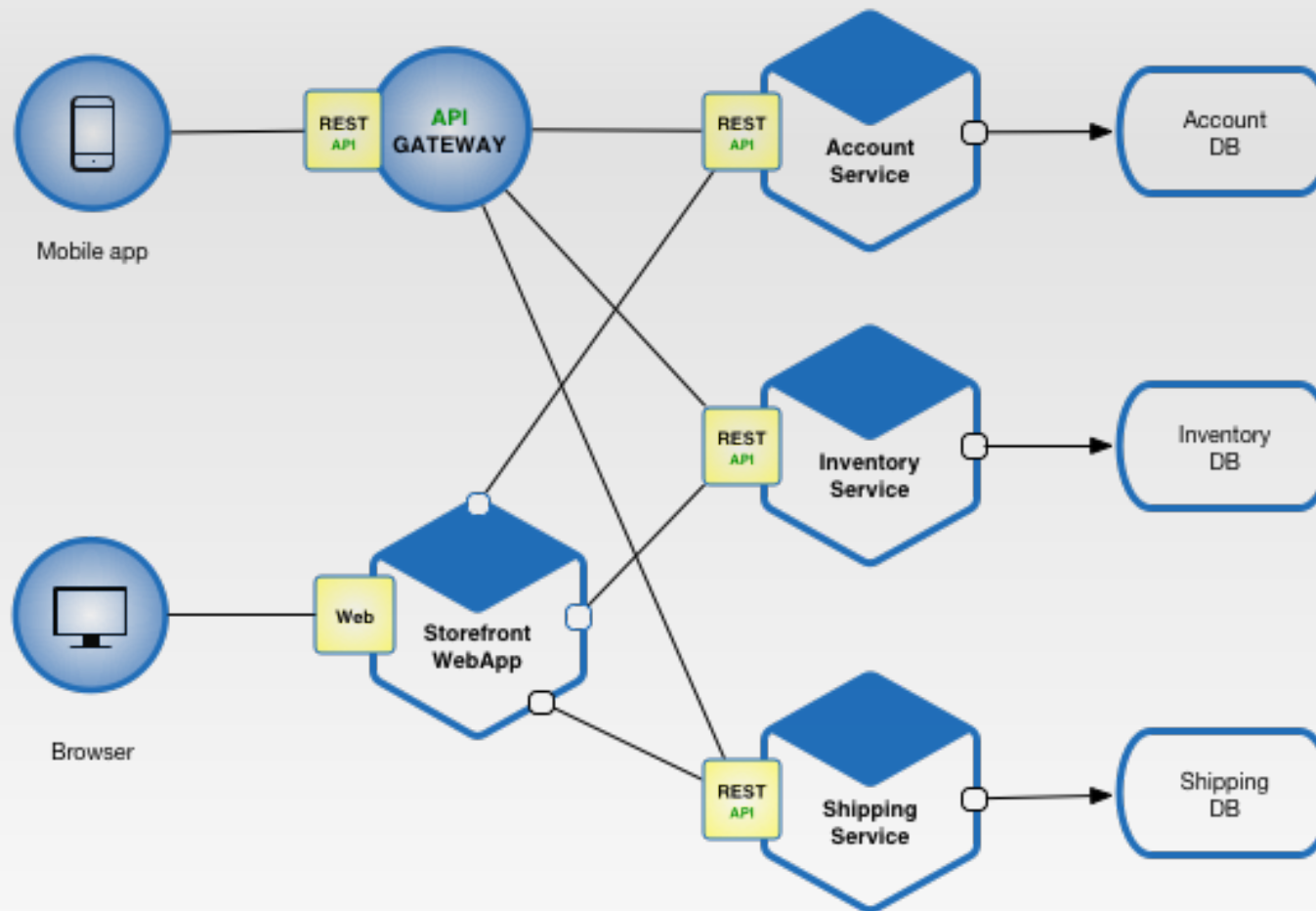


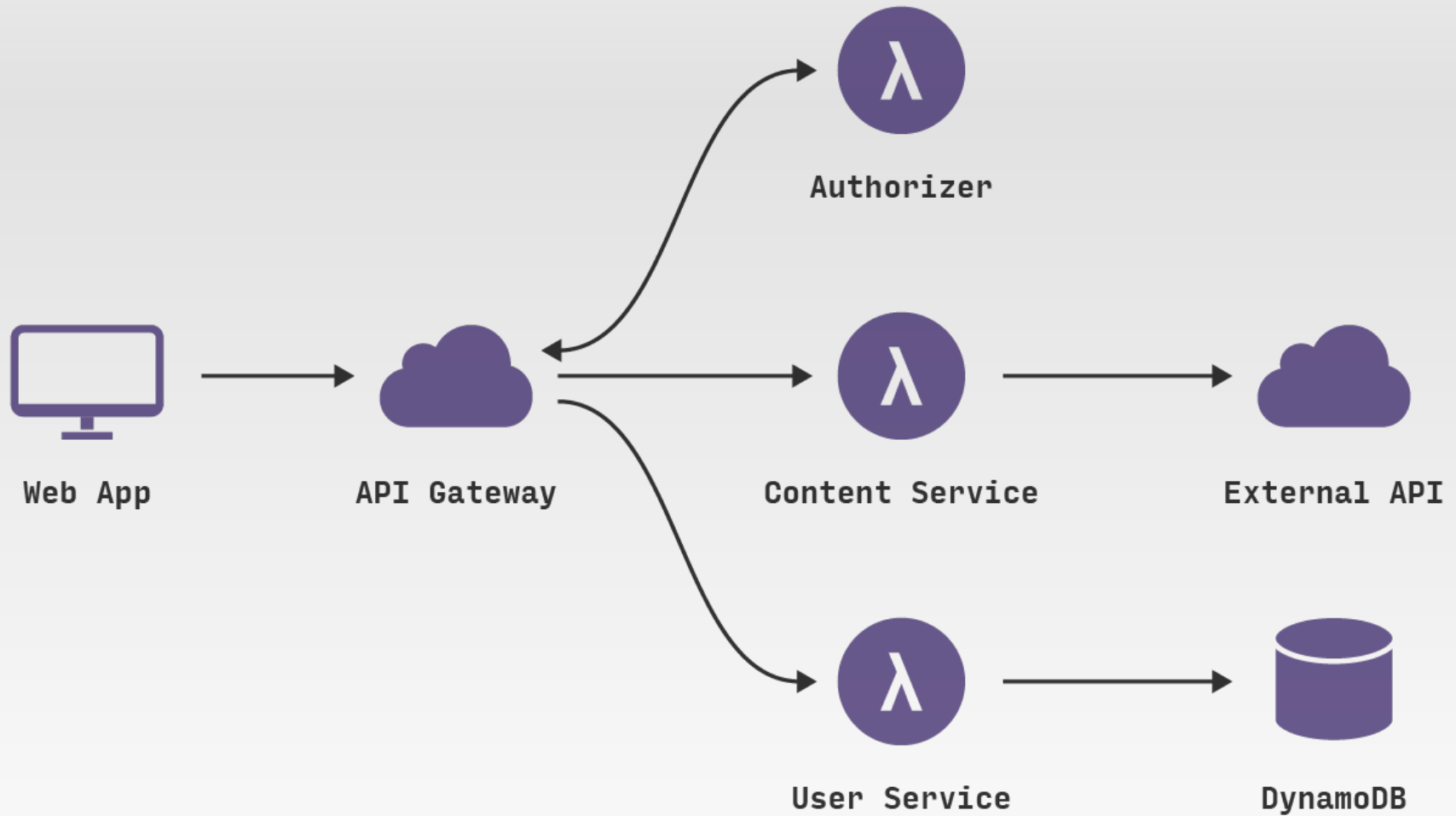
¿Cómo ayudan los contenedores en el proceso de desarrollo?

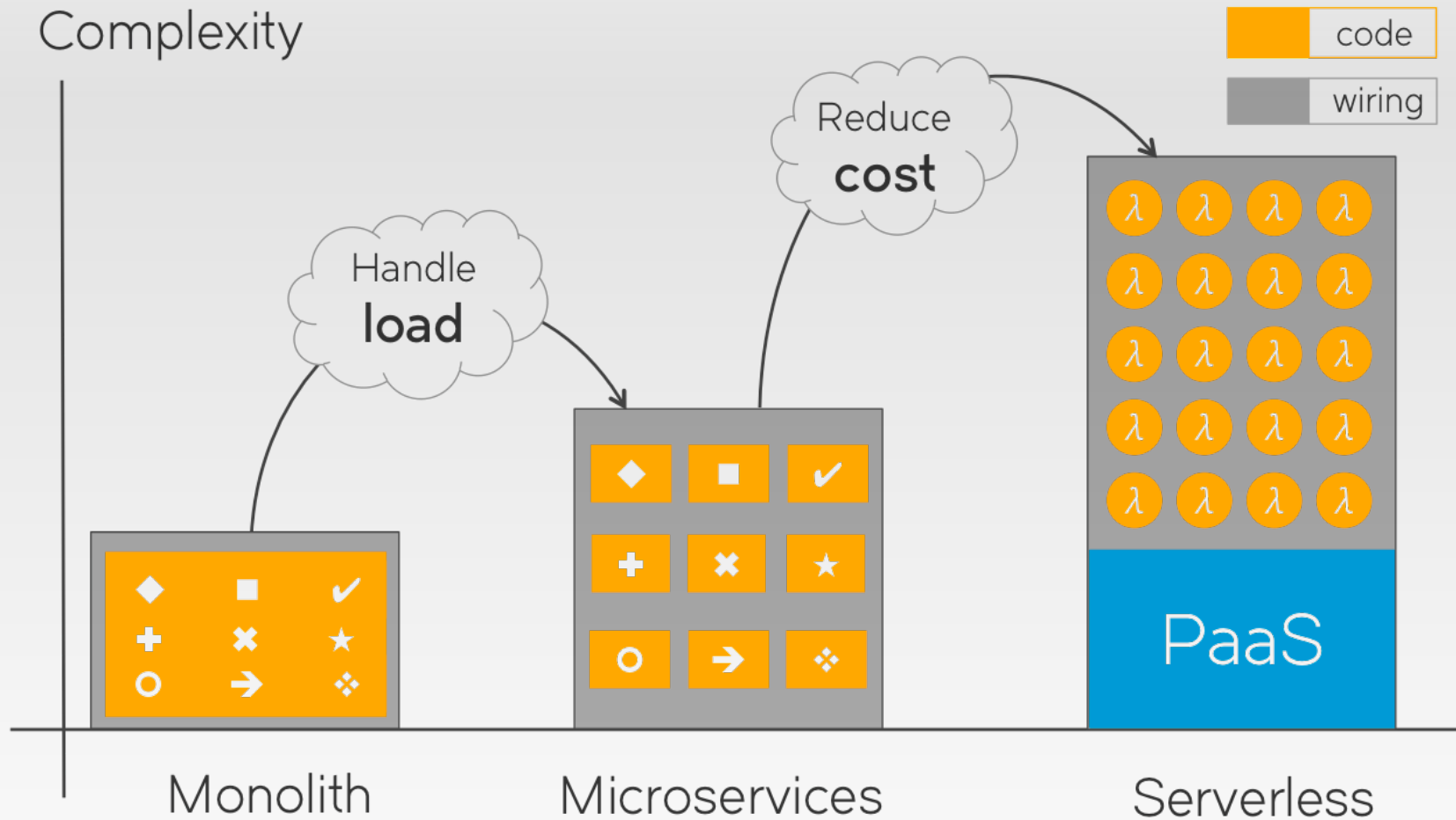


# Algunas arquitecturas











Más información:

MDN: [How the Web Works](#)

GitHub: [How Web Works](#)