

Table Of Contents

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This file creates a table for the Table of Contents as found in toc.txt

```
fix_up_lines <- function(line) {
  n <- length(line)
  for (i in 1 : n) {
    line[i] <- str_trim(line[i])
    if (str_detect(line[i], "-$")) {
      padding <- str_match(line[i+1], "[\\w\\d]+ ")
      line[i] <- paste(str_sub(line[i], start=1, end=-2), line [i+1], sep="")
      line[i] <- str_trim(line[i])
      line[i+1] <- str_replace(line[i+1], line [i+1], "r")
    }
  }
}

#print(line)
return(line)
}

history_toc <- readLines("toc.txt")|>
as_tibble() |>
mutate(
  line = fix_up_lines(value)
) |>
filter(
  str_detect(line, "^r") == FALSE,
  str_detect(value, "^CHAP") == FALSE,
  str_detect(value, ".+"),
  str_detect(value, "CONTENTS") == FALSE,
  str_detect(value, "[:upper:]{2,}")
) |>
```

```

select(line) |>
mutate(
  page_number = readr::parse_number(
    str_extract(line, "\\d+$")
  ),
  chapter = row_number()
)|>
rename("title" = line)

```

```
history_toc
```

```
# A tibble: 29 x 3
```

title	page_number	chapter
<chr>	<dbl>	<int>
1 QUEEN'S COLLEGE CHARACTERISTICS AND HISTORICAL ASSOCIATI~	13	1
2 AMHERST FIRST NAMED AS THE BEST SITE FOR A COLLEGE AMHER~	24	2
3 AMHERST ACADEMY, 34	34	3
4 CONSTITUTION OF THE CHARITY FUND THE CONVENTION AT AMHER~	40	4
5 EFFORTS TO UNITE WILLIAMS COLLEGE AND THE INSTITUTION AT~	51	5
6 ERECTION OF THE FIRST COLLEGE EDIFICE INAUGURATION OF TH~	62	6
7 THE FIRST PRESIDENCY AND OTHER FIRST THINGS DURING THE F~	73	7
8 BIOGRAPHICAL SKETCHES OF PRESIDENT MOORE AND HIS COLLEAG~	91	8
9 LIVES OF SOME OF THE FOUNDERS, 104	104	9
10 PRESIDENT HUMPHREY'S ADMINISTRATION FROM 1823 TO 1825 - ~	127	10

```
# i 19 more rows
```

```
usethis::use_data(history_toc, overwrite = TRUE)
```

```

v Setting active project to '/Users/nickadmin/Dropbox/STAT325S24/git/HistoryAmherstCollege'
v Saving 'history_toc' to 'data/history_toc.rda'
* Document your data (see 'https://r-pkgs.org/data.html')

```