

# Do the Work: Add Mouse Over Handling to Display the Year of a Stripe

In this exercise, you'll add a mouse over event handler to display the year property for a stripe in the console.

Each of our data points in the data array has two properties: `year` and `avg`. The `avg` property is the temperature anomaly for the year, and we're using that to choose a color by converting each `avg` property value into an index for the color array.

The `year` property contains the year associated with each stripe. To display the year in the console when you mouse over a stripe in the page, you need to add an event handler to each rectangle object representing a stripe.

D3 has an `on()` method to do just that. The first argument to `on()` is the type of the event you're handling; for a mouse over event, that is the string `"mouseover"`.

The second argument is the handler function. Just like the functions we pass to `attr()` and `style()`, the first argument of the handler function is the data point we're working on. In the body of the function, you can handle the event; in our case, we simply want to display the year property value of the data point in the console.

See if you can write this code. Add the event handler by chaining the `on()` method call to the end of the current method chain we have to create and style the rectangles.