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Developers

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Products   Google Maps API   Google Maps JavaScript API v3

Data Layer: Dynamic Styling

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JavaScript | JavaScript + HTML

```javascript
var map;
function initialize() {
  map = new google.maps.Map(document.getElementById('map-canvas'), {
    zoom: 4,
    center: {lat: -28, lng: 137.883}
  });

  // Load GeoJSON.
  map.data.loadGeoJson('https://storage.googleapis.com/maps-devrel/google.json');

  // Color each letter gray. Change the color when the isColorful property
  // is set to true.
  map.data.setStyle(function(feature) {
    var color = 'gray';
    if (feature.getProperty('isColorful')) {
      color = feature.getProperty('color');
    }
    return /** @type {google.maps.Data.StyleOptions} */({
      fillColor: color,
      strokeColor: color,
```

```javascript
      strokeWeight: 2
    });
  });

  // When the user clicks, set 'isColorful', changing the color of the letters.
  map.data.addListener('click', function(event) {
    event.feature.setProperty('isColorful', true);
  });

  // When the user hovers, tempt them to click by outlining the letters.
  // Call revertStyle() to remove all overrides. This will use the style rules
  // defined in the function passed to setStyle()
  map.data.addListener('mouseover', function(event) {
    map.data.revertStyle();
    map.data.overrideStyle(event.feature, {strokeWeight: 8});
  });

  map.data.addListener('mouseout', function(event) {
    map.data.revertStyle();
  });
}

google.maps.event.addDomListener(window, 'load', initialize);
```

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