

# Package: fedregs (via r-universe)

November 21, 2024

**Type** Package

**Title** Text Analysis of the US Code of Federal Regulations

**Version** 1.0.0

**Description** The Code of Federal Regulations (CFR) annual edition is the codification of the general and permanent rules published in the Federal Register by the departments and agencies of the Federal Government of the United States of America. Simply, the 'fedregs' package facilitates word processing and sentiment analysis of the CFR using tidy principles. Note: According to the Code of Federal Regulations XML Rendition User Guide Document: ``In general, there are no restrictions on re-use of information in Code of Federal Regulations material because U.S. Government works are not subject to copyright. OFR and GPO do not restrict downstream uses of Code of Federal Regulations data, except that independent providers should be aware that only the OFR and GPO are entitled to represent that they are the providers of the official versions of the Code of Federal Regulations and related Federal Register publications."

**License** GPL-3

**BugReports** <https://github.com/slarge/fedregs/issues>

**Encoding** UTF-8

**LazyData** true

**Depends** R (>= 3.1.0),

**Imports** dplyr (>= 0.7.4), magrittr (>= 1.5), xml2 (>= 1.2.0), purrr(>= 0.2.5), rvest(>= 0.3.2), stringi(>= 1.1.7), httr (>= 1.3.1), tidytr (>= 1.0.0), tidytext (>= 0.1.9)

**Suggests** ggplot2 (>= 2.2.1), testthat (>= 2.0.0)

**RoxygenNote** 6.1.1

**NeedsCompilation** no

**Author** Scott Large [cre, aut]

**Maintainer** Scott Large <[scott.large@noaa.gov](mailto:scott.large@noaa.gov)>

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**Additional\_repositories** <https://cranhaven.r-universe.dev>

**Config/pak/sysreqs** libicu-dev libxml2-dev libssl-dev

**Repository** <https://cranhaven.r-universe.dev>

**RemoteUrl** <https://github.com/cranhaven/cranhaven.r-universe.dev>

**RemoteRef** package/fedregs

**RemoteSha** 6e100f24ba5add4e407b64ce255b0a4080df3f1e

## Contents

cfr_text . . . . .	2
fedregs . . . . .	3

<b>Index</b>	<b>4</b>
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cfr_text	<i>Extract the Text for a Given Year, Title, Chapter, and Part</i>
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## Description

cfr\_text returns a tibble of CFR text

## Usage

```
cfr_text(year, title_number, chapter, part, token = "words",
         return_tidytext = TRUE, verbose = FALSE, ...)
```

## Arguments

year	numeric between 1996 and 2018.
title_number	numeric between 1 and 50.
chapter	numeric or roman numeral.
part	numeric.
token	character. Unit for tokenizing. Currently
return_tidytext	logical. TRUE = tidytext, FALSE = raw data
verbose	logical. Will return "helpful" messages regarding the status of the URL.
...	Extra arguments passed on to tokenizers, such as n and k for "ngrams" and "skip_ngrams"

**Details**

`cfr_text`

This function is the main function of the `fedregs` package. It takes the title, chapter, part, and year and returns a tibble of raw text (`return_tidytext = FALSE`) or `tidytext` text (`return_tidytext = TRUE`). N.b., it has not been extensively tested on titles and chapters other than Title 50 chapter VI and part 648.

**Value**

a tibble with `year`, `title_number`, `chapter`, `part`, and `text` nested by subpart

**Examples**

```
regs <- cfr_text(year = 2018,  
title_number = 50,  
chapter = 6,  
part = 648,  
return_tidytext = TRUE,  
token = "words",  
verbose = TRUE)  
head(regs)
```

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fedregs

fedregs *package*

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**Description**

Text Analysis of the US Code of Federal Regulations

**Details**

See the README on [GitHub](#)

# Index

cfr\_text, [2](#)

fedregs, [3](#)

fedregs-package (fedregs), [3](#)