

Selecciones y *join* de datos en D3.js

IIC2026 2020-2

Selecciones en D3.js II

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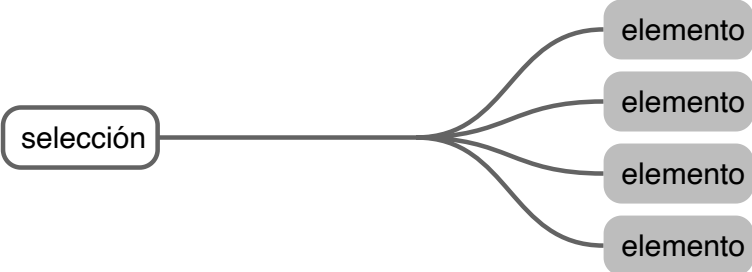
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Selecciones

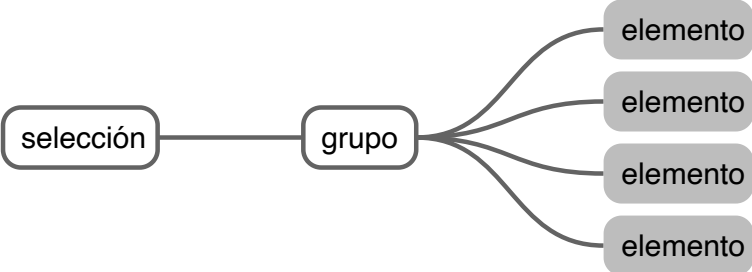
```
d3.selectAll("rect")  
  .attr("y", 50)  
  .style("fill", "red")  
  .attr("x", (d, i, all) => 100 * i);
```

```
1 <svg>  
2   <rect y="50" style="fill: red" x="0"></rect>  
3   <rect y="50" style="fill: red" x="100"></rect>  
4   <rect y="50" style="fill: red" x="200"></rect>  
5 </svg>
```

Selecciones

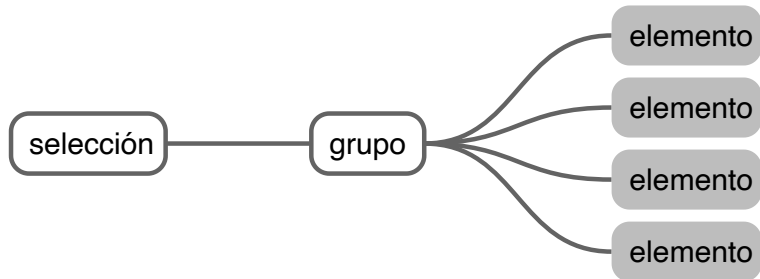


Selecciones



Selecciones

```
d3.selectAll("elemento")
```



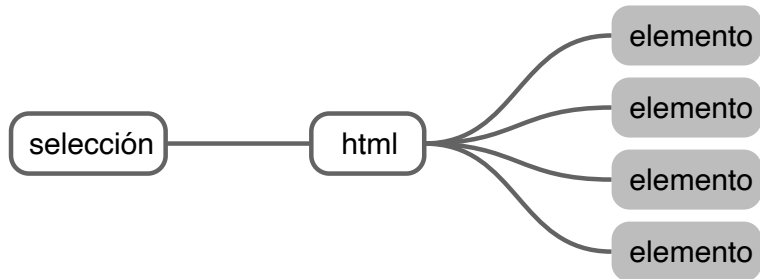
Selecciones

```
d3.select("elemento")
```



Selecciones

```
d3.selectAll("elemento")
```



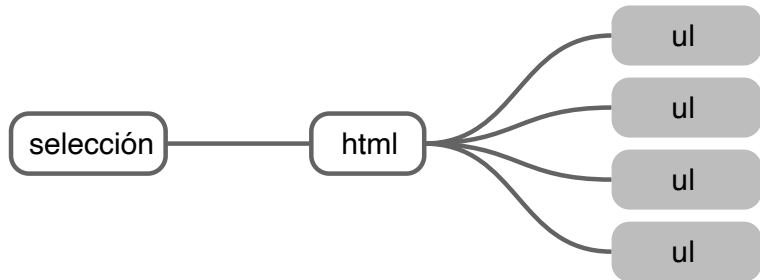
Selecciones

```
d3.select("elemento")
```



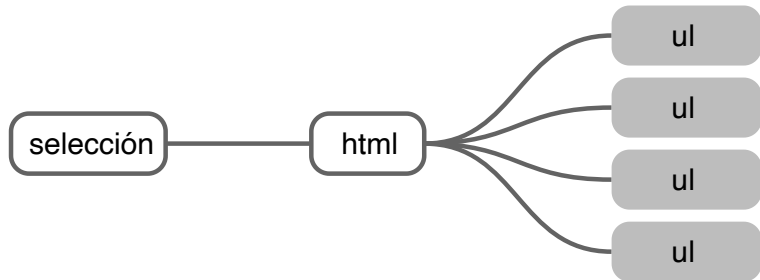
Múltiples grupos

```
d3.selectAll("ul");
```



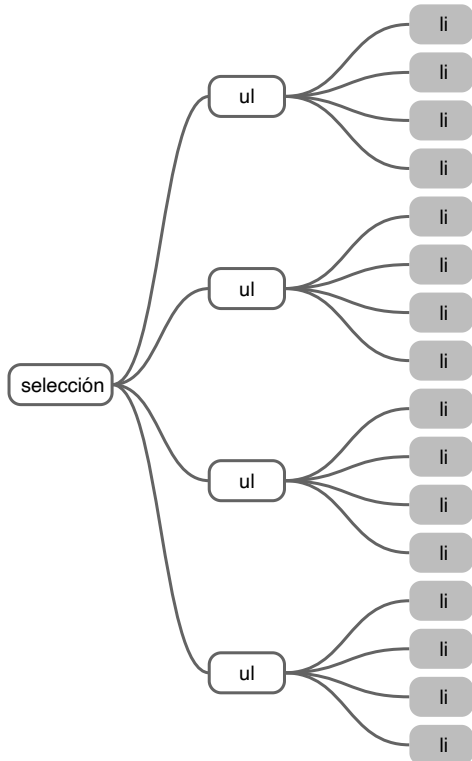
Múltiples grupos

```
d3.selectAll("ul")  
  .selectAll("li");
```



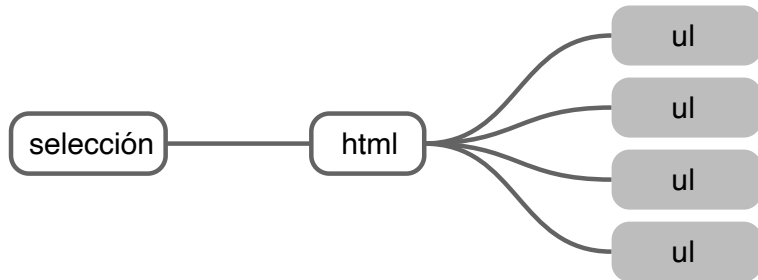
Múltiples grupos

```
d3.selectAll("ul")  
  .selectAll("li");
```



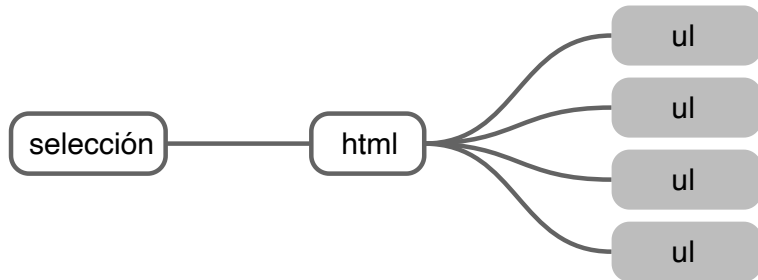
Múltiples grupos

```
d3.selectAll("ul");
```



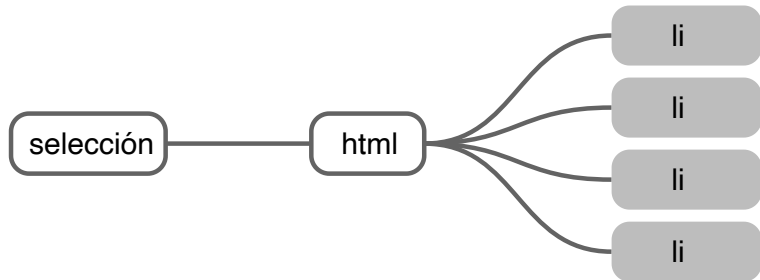
Múltiples grupos

```
d3.selectAll("ul")  
  .select("li");
```



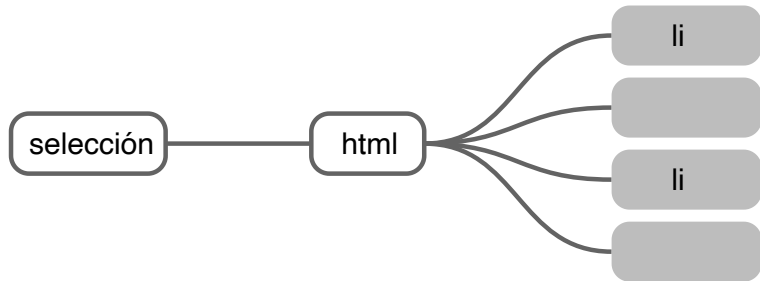
Múltiples grupos

```
d3.selectAll("ul")  
  .select("li");
```



Múltiples grupos

```
d3.selectAll("ul")  
  .select("li");
```



Múltiples grupos

```
const seleccion = d3.selectAll("ul").select("li");
console.log(seleccion);
```

```
▼ {...}
  ▶ _groups: Array [ (4) [...] ]
  ▶ _parents: Array [ html  ]
  ▶ <prototype>: Object { constructor: Pt(t, n) ↗, select: select(t) ↗,
    selectAll: selectAll(t) ↗, ... }
```

programa_1.js:9:9

Múltiples grupos

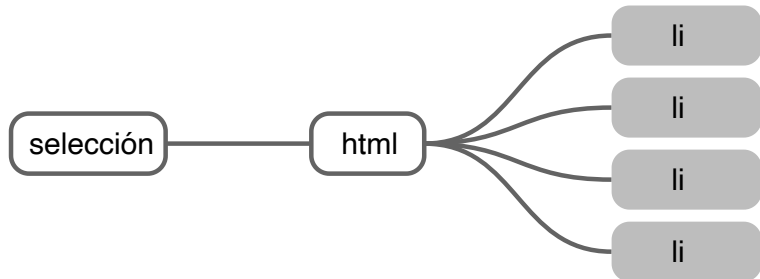
```
const seleccion = d3.selectAll("ul").selectAll("li");
console.log(seleccion);
```

```
▼ {...}
  ▶ _groups: Array(4) [ NodeList(3), NodeList(3), NodeList(3), ... ]
  ▶ _parents: Array(4) [ ul, ul, ul, ... ]
  ▶ <prototype>: Object { constructor: Pt(t, n) ↗, select: select(t) ↗,
    selectAll: selectAll(t) ↗, ... }
```

programa_1.js:11:9

selección.append

```
d3.selectAll("ul")  
  .append("li");
```



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¡Deja tus preguntas en los comentarios!