

DRAWING A CIRCLE

- Always subclass an existing class
- Piggyback as much as possible

```
# Create a Stat subclass
StatCirc ← ggproto('StatCirc', Stat,
  setup_data = function(data, params) {
    if (data$group[1] == -1) {
      nrows ← nrow(data)
      data$group ← seq_len(nrows)
    }
    data
  },
  compute_group = function(data, scales,
                           n = 360) {
    create_circle(data, n)
  },
  required_aes = c('x0', 'y0', 'r')
)
```


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Class construction

```
# Create a Stat subclass
StatCirc ← ggproto('StatCirc', Stat,
  setup_data = function(data, params) {
    if (data$group[1] == -1) {
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