



Using purrr in your workflow



Checking for names



Setting names while asking questions





Let's purrr-actice!





Even more complex problems



What if the values you want are buried?

```
library(repurrrsive)
data(gh repos)
forks <- gh repos %>%
 map( ~map(.x, "forks"))
forks
[[1]]
[[1]][[1]]
[1] 0
[[1]][[2]]
[1] 1
[[1]][[3]]
[1] 0
[[1]][[4]]
[1] 0
```



Summary stats in purrr



Summary stats

```
bird_measurements %>%
   map_df(~ data_frame(
   weight = .x[["weight"]],
   wing_length = .x[["wing length"]],
   taxa = "bird")) %>%
      select_if(is.numeric) %>%
      summary(.x)
$weight
```

```
Min. 1st Qu. Median
7.00 59.12 86.45

Mean 3rd Qu. Max.
69.97 97.30 100.00

$wing_length
Min. 1st Qu. Median
12.00 29.25 55.00

Mean 3rd Qu. Max.
63.00 88.75 130.00
```





Let's purrr-actice!

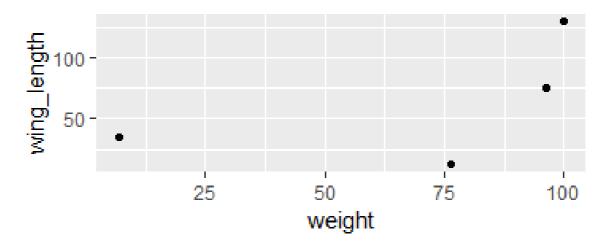




Graphs in purrr

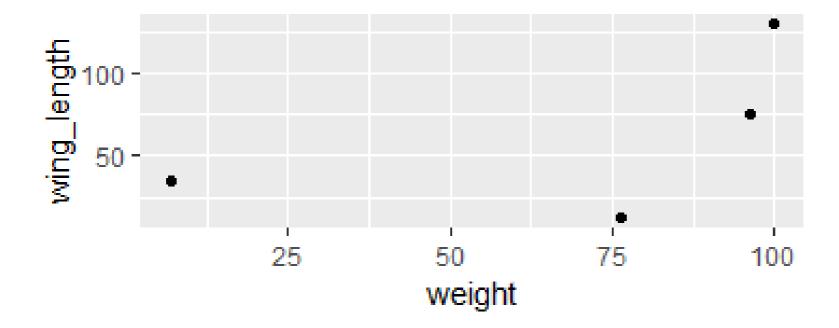
ggplot() refresher

- ggplot() requires dataframe input
- Always start with ggplot()
- Add layers using +.
- geom *() shows graph type





Graphing and purrr







Let's purrr-actice!



Congratulations!



Next steps







purrrfectly done!