Bookdown test

subtitle goes here

Jack Dougherty

and contributors

2019-07-12

# About the book

This is a test book

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# 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 (which due to floating images in PDF engines, may appear on a different page), like this: … as shown in Figure 1.

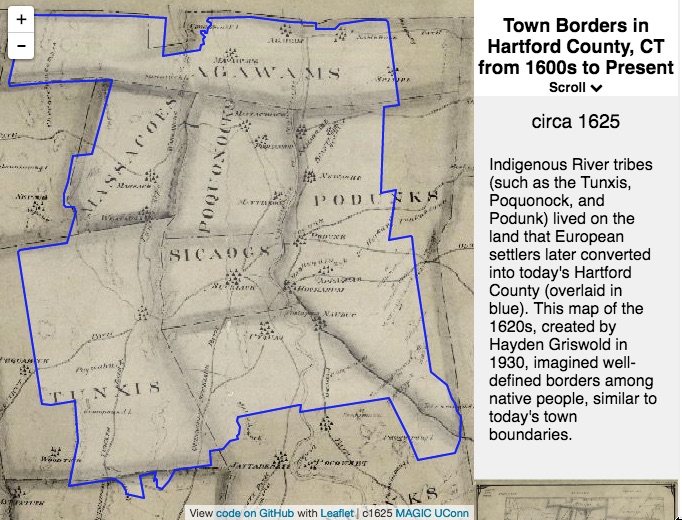


Figure 1: Scroll down the narrative (or click and use arrow keys) in this [interactive map](https://ontheline.github.io/otl-town-borders/) to see how Hartford County, Connecticut was divided into 29 separate towns from the early 1600s to the late 1800s. Boundaries shown here are not exact, but approximated 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)

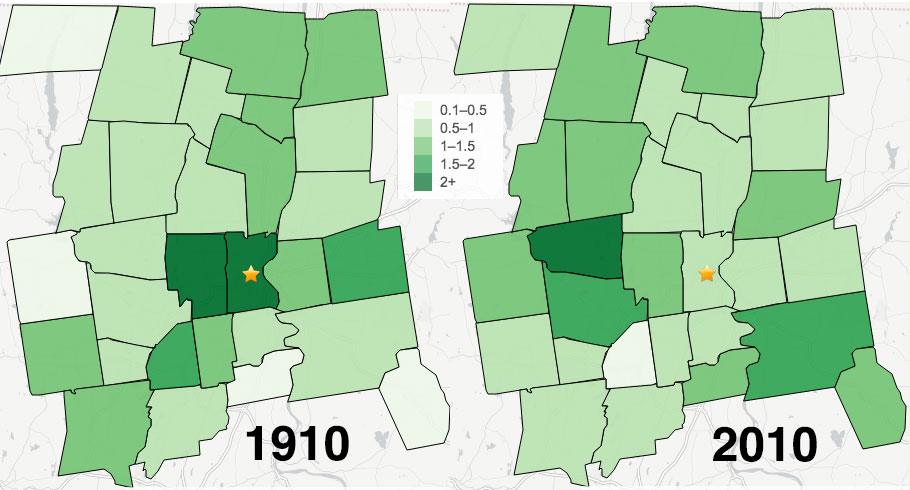


Figure 2: Here’s a sample caption for a second type of interactive map

UNANSWERED QUESTIONS:

1. How can I increase the height of the map in the dynamic HTML edition? The HTML rendered iframe is stuck at height=400px, no matter what I try. None of these settings in the example above affect the HTML output:

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

1. How can I insert a title to appear immediately above the map, in both the dynamic HTML and static PDF editions? I know that I can insert a paste () command in the code block, immediately after the curly bracket } and before the if (knitr) statement, but it is ugly and I have no formatting control.
2. Is auto.pdf=TRUE necessary? How about out.width="100%"?
3. 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.

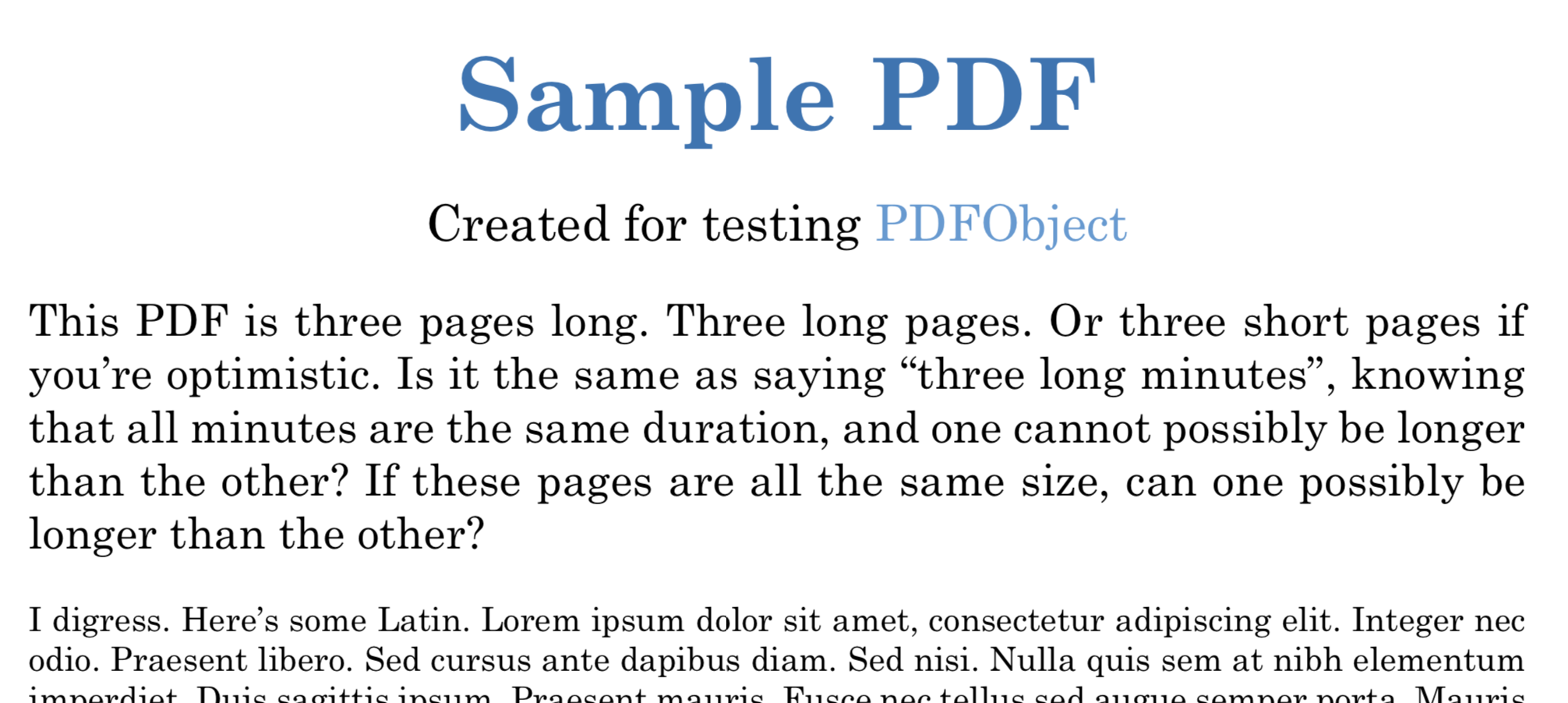


Figure 7: Here’s a sample local scrollable PDF caption, with option to add Markdown link and footnote.

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>
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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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