

A brief introduction to R data.table package



If thoR was an R programmer,
his hammer would be data.table

data.table

(i, by)



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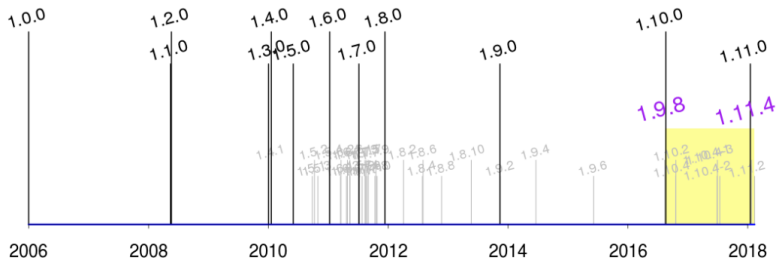
 @mxochicale  @mxochicale

Outline

- What is `data.table[]`?
- Why to bother to use `data.table[]`?
- Basic Examples with `data.table[]`
-
- Analysing Time Series with `ggplot()` and `data.table()`
- References

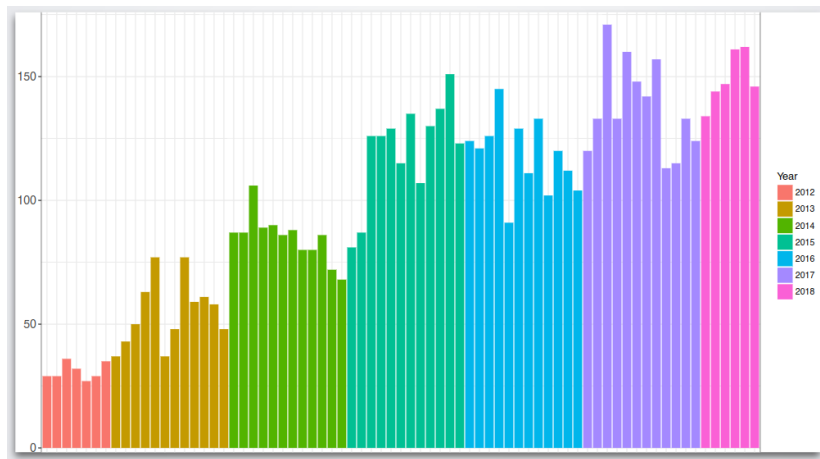
the `data.table` R package is 12 years old

`data.table` development timeline:

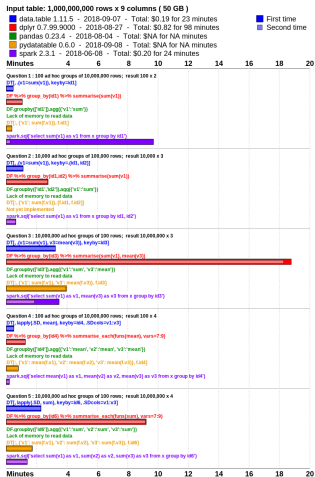


What's new in `data.table`, (Jan Gorecki, 2018.07)

StackOverflow Questions from 2012-2018



Grouping benchmarks (2018)



data.table benchmark

In the hacker spirit

This presentation was built in Ubuntu 14.04 x64 with Markdown and Pandoc, and is available at:

- <https://github.com/mxochicale/thw-r-datatable>

Please see `README.md` for further information

Code example

```
puts "Hello world."  
def my_awesome_variable  
  puts "My awesome variable"  
end
```

Slide with R Code and Output

```
summary(cars)
```


Slide with text and footnote

Surely this is true.¹

¹Jane Doe, *Says It Here* (New York: Oxford University Press, 2050).

References

- <https://github.com/Rdatatable/data.table/wiki>
- <https://github.com/arunsrinivasan/user2017-data.table-tutorial>
- <https://www.datacamp.com/courses/data-table-data-manipulation-r-tutorial>
- <https://www.datacamp.com/community/tutorials/data-table-cheat-sheet>
- <https://h2oai.github.io/db-benchmark/>