

OOP_Introduction

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Introduction

OOP systems

```
diamonds <- ggplot2::diamonds  
  
summary(diamonds$carat)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.  
## 0.2000  0.4000  0.7000  0.7979  1.0400  5.0100
```

```
summary(diamonds$cut)
```

```
##      Fair      Good Very Good   Premium     Ideal  
##      1610     4906     12082     13791     21551
```

OOP in R

```
library(sloop)
```

```
otype(1:10)
```

```
## [1] "base"
```

```
otype(mtcars)
```

```
## [1] "S3"
```

```
mle_obj <- stats4::mle(function(x = 1) (x - 2) ^ 2)  
otype(mle_obj)
```

```
## [1] "S4"
```