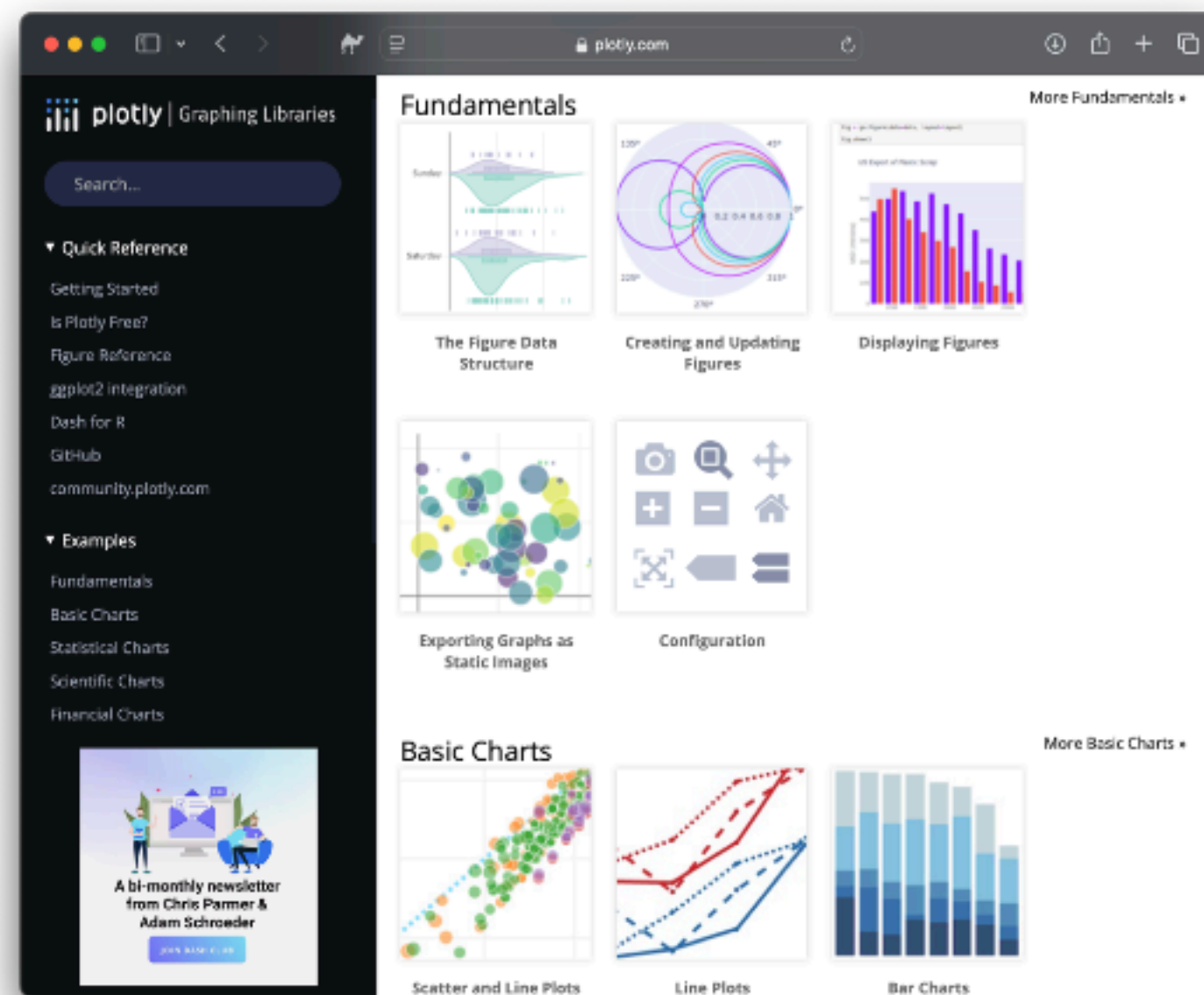
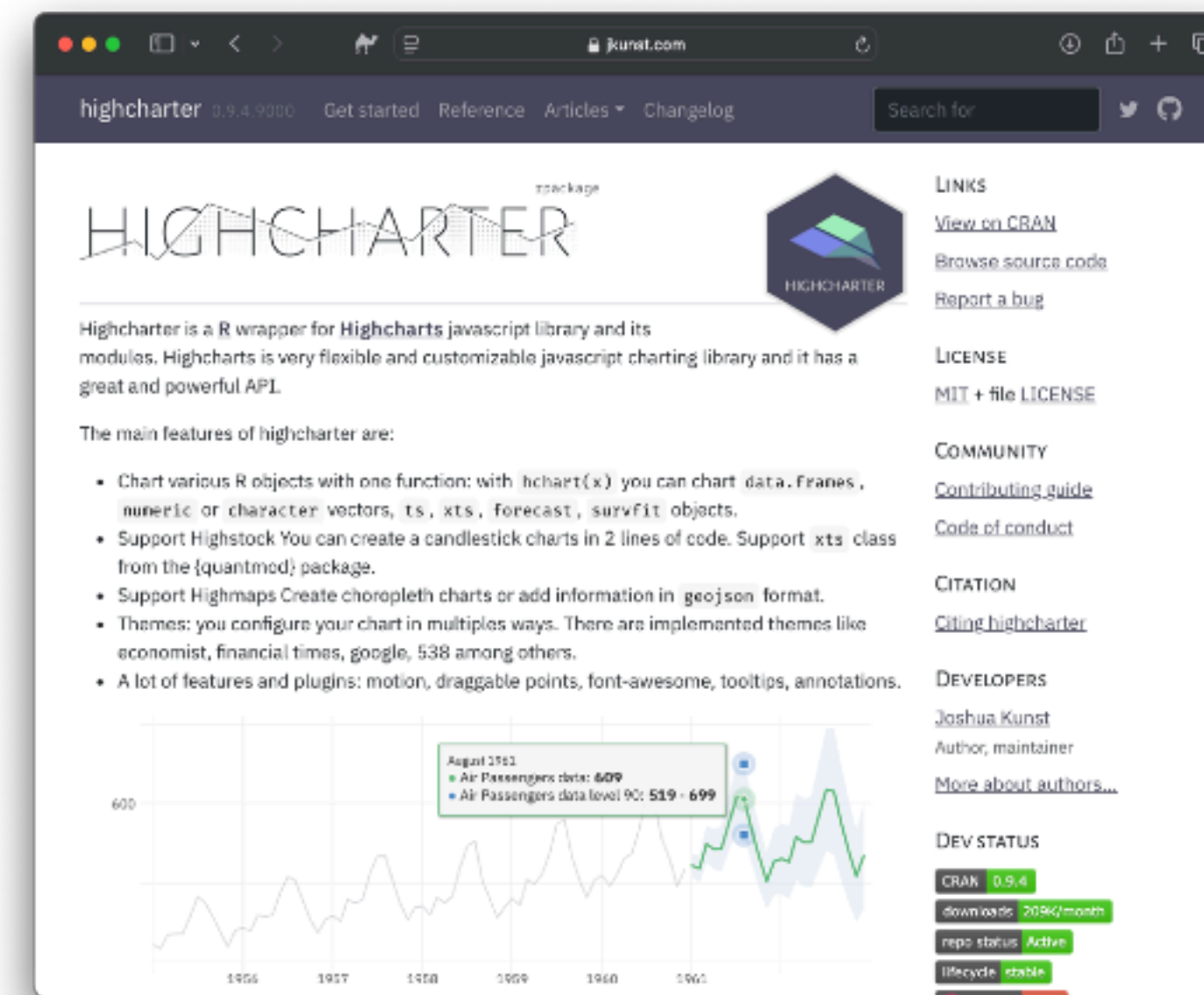


# /motivation

- What are some interactive graphing options?



<https://plotly.com/r/>



<https://jkunst.com/highcharter/>

- What are our challenges?

Handling large data

Visualizing large data

# /demo

## Basic shiny interactivity

Interactivity with Base R

Fundamentals ▾

In Action ▾

Scaling Up ▾

34,513 meteorite landings from 2015-2023  
Source: The Meteoritical Society

```
# UI
plotOutput(
  outputId = "the_plot",
  click = clickOpts(id = "plot_click"),
  dblclick = dblclickOpts(id = "plot_dblclick"),
  hover = hoverOpts(id = "plot_hover"),
  brush = brushOpts(id = "plot_brush"),
)

# Server
output$click_info <- renderPrint({
  str(input$plot_click)
})
```

str(input\$plot\_click)

NULL

str(input\$plot\_dblclick)

NULL

str(input\$plot\_hover)

NULL

str(input\$plot\_brush)

NULL