

Engineering Notes

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Chapter 1

About Engineering Notes



A *GitBook* is a useful tool for creating (open?) educational resources. It is an online “book” format, that can be hosted directly from a GitHub repository. You are currently reading a GitBook designed to help you get started creating your own educational GitBooks for your courses (how meta!). It does this in two ways: By explaining how to create GitBooks, and by serving as a template that you can copy and edit, instead of having to start from scratch. This template GitBook has all the settings that I consider to be useful for educational GitBooks, but you can always customize it.

I will focus specifically on GitBooks that are made in Rstudio, using the `rmarkdown` markup language, rendered using the `bookdown` package, and hosted on GitHub. If you want to get started, skip ahead to Chapter 2; if you need more convincing, keep reading below.

1.1 My Engineering Notes

To note engineering

This are miscellaneous engineering notes that I have made over the years.

Chapter 2

R programming

Here are some notes about the R programming language.

using the **bookdown** package in this sample book, which was built on top of R Markdown and **knitr** (Xie, 2015).

Bibliography

Xie, Y. (2015). *Dynamic Documents with R and knitr*. Chapman and Hall/CRC, Boca Raton, Florida, 2nd edition. ISBN 978-1498716963.