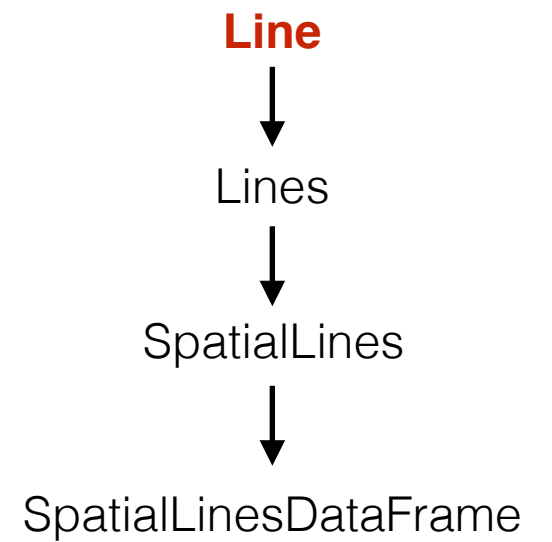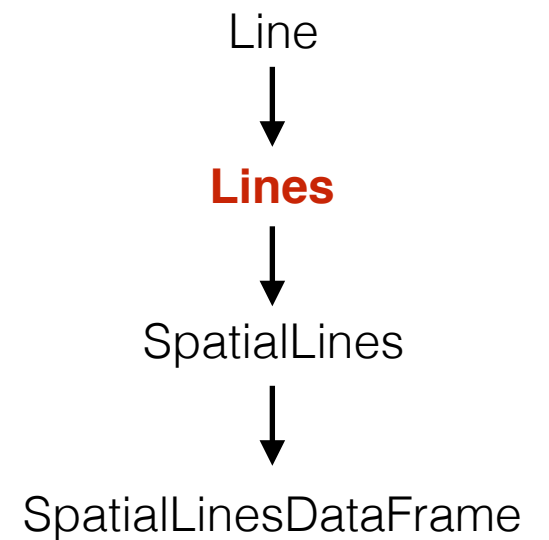# Line Objects

Line → Lines → SpatialLines → SpatialLinesDataFrame

```r
c1 <- cbind(coords$Longitude[1:2], coords$Latitude[1:2])
c2 <- cbind(coords$Longitude[2:3], coords$Latitude[2:3])
L1 <- Line(c1)
L2 <- Line(c2)
L1
```

```
## An object of class "Line"
## Slot "coords":
##           [,1]     [,2]
## [1,] -114.2935 29.32541
## [2,] -113.9449 29.01457
```

Line Objects

Line
↓
Lines
↓
SpatialLines
↓
SpatialLinesDataFrame

```
Ls1 <- Lines( list(L1), ID="88 to 9")
Ls2 <- Lines( list(L2), ID="9 to 84")
Ls1
```

```
## An object of class "Lines"
## Slot "Lines":
## [[1]]
## An object of class "Line"
## Slot "coords":
##              [,1]      [,2]
## [1,] -114.2935 29.32541
## [2,] -113.9449 29.01457
## Slot "ID":
## [1] "88 to 9"
```