

DRAWING A CIRCLE

Class construction

```
# 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')
)
```


DRAWING A CIRCLE

Data preparation

```
# 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')
)
```