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Lab10 #434

H

Hai Vu

4 months ago in [Labs/Studios](#)

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VIEWS

Hi,

when I tried to run the week 10 tut's code in vega editor it worked fine but when I put it into the vg.json on visual studio it prints "e.map is not a function". How could I fix this ? Thank you

```
{
  "$schema": "https://vega.github.io/schema/vega-lite/v5.json",
  "data": {
    "url": "https://raw.githubusercontent.com/KaneSec/vega_lite/main/6_advanced_examp1",
  },
  "vconcat": [{
    "width": "container",
    "height": 400,
    "title": "Earthquakes above a magnitude of 5 (2000-2021)",
    "projection": {
      "type": "equalEarth",
      "rotate": [-150, 0, 0]
    },
    "layer": [{
      "data": {
        "url": "https://raw.githubusercontent.com/KaneSec/vega_lite/main/2",

        "format": {
          "type": "topojson",
          "feature": "ne_110m_admin_0_countries"
        }
      },
      "mark": {
        "type": "geoshape",
        "fill": "lightgray",
        "stroke": "white"
      }
    }
  ],
  {
    "transform": [{
      "filter": {
        "param": "time_brush"
      }
    }],
    "encoding": {
      "longitude": {
        "field": "longitude",
        "type": "quantitative"
      },
      "latitude": {
        "field": "latitude",
```

```

      "type": "quantitative"
    },
    "color": {
      "field": "mag",
      "type": "quantitative",
      "scale": {
        "type": "threshold",
        "domain": [5.5, 6, 6.5, 7],
        "range": ["#fdbe85", "#fd8d3c", "#e6550d", "#bd0026", "#7f
      }
    },
    "tooltip": [{
      "field": "time",
      "type": "temporal"
    },
    {
      "field": "mag",
      "type": "quantitative"
    },
    {
      "field": "place",
      "type": "nominal"
    }
  ]
},
"layer": [{
  "mark": {
    "type": "circle",
    "opacity": 0.4,
    "size": 15
  }
},
{
  "transform": [{
    "window": [{
      "op": "rank",
      "as": "ranking"
    }],
    "sort": [{
      "field": "mag",
      "order": "descending"
    }]
  },
  {
    "filter": "datum.ranking == 1"
  },
  {
    "calculate": "'The worst earthquake of the selected pe
    "as": "text_annotation"
  }
],
  "mark": {
    "type": "text",
    "align": "left",
    "dx": 4
  },
  "encoding": {

```

```

        "text": {
          "field": "text_annotation"
        }
      }
    ]
  },
  {
    "width": "container",
    "height": 60,
    "mark": "line",
    "title": "Use this line chart to filter out the data based on time",
    "params": [{
      "name": "time_brush",
      "select": {
        "type": "interval",
        "encodings": ["x"]
      }
    }],
    "encoding": {
      "x": {
        "field": "time",
        "timeUnit": "yearmonth",
        "axis": {
          "title": "",
          "format": "%Y"
        }
      },
      "y": {
        "aggregate": "count",
        "axis": {
          "tickCount": 3,
          "grid": false
        },
        "title": "Count"
      }
    }
  },
  {
    {
      "width": "container",
      "transform": [{
        "bin": {
          "step": 0.5,
          "extent": [5, 7]
        },
        "field": "mag",
        "as": "magnitude"
      }],
      "mark": "area",
      "encoding": {
        "x": {
          "field": "time",
          "timeUnit": "yearmonth",
          "scale": {
            "domain": {

```

```
        "param": "time_brush"
      }
    },
    "axis": {
      "title": "",
      "tickCount": 5,
      "grid": false
    }
  },
  "y": {
    "aggregate": "count",
    "title": "Count"
  },
  "color": {
    "field": "magnitude",
    "scale": {
      "range": ["#fdbbe85", "#fd8d3c", "#e6550d", "#bd0026", "#7f0000"]
    }
  },
  "legend": null
}
}
],
"config": {
  "title": {
    "font": "sans-serif",
    "fontSize": 14
  }
}
}
```

1 Answer

K

Kane Li STAFF

4 months ago



Hi Hai,

The problem might be: the plugin in VS Code does not have the latest Vega-Lite compiler.

You might need to use Vega Editor for this part; or use "Open with Liver Server" in VS Code to check the result.

Cheers,

Kane