

Examples for the orgutils package

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1 toOrg

toOrg is a generic function in the spirit of toLatex: it transforms R objects into Org snippets. This is most useful for data frames:

```
> df <- data.frame(numbers = 1:5, row.names = LETTERS[1:5])  
> df
```

	numbers
A	1
B	2
C	3
D	4
E	5

And transformed into Org markup:

```
> require("orgutils")  
> toOrg(df)
```

row.names	numbers
A	1
B	2
C	3
D	4
E	5

Since Org tables are very human-readable, such a display is also useful for plain-text emails or reports.

There are also toOrg methods for dates (class Date) and times (classes POSIXct and POSIXlt).

```
> toOrg(Sys.Date())
```

```
<2025-07-29 Tue>
```

```
> toOrg(Sys.time())
```

```
<2025-07-29 Tue 17:42:39>
```

```
> toOrg(Sys.time(), inactive = TRUE)
```

```
[2025-07-29 Tue 17:42:39]
```

2 readOrg

Suppose you have the following Org file:

```
#+TITLE: My table file
```

There is text.

```
#+name: table1
```

A	B	C
1	2	3
4	5	6

And more text.

```
#+name: table2
```

D	E	F
1	2	3
4	5	X

And more text.

```
#+name: table3
```

G	H	I
5	7	9
6	8	0

And more text.

To read the second table, say, use `readOrg` and specify the `table.name` argument.

```
> readOrg(filename, table.name = "table2")
```

D	E	F	
1	1	2	3
2	4	5	X

```
> toLatex(sessionInfo())
```

- R version 4.5.1 (2025-06-13), x86_64-pc-linux-gnu
- Locale: LC_CTYPE=en_US.UTF-8, LC_NUMERIC=C, LC_TIME=en_US.UTF-8, LC_COLLATE=C, LC_MONETARY=en_US.UTF-8, LC_MESSAGES=en_US.UTF-8, LC_PAPER=en_US.UTF-8, LC_NAME=C, LC_ADDRESS=C, LC_TELEPHONE=C, LC_MEASUREMENT=en_US.UTF-8, LC_IDENTIFICATION=C
- Time zone: Europe/Zurich
- TZcode source: system (glibc)
- Running under: Ubuntu 24.10
- Matrix products: default

- BLAS: `/usr/lib/x86_64-linux-gnu/atlas/libblas.so.3.10.3`
- LAPACK: `/usr/lib/x86_64-linux-gnu/openblas-pthread/liblapack.so.3` ;
LAPACK version 3.12.0
- Base packages: `base`, `datasets`, `grDevices`, `graphics`, `methods`, `stats`, `utils`
- Other packages: `orgutils` 0.5-1
- Loaded via a namespace (and not attached): `compiler` 4.5.1, `tools` 4.5.1