



# Shiny



```
app.R
1 # Load necessary libraries
2 library(shiny)
3 library(ggplot2)
4 library(ggribes)
5 library(viridis)
6
7 # Load the data, which is included in the ggribes package
8 lincoln_weather <- ggribes::lincoln_weather
9
10 # Define the User Interface (UI)
11 ui <- fluidPage(
12   # Application title
13   titlePanel("Interactive Lincoln, NE 2016 Temperature Ridges"),
14
15   # Sidebar layout for controls
16   sidebarLayout(
17     # Sidebar panel with input controls
18     sidebarPanel(
19       # Input 1: Slider for controlling the scale (overlap) of the ridges
20       sliderInput(
21         inputId = "scale",
22         label = "Ridge Scale (Overlap):",
23         min = 1,
24         max = 5,
25         value = 3,
26         step = 0.5,
27         # Helper text for the user
28         animate = animationOptions(interval = 400)
29       )
30     )
31   )
32 )
```

```
lincoln-weather.R app.R
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