

ANGULAR UI – Layouts & Grids

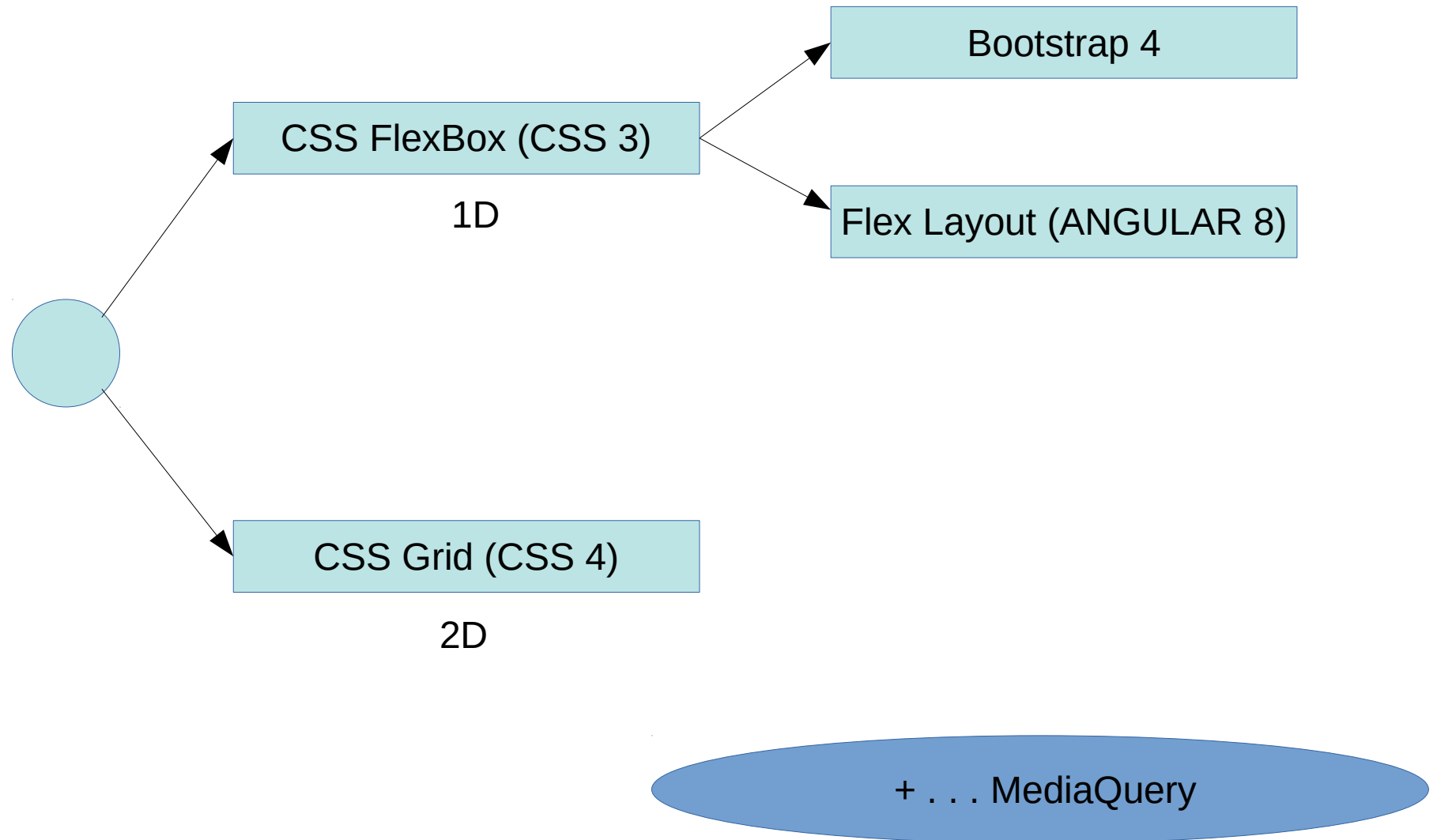


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¿Qué buscamos?

- 1) Sistema flexible que permita expresar todo tipo de diseños de pantalla.
- 2) Compatible con navegadores y versiones variadas.
- 3) Productivo a la hora de diseñar.
- 4) Genere estructuras claras y mantenibles.
- 5) Permita montar diseños Web Responsive [...Mobile First]...

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CSS Flexbox:

| IE | Edge * | Firefox | Chrome | Safari | Opera | iOS Safari * | Opera Mini * | Android Browser * | Opera Mobile * | Chrome for Android | Firefox for Android | UC Browser for Android | Samsung Internet |
|--------|--------|---------|--------|---------|---------|--------------|--------------|-------------------|----------------|--------------------|---------------------|------------------------|------------------|
| | | | | | 10-11.5 | | | | | | | | |
| | | 1 2-21 | 1 4-20 | 1 3.1-6 | 12.1 | 1 3.2-6.1 | | | | | | | |
| 6-9 | | 2 22-27 | 21-28 | 6.1-8 | 15-16 | 7-8.4 | | 1 2.1-4.3 | 12 | | | | |
| 2 4 10 | 12-18 | 28-71 | 29-78 | 9-12.1 | 17-63 | 9-13.1 | | 4.4-4.4.4 | 12.1 | | | | 4-9.2 |
| 4 11 | 79 | 72 | 79 | 13 | 64 | 13.2 | all | 76 | 46 | 79 | 68 | 12.12 | 10.1 |
| | | 73-74 | 80-82 | TP | | 13.3 | | | | | | | |

CSS GRID:

| IE | Edge * | Firefox | Chrome | Safari | Opera | iOS Safari * | Opera Mini * | Android Browser * | Opera Mobile * | Chrome for Android | Firefox for Android | UC Browser for Android | Samsung Internet |
|------|---------|---------|---------|-----------|---------|--------------|--------------|-------------------|----------------|--------------------|---------------------|------------------------|------------------|
| | | 2-39 | 4-28 | | | | | | | | | | |
| | | 3 40-51 | 1 29-56 | | 10-27 | | | | | | | | |
| 6-9 | 2 12-15 | 4 52-53 | 4 57 | 3.1-10 | 1 28-43 | 3.2-10.2 | | | | | | | 4-5.4 |
| 2 10 | 16-18 | 54-71 | 58-78 | 10.1-12.1 | 44-63 | 10.3-13.1 | | 2.1-4.4.4 | 12-12.1 | | | | 6.2-9.2 |
| 2 11 | 79 | 72 | 79 | 13 | 64 | 13.2 | all | 76 | 46 | 79 | 68 | 12.12 | 10.1 |
| | | 73-74 | 80-82 | TP | | 13.3 | | | | | | | |

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Ejemplos LAYOUT

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Instalar Angular FlexLayout:

```
npm install @angular/flex-layout@^8.0.0-beta.27 --save
```

```
npm install --save tslib
```

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A día de hoy, ¿Cual usar?

- Cualquiera de los 3 es buena opción.
- Pueden mezclarse!
- CSS Grid para Layout + FlexBox para Grids: BUENA OPCIÓN!
- FlexLayout (Angular 8), para todo, también buena opción.

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Diseño orientación vertical:



A diagram of a vertical form layout. At the top left is a paperclip icon, and at the top right is a 'Menú' button with a downward arrow. Below these is a horizontal line. The form contains three text input fields labeled 'Nombre', 'Apellidos', and 'Dirección' stacked vertically. Below the inputs are two checked checkboxes: 'Estudiante' and 'Discapacidades'. Below the checkboxes is a large light blue rectangular area labeled 'Observaciones'. At the bottom center is a 'cerrar' button.