

“Bootstrap - Programación”

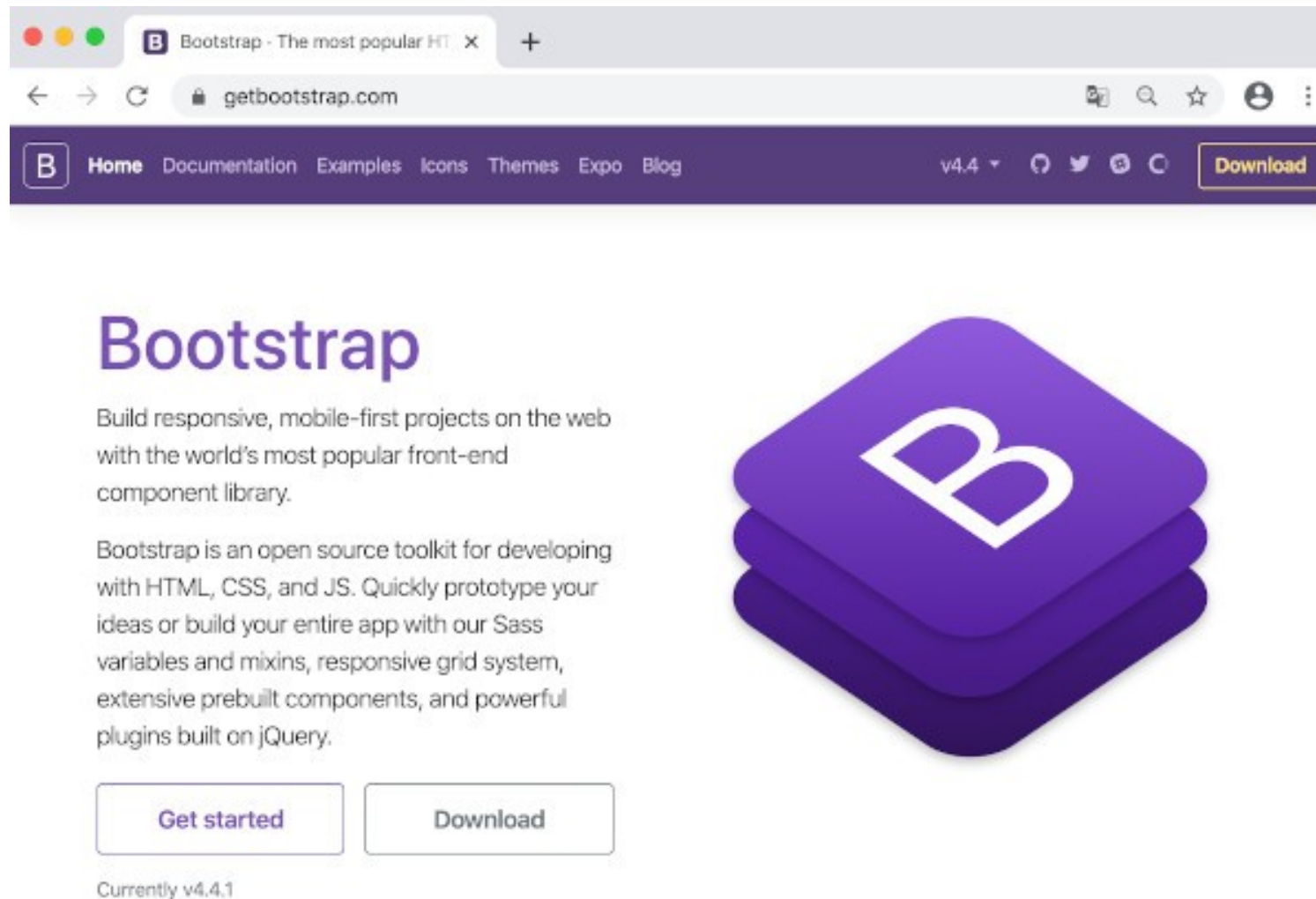


Rogelio Ferreira Escutia

Instalación

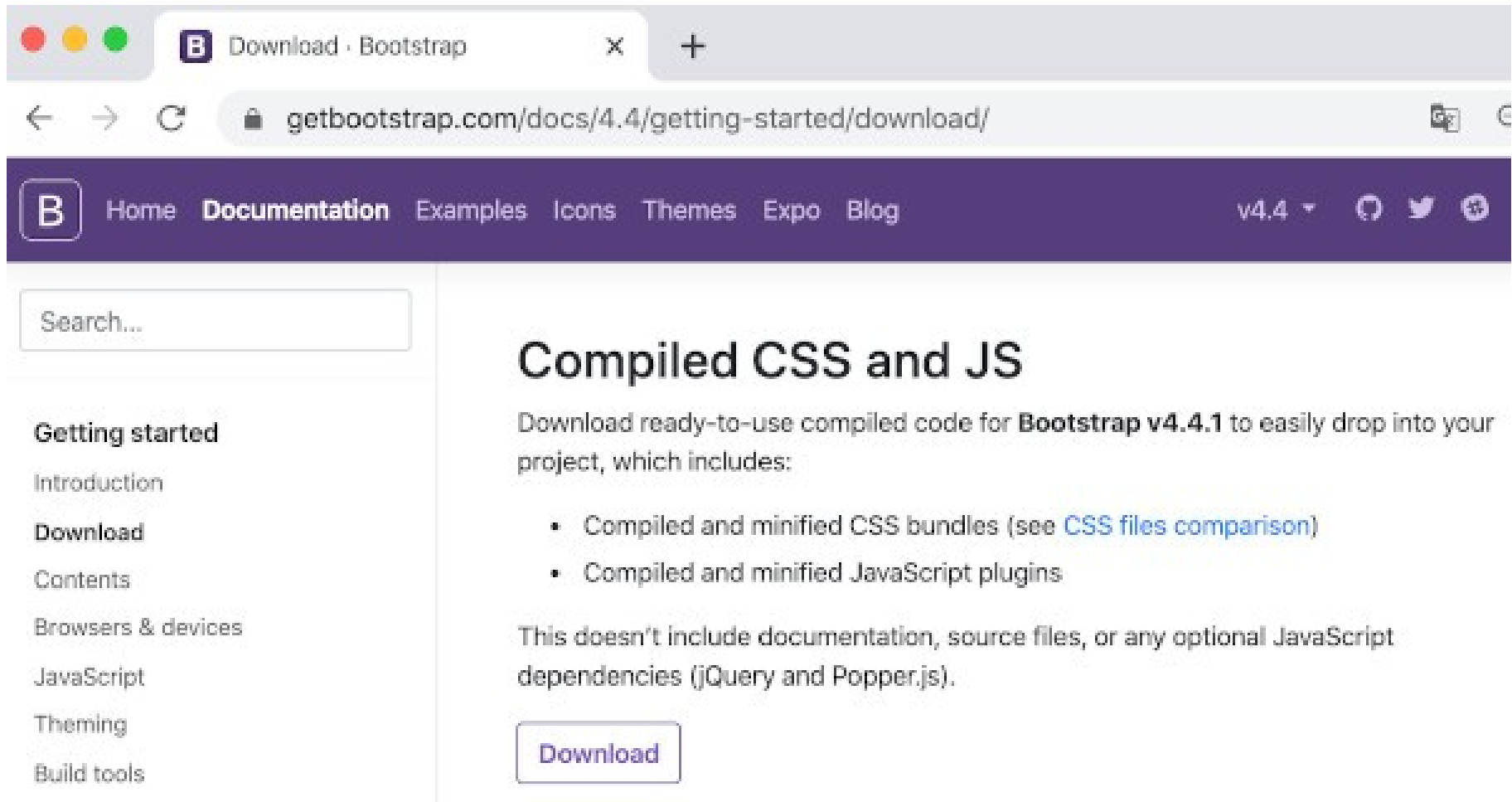
Bootstrap

- **Página oficial:**



Bootstrap

- **Descargar: bootstrap-4.4.1-dist.zip**



The screenshot shows a web browser window with the address bar displaying `getbootstrap.com/docs/4.4/getting-started/download/`. The page title is "Download · Bootstrap". The navigation menu includes "Home", "Documentation", "Examples", "Icons", "Themes", "Expo", and "Blog". The current version is "v4.4". The main content area is titled "Compiled CSS and JS" and contains the following text:

Download ready-to-use compiled code for **Bootstrap v4.4.1** to easily drop into your project, which includes:

- Compiled and minified CSS bundles (see [CSS files comparison](#))
- Compiled and minified JavaScript plugins

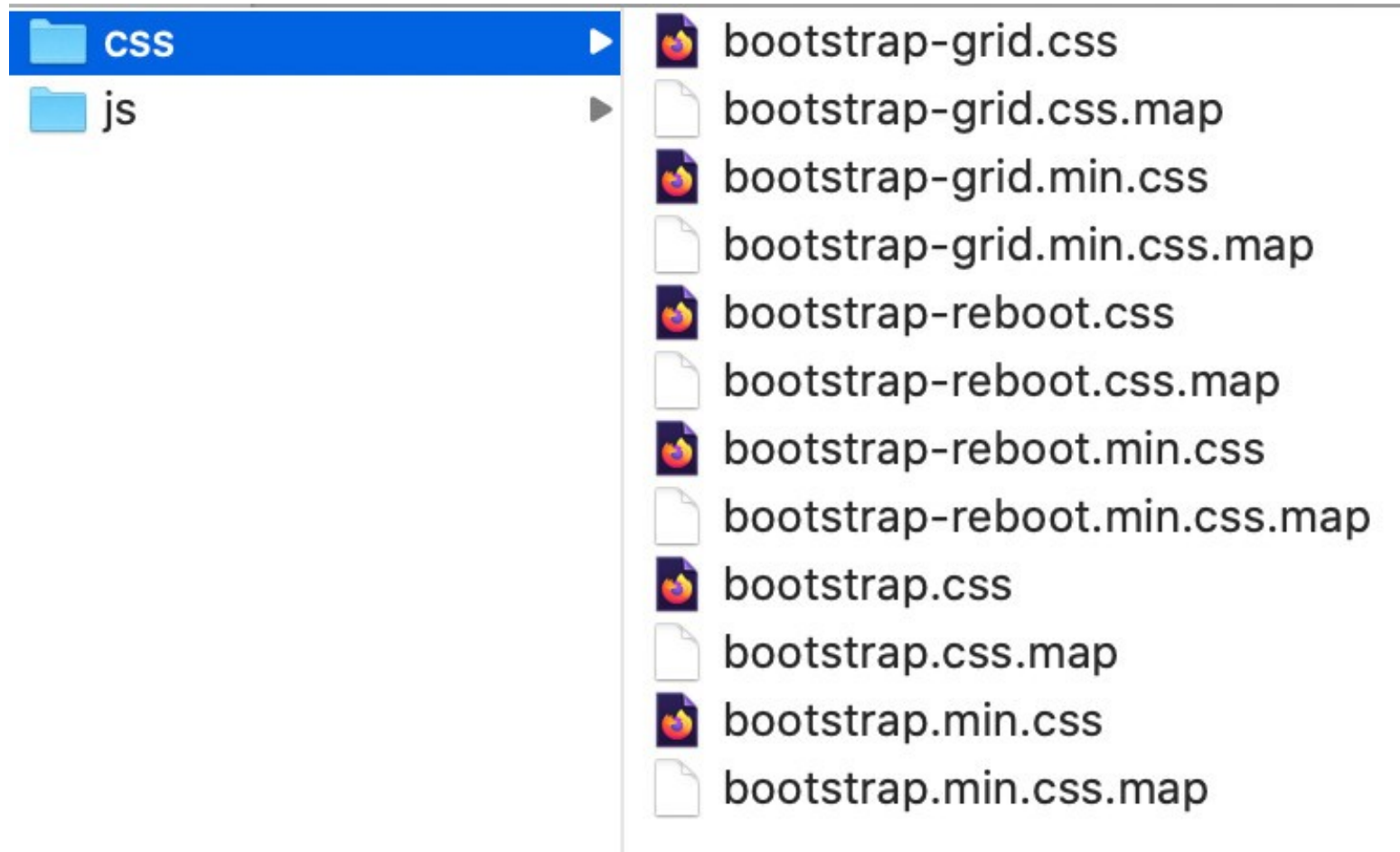
This doesn't include documentation, source files, or any optional JavaScript dependencies (jQuery and Popper.js).

[Download](#)

On the left side, there is a search bar and a sidebar menu under "Getting started" with links to "Introduction", "Download", "Contents", "Browsers & devices", "JavaScript", "Theming", and "Build tools".

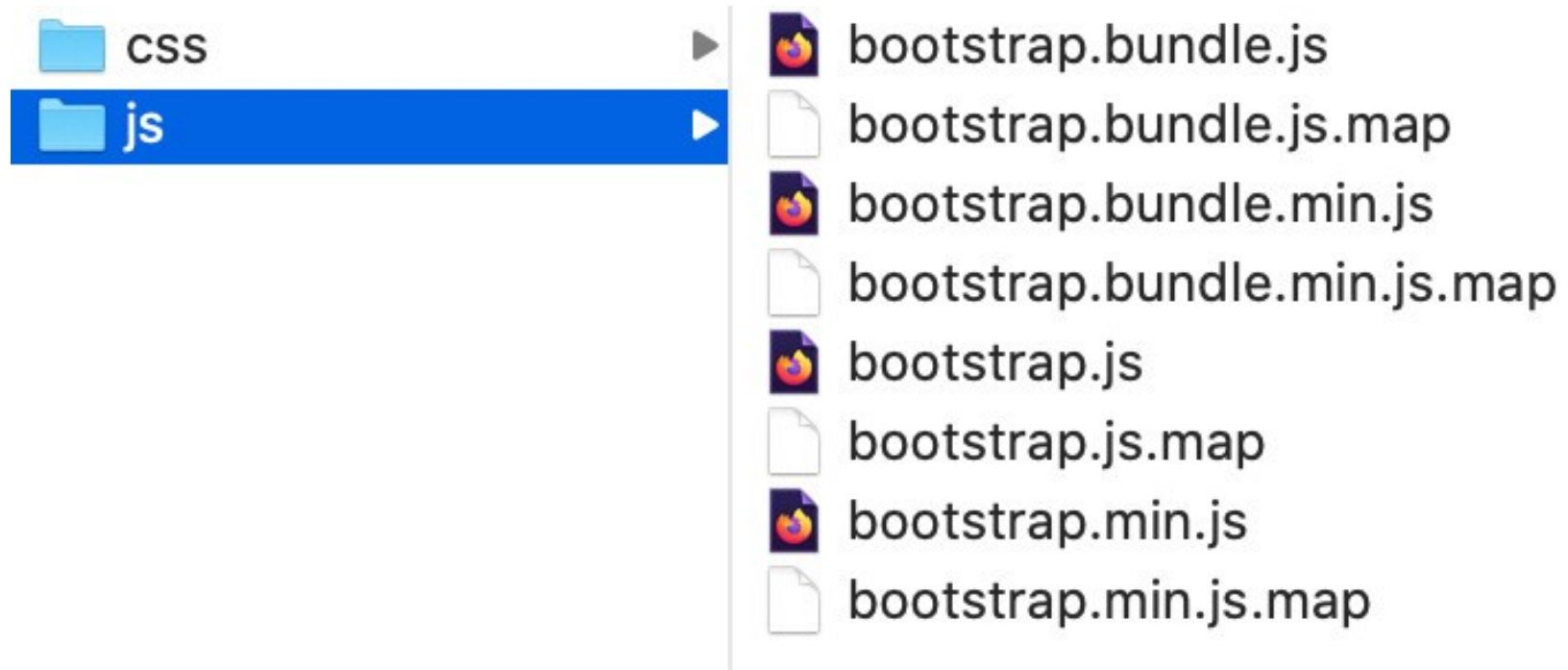
Bootstrap

- **CSS:**



Bootstrap

- **JS:**



Bootstrap

- Estructura inicial:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7 </head>
8 <body>
9
10 </body>
11 </html>
```

Bootstrap

- Hacemos la referencia a nuestra bibliotecas de Bootstrap:

```
<link rel="stylesheet" href="css/bootstrap.min.css" />
```

```
<script src="js/bootstrap.min.js"></script>
```


Bootstrap

- Se recomienda cambiar el “viewport” para no salirse de la pantalla al crear una App:

```
<meta name="viewport" content="width=device-width,  
    initial-scale=1, maximum-scale=1, user-scalable=no">
```

Bootstrap

- Creamos un “container” donde va a ir todo el código que funcione con Bootstrap:

```
<div class="container">  
  
</div>
```

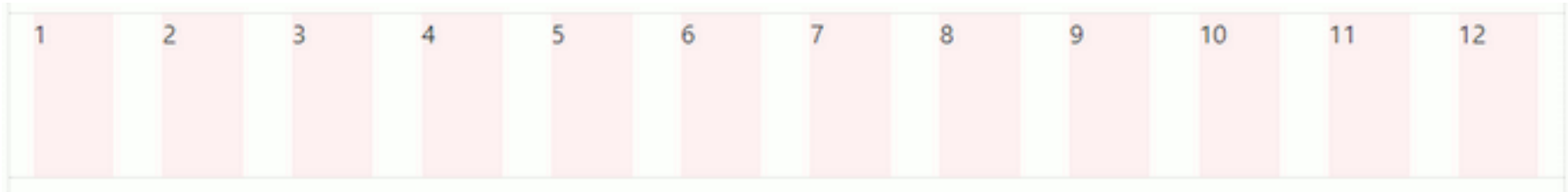
Bootstrap

- Si se requiere un “container” que abarque toda la pantalla:

```
<div class="container-fluid">  
  
</div>
```

Rejilla

- Se tiene una rejilla de 12 columnas iguales predefinidas:



Reglas

- Definir un “container”.
- Todos los objetos deben de ir dentro del “container”.
- Definir renglones (row).
- Definir columnas (col) dentro de los renglones (row).
- Asignar espacio entre columnas (gap).

Columnas

- Empiezan con “col-”.
- Definir el punto de quiebre:
 - “xs” \leq 544 px
 - “sm” \leq 768 px
 - “md” \leq 992 px
 - “lg” \leq 1200 px
 - “xl” $>$ 1200 px
- Definir número de columnas (1 a 12).



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