Surprising html, pdf, and docx rendering behavior with R gt table objects

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## 1 Environment

* Windows 10 x64 (build 22598)
* R version 4.1.3 (2022-03-10)
* RStudio-2022.06.0-daily-310.exe
* quarto-0.9.282-win.msi
* gt \* 0.4.0 2022-02-15 [1] CRAN (R 4.1.2)

## 2 SHOW gt object but do not save

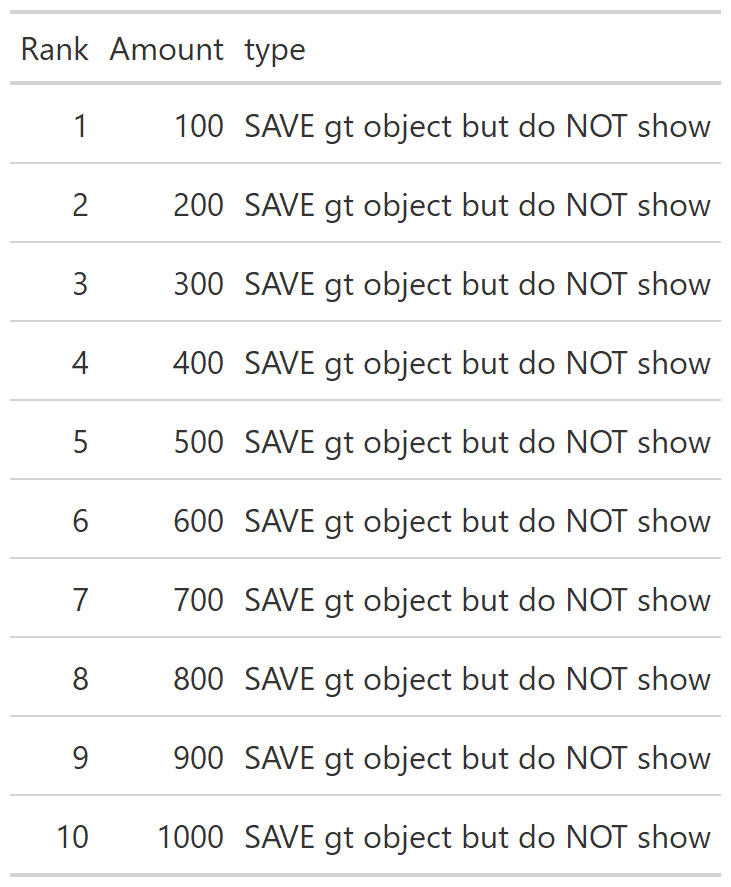
* as html, text and table render
* as pdf, text and table render
* as docx, text renders but table does NOT render(!)

tab <- df %>%   
 mutate(type="SHOW gt object but do NOT save") %>%  
 gt() %>%   
 cols\_label(rank="Rank", money="Amount")  
  
tab

## 3 SAVE gt object but do NOT show

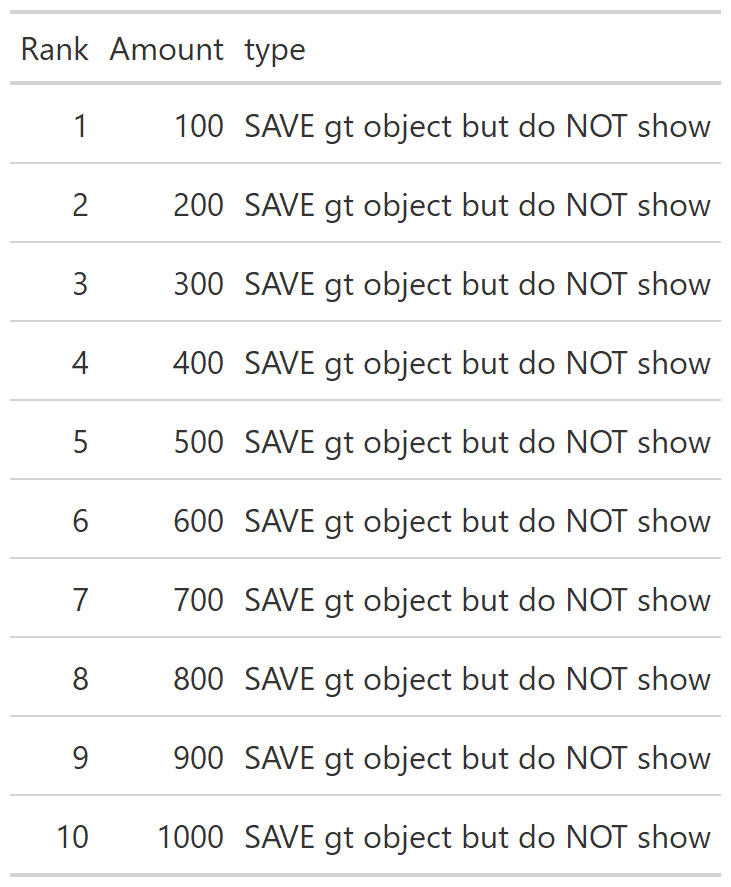
* as html, text renders, and table object renders (!), differently, as if retrieved from file
* as pdf, same as html
* as docx, same as html

tab <- df %>%   
 mutate(type="SAVE gt object but do NOT show") %>%  
 gt() %>%   
 cols\_label(rank="Rank", money="Amount")  
  
gtsave(tab, "tab.png")



## 4 Retrieve and SHOW previously saved gt object

* as html, table object renders, but differently than when created and shown
* as pdf, same as html
* as docx, same as html



## 5 Sessioninfo

sessionInfo()

R version 4.1.3 (2022-03-10)  
Platform: x86\_64-w64-mingw32/x64 (64-bit)  
Running under: Windows 10 x64 (build 22598)  
  
Matrix products: default  
  
locale:  
[1] LC\_COLLATE=English\_United States.1252   
[2] LC\_CTYPE=English\_United States.1252   
[3] LC\_MONETARY=English\_United States.1252  
[4] LC\_NUMERIC=C   
[5] LC\_TIME=English\_United States.1252   
  
attached base packages:  
[1] stats graphics grDevices utils datasets methods base   
  
other attached packages:  
 [1] gt\_0.4.0 forcats\_0.5.1 stringr\_1.4.0 dplyr\_1.0.8   
 [5] purrr\_0.3.4 readr\_2.1.2 tidyr\_1.2.0 tibble\_3.1.6   
 [9] ggplot2\_3.3.5 tidyverse\_1.3.1  
  
loaded via a namespace (and not attached):  
 [1] tidyselect\_1.1.2 xfun\_0.30 haven\_2.5.0 colorspace\_2.0-3  
 [5] vctrs\_0.4.1 generics\_0.1.2 htmltools\_0.5.2 yaml\_2.3.5   
 [9] utf8\_1.2.2 rlang\_1.0.2 pillar\_1.7.0 glue\_1.6.2   
[13] withr\_2.5.0 DBI\_1.1.2 dbplyr\_2.1.1 modelr\_0.1.8   
[17] readxl\_1.4.0 lifecycle\_1.0.1 munsell\_0.5.0 gtable\_0.3.0   
[21] cellranger\_1.1.0 rvest\_1.0.2 evaluate\_0.15 knitr\_1.38.3   
[25] callr\_3.7.0 tzdb\_0.3.0 fastmap\_1.1.0 ps\_1.6.0   
[29] fansi\_1.0.3 broom\_0.8.0 checkmate\_2.0.0 backports\_1.4.1   
[33] scales\_1.2.0 webshot\_0.5.3 jsonlite\_1.8.0 fs\_1.5.2   
[37] hms\_1.1.1 digest\_0.6.29 stringi\_1.7.6 processx\_3.5.3   
[41] grid\_4.1.3 cli\_3.2.0 tools\_4.1.3 sass\_0.4.1   
[45] magrittr\_2.0.3 crayon\_1.5.1 pkgconfig\_2.0.3 ellipsis\_0.3.2   
[49] xml2\_1.3.3 reprex\_2.0.1 lubridate\_1.8.0 assertthat\_0.2.1  
[53] rmarkdown\_2.13 httr\_1.4.2 rstudioapi\_0.13 R6\_2.5.1   
[57] compiler\_4.1.3