

First Org-file

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1 My first Org-mode file

This Org-mode file prints the structure of the data frame `mtcars` and creates a source code file `first.R` that can be executed on the command line.

```
## print structure of mtcars data frame
str(mtcars)
```

```
'data.frame':  32 obs. of  11 variables:
 $ mpg : num  21 21 22.8 21.4 18.7 18.1 14.3 24.4 22.8 19.2 ...
 $ cyl : num   6  6  4  6  8  6  8  4  4  6 ...
 $ disp: num  160 160 108 258 360 ...
 $ hp  : num  110 110  93 110 175 105 245  62  95 123 ...
 $ drat: num   3.9  3.9  3.85 3.08 3.15 2.76 3.21 3.69 3.92 3.92 ...
 $ wt  : num   2.62 2.88 2.32 3.21 3.44 ...
 $ qsec: num   16.5 17 18.6 19.4 17 ...
 $ vs  : num    0  0  1  1  0  1  0  1  1  1 ...
 $ am  : num    1  1  1  0  0  0  0  0  0  0 ...
 $ gear: num    4  4  4  3  3  3  3  4  4  4 ...
 $ carb: num    4  4  1  1  2  1  4  2  2  4 ...
```

The figure 1 shows the tangled file.

```
## My first Org-mode file

## This Org-mode file prints the structure of the data frame ~mtcars~
## and creates a source code file ~first.R~ that can be executed on
## the command line.

## #+name: str_mtcars

## [[file:first.org::str_mtcars][str_mtcars]]
## print structure of mtcars data frame
str(mtcars)
## str_mtcars ends here
```

Figure 1: first.R screenshot

2 References

mtcars: Motor Trend Car Road Tests. [URL: rdocumentation.org](https://rdrr.io/rdocumentation.org).

R Core Team (2021). R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. [URL: r-project.org](https://r-project.org).

str: Compactly Display the Structure of an Arbitrary R Object. [URL: rdocumentation.org](https://rdrr.io/rdocumentation.org).

N.a. (n.d.). The Org Manual: 16 Working with Source Code [website]. [URL: orgmode.org](https://orgmode.org).

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[Validate](#)