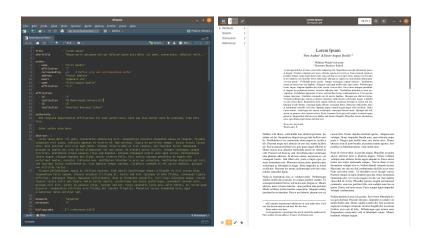
Reproducible Science with "papaja" (R) (Preparing APA Journal Articles) by Frederik Aust

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August 8, 2019

From R to Z in one click

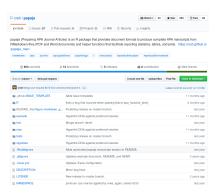


What you will need

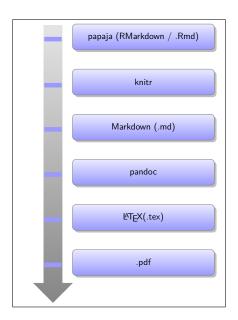
- ► LETEX / MikTex / MacText
- ► R / RStudio
- lots of Packages that come with RStudio automatically (markdown / knitr / pandoc)
- papaja
- frustration tolerance (as with all programming languages)

How to install papaja

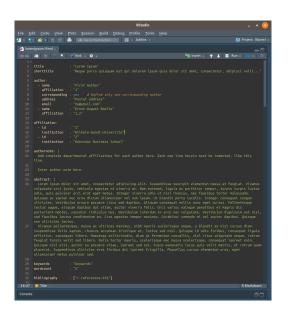
install.packages("devtools")
devtools::install_github("crsh/papaja") #it's not on CRAN



Internal Workflow



Lets see it in action



How to get what you want

- try it with regular RMarkdown
- ▶ if that does not work, try it with LATEX
- header-includes
- \interfootnotelinepenalty=10000
- \usepackage{setspace}

Try to get creative with the parsing flow from earlier: e.g. names of a table column:

```
"$\\text{CR}_{400}$" #or
"$\\Delta$-C" #or
"\\emph{$\\beta$}"
```

Where to get help

- Example -> see git folder
- ► Most of the stuff you will solve with RMarkdown -> See Markdown Documentation
- ► For some you might have to use LATEX
- know your escape(-symbols)
- ► "Reverse engineer": Think of what you would like in the LETEX file and go backwards from there (find out how to parse it through markdown and pandoc)
- GitHub: https://github.com/crsh/papaja
- your favourite search engine

And last but not least

Heycke, T., & Stahl, C. (2018). No Evaluative Conditioning Effects with Briefly Presented Stimuli. *PsyArXiv*. https://doi.org/10.17605/osf.lo/ujq4g (R Markdown and data files; https://osf.lo/3dn7e/)

Heycke, T., Aust, F., & Stahl, C. (2017). Subliminal influence on preferences? A test of evaluative conditioning for brief visual conditioned stimuli using auditory unconditioned stimuli. Royal Society Open Science, 4(9), 160935. https://doi.org/10.1098/rsos.160935

Heycke, T., Gehrmann, S., Haaf, J. M., & Stahl, C. (2018). Of two minds or one? A registered replication of Rydell et al. (2006). Cognition and Emotion, 0(0), 1–20. https://doi.org/10.1080/02699931.2018.1429389 (R Markdown and data files: https://osf.io/c57st/)

Heyman, T., & Heyman, G. (2018). Can prediction-based distributional semantic models predict typicality? *PsyArXiv*. https://doi.org/10.17605/osf.io/59xtd (R Markdown and data files: https://osf.io/nkfjy/)

Jordan, K., Buchanan, E., & Padfield, W. (2018). Focus on the Target: The Role of Attentional Focus in Decisions about War. PsyArXiv. https://doi.org/10.17605/osf.io/9fgu8 (R Markdown and data files: https://osf.lo/r8qp2/)

Lakens, D., Scheel, A. M., & Isager, P. M. (2018). Equivalence Testing for Psychological Research: A Tutorial. Advances in Methods and Practices in Psychological Science, 1(2), 259–269. https://doi.org/10.1177/2515245918770963 (R Markdown and data filles: https://ost.lo/qamc6i)

Maxwell, N., & Buchanan, E. (2018a). Investigating the Interaction between Associative, Semantic, and Thematic Database Norms for Memory Judgments and Retrieval. *PsyArXiv*. https://doi.org/10.17605/osf.lo/fcesn (R Markdown and data files: https://osf.lo/eh7v/)

Maxwell, N., & Buchanan, E. (2018b). Modeling Memory: Exploring the Relationship Between Word Overlap and Single Word Norms when Predicting Relatedness Judgments and Retrieval. *PsyArXiv*. https://doi.org/10.17605/osf.lo/qekad (R Markdown and data files: https://osf.lo/7qto/)

McHupt, C., McGann, M., Igou, E. R., & Kinsella, E. L. (2017). Searching for Moral Dumbfounding: Identifying Measurable Indicators of Moral Dumbfounding. *Collabra: Psychology*, 3(1). https://doi.org/10.1525/collabra.79 (R Markdown and data files: https://ost.lowm6vc/)