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| --- |
| library(tidyverse) |
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| library(rayshader) |
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| #library(viridis) |
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| ggplot(faithfuld, aes(waiting, eruptions)) + |
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| geom\_raster(aes(fill = density)) + |
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| --- |
| ggtitle("3D Plotting in R from 2D\_ggplot\_graphics") + |
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| labs(caption = "Package: rayshader") + |
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| --- |
| theme(axis.text = element\_text(size = 12), |
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| --- |
| title = element\_text(size = 12,face="bold"), |
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| --- |
| panel.border= element\_rect(size=2,color="black",fill=NA)) -> faithful\_dd |
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| --- |
| plot\_gg(faithful\_dd, multicore = TRUE, width = 8, height = 8, scale = 300, |
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| zoom = 0.6, phi = 60, |
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| --- |
| background = "#afceff",shadowcolor = "#3a4f70") |
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| --- |
| render\_movie("faithful\_3d.mp4", frames = 480) |
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| R version 3.5.1 (2018-07-02) |
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| Platform: x86\_64-apple-darwin15.6.0 (64-bit) |
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| Running under: macOS 10.14.4 |
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| Matrix products: default |
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| BLAS: /System/Library/Frameworks/Accelerate.framework/Versions/A/Frameworks/vecLib.framework/Versions/A/libBLAS.dylib |
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| --- |
| LAPACK: /Library/Frameworks/R.framework/Versions/3.5/Resources/lib/libRlapack.dylib |
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| locale: |
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| [1] en\_US.UTF-8/en\_US.UTF-8/en\_US.UTF-8/C/en\_US.UTF-8/en\_US.UTF-8 |
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| attached base packages: |
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| [1] stats graphics grDevices utils datasets |
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| [6] methods base |
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| other attached packages: |
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| --- |
| [1] viridis\_0.5.1 viridisLite\_0.3.0 |
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| --- |
| [3] rayshader\_0.11.0 forcats\_0.3.0 |
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| [5] stringr\_1.4.0 dplyr\_0.8.0.1 |
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| [7] purrr\_0.3.2 readr\_1.3.1 |
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| [9] tidyr\_0.8.3 tibble\_2.1.1 |
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| [11] ggplot2\_3.1.1 tidyverse\_1.2.1 |
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| loaded via a namespace (and not attached): |
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| [1] httr\_1.4.0 jsonlite\_1.6 |
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| --- |
| [3] foreach\_1.4.4 modelr\_0.1.2 |
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| [5] shiny\_1.3.2 assertthat\_0.2.1 |
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| [7] sp\_1.3-1 cellranger\_1.1.0 |
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| [9] tiff\_0.1-5 progress\_1.2.0 |
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| [11] pillar\_1.4.0 backports\_1.1.4 |
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| [13] lattice\_0.20-38 glue\_1.3.1 |
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| [15] digest\_0.6.18 manipulateWidget\_0.10.0 |
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| [17] promises\_1.0.1 rvest\_0.3.3 |
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| [19] colorspace\_1.3-2 readbitmap\_0.1.5 |
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| [21] htmltools\_0.3.6 httpuv\_1.5.1 |
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| [23] plyr\_1.8.4 pkgconfig\_2.0.2 |
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| [25] broom\_0.5.0 raster\_2.8-19 |
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| [27] haven\_1.1.2 xtable\_1.8-4 |
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| [29] scales\_1.0.0 webshot\_0.5.1 |
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| [31] jpeg\_0.1-8 later\_0.8.0 |
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| [33] withr\_2.1.2 lazyeval\_0.2.2 |
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| [35] cli\_1.1.0 magrittr\_1.5 |
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| [37] crayon\_1.3.4 readxl\_1.1.0 |
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| [39] mime\_0.6 fansi\_0.4.0 |
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| [41] doParallel\_1.0.14 nlme\_3.1-137 |
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| [43] imager\_0.41.2 xml2\_1.2.0 |
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| [45] av\_0.2 tools\_3.5.1 |
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| [47] prettyunits\_1.0.2 hms\_0.4.2 |
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| [49] bmp\_0.3 munsell\_0.5.0 |
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| [51] compiler\_3.5.1 rlang\_0.3.4.9003 |
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| [53] grid\_3.5.1 iterators\_1.0.10 |
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| [55] rstudioapi\_0.9.0 htmlwidgets\_1.3 |
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| [57] crosstalk\_1.0.0 igraph\_1.2.4.1 |
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| [59] miniUI\_0.1.1.1 labeling\_0.3 |
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| [61] gtable\_0.3.0 codetools\_0.2-15 |
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| [63] R6\_2.4.0 gridExtra\_2.3 |
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| [65] lubridate\_1.7.4 knitr\_1.22 |
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| [67] utf8\_1.1.4 zeallot\_0.1.0 |
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| [69] stringi\_1.4.3 parallel\_3.5.1 |
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| [71] Rcpp\_1.0.1 vctrs\_0.1.0 |
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| [73] png\_0.1-7 rgl\_0.100.19 |
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[75] tidyselect\_0.2.5 xfun\_0.6