

Data Output

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DPUT or DUMP give output with meta data in text format which is more useful than the others :-

1. write.table
2. writeLines
3. save
4. serialize

Meta data helps when retrieving data from the file and helps avoid loss of data.

DPUT

```
y <- data.frame(a = 1 , b = "a")
dput(y,file="y.R")

new.y <- dget("y.R")
new.y
```

```
##    a b
## 1 1 a
```

O/P of dput (including meta data)

```
Structure( list( a = 1,
                  b = structure(1L, .Label = "a",
                                class = "factor")
                ),
  class = "data.frame", row.names = c(NA, -1L)
)
```

DGET can only be used on one R object.

DUMP

Dump can be used on multiple R objects

```
x <- "foo"
y <- data.frame(a = 1 , b = "a")
dump(c("x","y"),file = "data.R")
rm(x,y)                                #Removing x and y will work without this.
source("data.R")
y
```

```
##    a b
## 1 1 a
```

```
x
```

```
## [1] "foo"
```