

# Listening To Events

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USER



LISTENER

click  
mouseover  
change  
...

## API | *selection.on*

Syntax:

```
selection.on(
    event,
    handlerFunction)
```

# Handler Function

**this**  $\longrightarrow$  **<button>**

```
d3.select(this)
```

~~()  $\Rightarrow$  {}~~

```
function() {}
```

## **API** | d3.event

Syntax:

`d3.event`

## Example

```
body.selectAll("circle")  
  .on("click", function(d) {  
  
  
  
  
  
  
  })
```

## Example

```
body.selectAll("circle")  
  .on("click", function(d) {  
    if(d3.event.shiftKey){  
      ...  
    }  
  })
```

## Example

```
body.selectAll("circle")
  .on("click", function(d) {
    if(d3.event.shiftKey){
      ...
      alert("Saved, " + d.Name)
    }
  })
```



## Example

```
body.selectAll("circle")
  .on("click", function(d) {
    if(d3.event.shiftKey){
      ...
      alert("Saved, " + d.Name)
      this.style.fill = "blue"
    }
  })
```

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