


```
2 + 2 + 2
lm(y ~ x1 + x2)
"a character string with \t in it"
1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +
  1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1
```

2 Applications

This package has been used in a few other R packages. For example, **Rd2roxygen** (Wickham and Xie, 2011) uses **formatR** to reformat the code in the usage and examples sections in Rd files, since the code generated by **roxygen2** is not well-formatted; **pgfSweave** (Bracken and Sharpsteen, 2011) can tidy the Sweave code chunks when the Sweave option `tidy` is `TRUE` (just like the code in this vignette).

About this vignette

You might be curious about how this vignette was generated, because it looks different from other Sweave-based vignettes. The answer is **pgfSweave** (Bracken and Sharpsteen, 2011). The real vignette is in L^AT_EX, which can be found here:

```
> system.file("doc", "formatR.lyx", package = "formatR")
```

Read this blog entry for details and how to reproduce the vignette: <http://yihui.name/en/?p=602>.

References

- Bracken C, Sharpsteen C (2011). *pgfSweave: Quality speedy graphics compilation with Sweave*. R package version 1.2.1, URL <http://CRAN.R-project.org/package=pgfSweave>.
- Wickham H, Xie Y (2011). *Rd2roxygen: Convert Rd to roxygen documentation*. R package version 1.0-7, URL <https://github.com/yihui/Rd2roxygen>.
- Xie Y (2011). *formatR: Format R Code Automatically*. R package version 0.3-2, URL <http://CRAN.R-project.org/package=formatR>.