Reproducible Document Stack

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Slides DOI: <u>10.6084/m9.figshare.7076822</u>

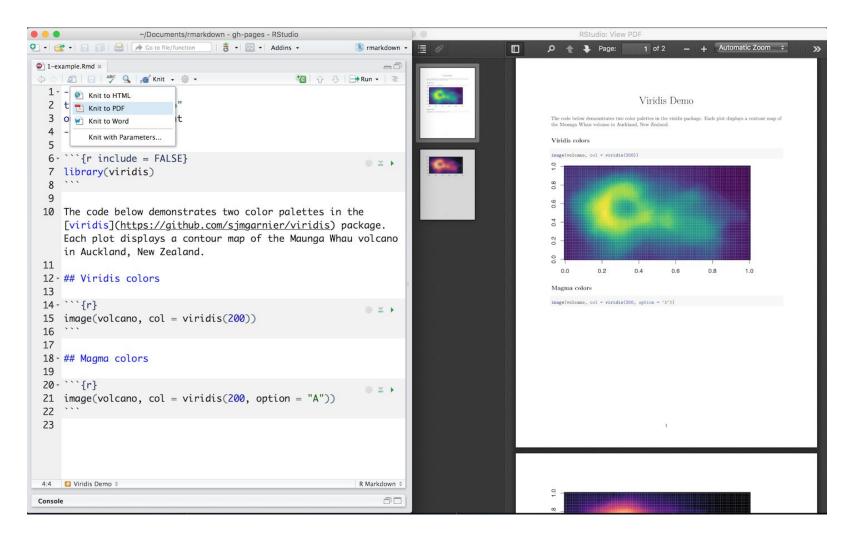


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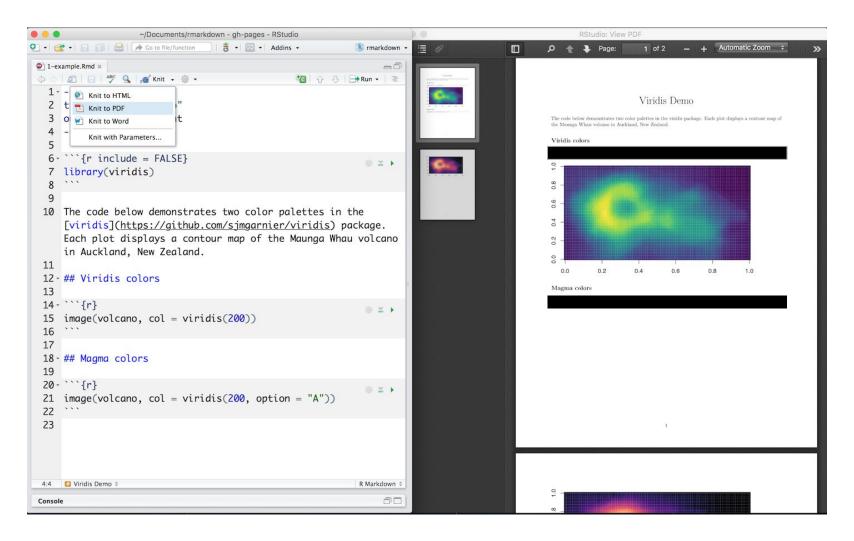
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I've written my whole manuscript in R Markdown. Future me will love today's me!



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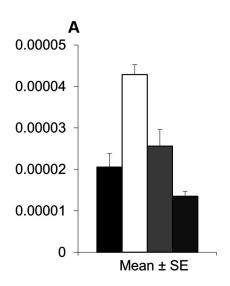


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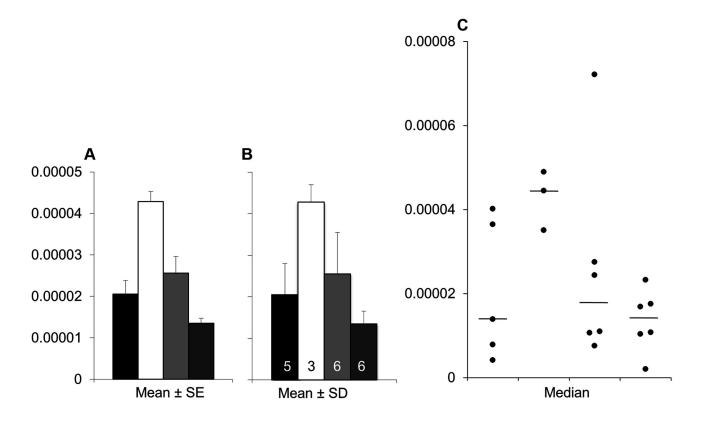
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LIKELIHOOD YOU WILL GET CODE WORKING BASED ON HOU YOU'RE SUPPOSED TO INSTALL IT:





Publish reproducible articles











Publish reproducible articles









- XML-based for scholarly publishing
- Avoid fragmentation, maintain clarity: dataset X script Y—> result Z
- Play first in the browser before committing to local use
- Connect Excel clickers with iPython notebook coders



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Recent progress

- Stencila have improved support for R and Python code in reproducible articles and R Markdown and Jupyter converters
- Substance have built the first reader interface; eLife are conducting user tests now



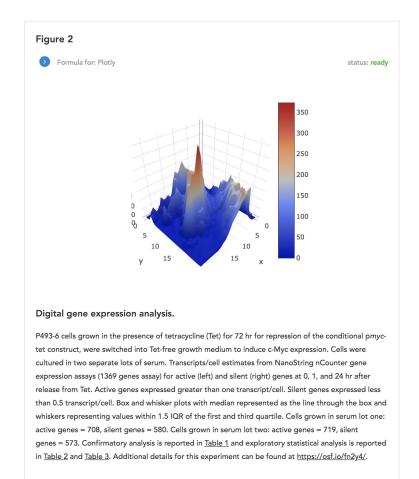
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Recent progress

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- Substance have built the first reader interface; eLife are conducting user tests now
- The first reproducible article is being prepared (see https://github.com/stencila/exam-ples/tree/master/elife-30274)





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