Tutorial D3.js



03 – Funciones y Eventos

Funciones (I)

índice

this

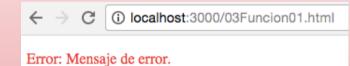
```
33
```

objeto seleccionado

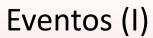
Funciones (II)



```
<!DOCTYPE html>
    <html lang="es">
   <head>
       <meta charset="UTF-8">
       <title>Selección 02</title>
       <script type="text/javascript" src="http://d3js.org/d3.v4.min.js"></script>
   </head>
8 <body>
           Error: Mensaje de error.
           Aviso: Mensaje de aviso.
       <script>
           d3.selectAll("p").style("color", function(d, i) {
                   var text = this.innerText;
                   if (text.index0f("Error") >= 0) {
                       return "red";
                } else if (text.indexOf("Aviso") >= 0) {
                      return "blue";
            });
       </script>
   </body>
```



Aviso: Mensaje de aviso.





d3.selection.on(type[, listener[, capture]]);

Método	Descripción
selection.on()	Add or remove event listeners to capture event types like click, mouseover, mouseout etc.
selection.dispatch()	Captures event types like click, mouseover, mouseout. Typenames is the eventname, listener is the event listener
d3.event	Event object to access standard event fields such as timestamp or methods like preventDefault
d3.mouse(contenedor)	Gets the x and y coordinates of the current mouse position in the specified DOM element.
d3.touch()	Gets the touch coordinates to a container

https://github.com/d3/d3-selection/blob/master/README.md#handling-events

Eventos (II)

```
23
```

```
<!DOCTYPE html>
<html lang="es">
<head>
    <meta charset="UTF-8">
    <title>Selección 02</title>
    <script type="text/javascript" src="http://d3js.org/d3.v4.min.js"></script>
        div {
            height: 100px;
            width: 100px;
            background-color: steelblue;
            margin:5px;
    </style>
</head>
    <div> </div>
    <div> </div>
        d3.selectAll("div")
            .on("mouseover", function(){
                d3.select(this)
                  .style("background-color", "orange");
                  console.log(d3.event);
                  console.log(d3.mouse(this));
            })
            .on("mouseout", function(){
    d3.select(this)
                   .style("background-color", "steelblue")
            });
</script>
</body>
</html>
```

