Bookdown test

subtitle goes here

Jack Dougherty

and contributors

2019-07-13

# About the book

This is a test book

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**How to cite**: insert here

All text and code for this book is available on [GitHub](https://github.com/jackdougherty/bookdown-test). This work is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.

# Chapter 1 with interactive media tests

Testing…

#### Display interactive content in HTML with screenshot in PDF

* First, define a text reference for each caption, because it accepts RMarkdown cites and links. See [Bookdown section 2.2.4](https://bookdown.org/yihui/bookdown/markdown-extensions-by-bookdown.html)
* Second, insert the figure with an R code chunk <https://bookdown.org/yihui/bookdown/r-code.html>, using the if-then-else statement from Michael Dorman, to display interactive version in HTML and static version in PDF.
* Optional: In the body text, insert a dynamic reference to the figure in the same file (which due to floating images in PDF engines, may appear on a different page), like this: … as shown in Figure 1.

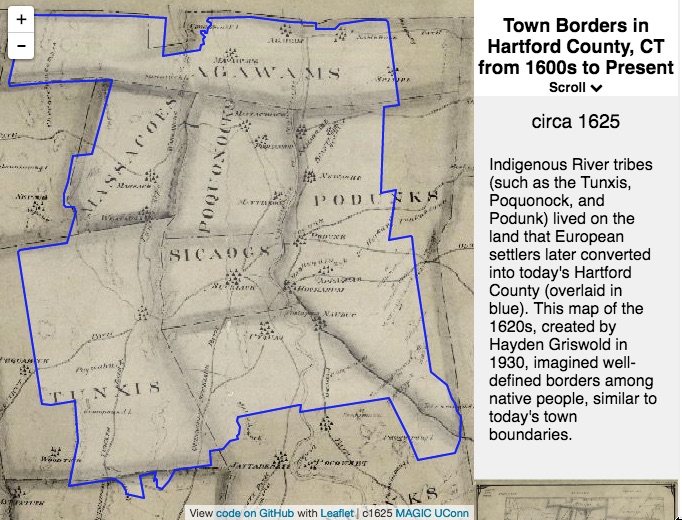


Figure 1: Scroll down the narrative (or click and use arrow keys) in this [interactive map](https://ontheline.github.io/otl-town-borders/) to see how Hartford County, Connecticut was divided into 29 separate towns from the early 1600s to the late 1800s. Boundaries shown here are not exact, but approximated from the best available digital sources: UConn Libraries MAGIC historical maps, Atlas of Historical County Boundaries at Newberry Library, and the Connecticut State Register and Manual. View [map historical sources, known issues, and the code](https://github.com/ontheline/otl-town-borders/), developed by Ilya Ilyankou and Jack Dougherty.[[1]](#footnote-29)

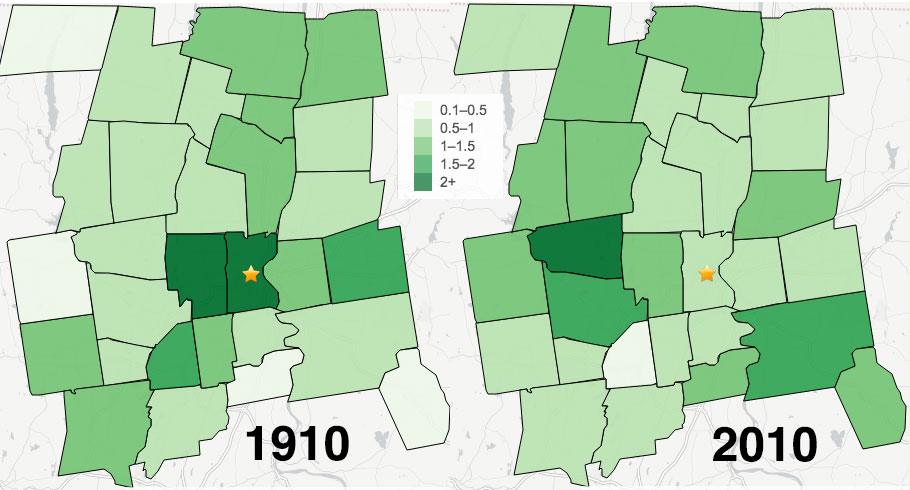


Figure 2: Here’s a sample caption for a second type of interactive map

UPDATED Unanswered questions:

1. What’s the best way to control the image size in PDF output?

* fig.height=9 (default is 7)
* fig\_height=9 (I tried both of these versions)
* out.height=“600px”
* out.height=“150%”

1. Is auto.pdf=TRUE necessary? How about out.width="100%"?
2. What’s the best way to insert an imperative title in interactive maps, charts, scrolling PDFs? (Example: Scroll the Map).

* Cannot insert a title in R chunk to appear immediately above the map, which I tried
* Consider adding HTML title directly above digital element in GitHub repo, but separate from bookdown
* Consider adding bold title at beginning of caption: **Image 3.3 Scroll the Map**.

1. To do later: modify style.css p.caption for PDF to make underscored links visible in captions, to allow easy click to HTML version

TESTING VIDEO IN BOOKDOWN:



Figure 3: Here’s a sample Vimeo caption, with option to add Markdown link and footnote.



Figure 4: Here’s a sample YouTube caption, with option to add Markdown link and footnote.



Figure 5: Here’s a sample CTDA video caption, with option to add Markdown link and footnote.



Figure 6: Here’s a sample Kaltura video caption, with option to add Markdown link and footnote.

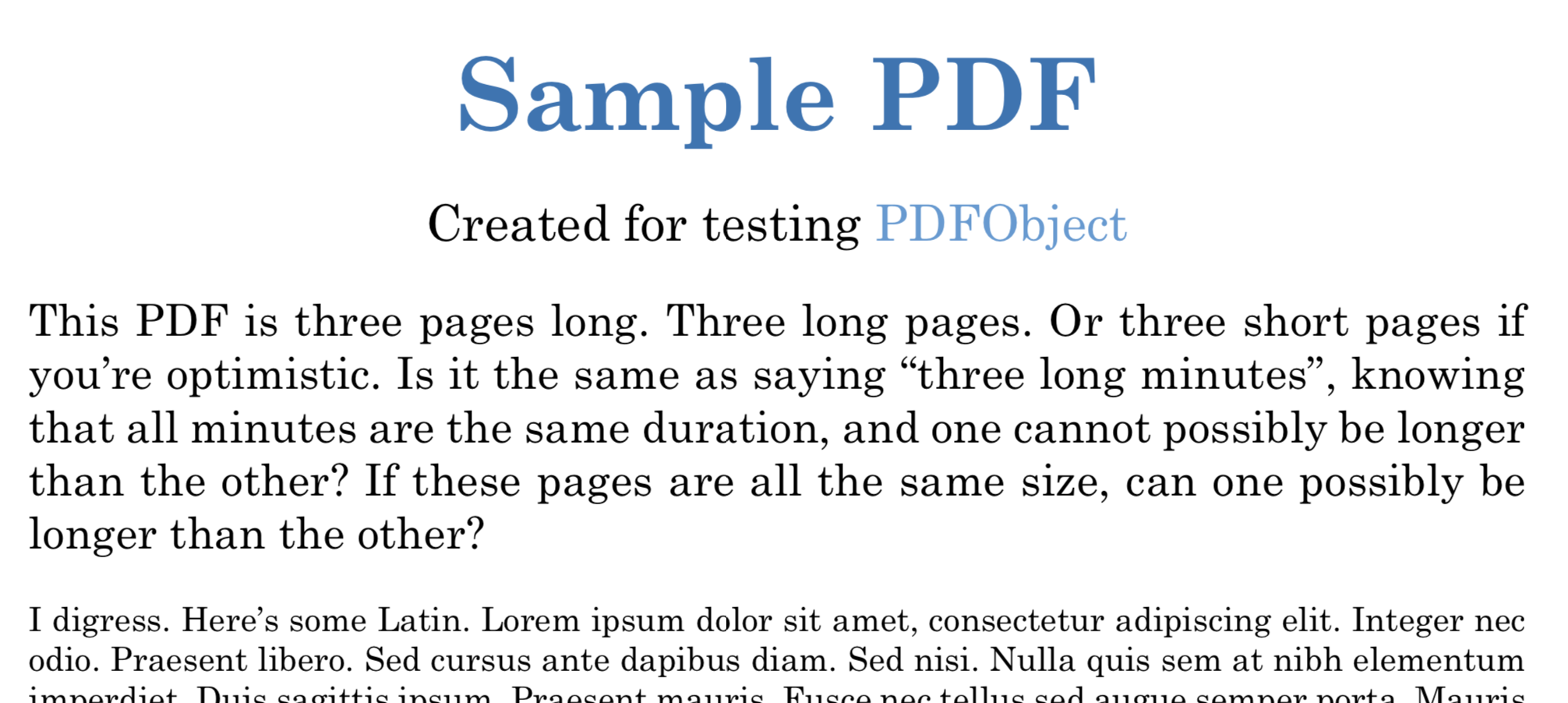


Figure 7: Here’s a sample local scrollable PDF caption, with option to add Markdown link and footnote.

References:

* R Markdown book section on figures <https://bookdown.org/yihui/rmarkdown/html-document.html#figure-options>
* R Markdown reference <https://www.rstudio.com/wp-content/uploads/2015/03/rmarkdown-reference.pdf>
* On R code chunks in RMarkdown <https://bookdown.org/yihui/rmarkdown/r-code.html>
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* Tips and tricks <http://zevross.com/blog/2017/06/19/tips-and-tricks-for-working-with-images-and-figures-in-r-markdown-documents/#arguments-out.width-and-out.height-apply-to-both-existing-images-and-r-generated-figures>

# Chapter 2

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## Subchapter 2.1 for note testing

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# Chapter 3

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