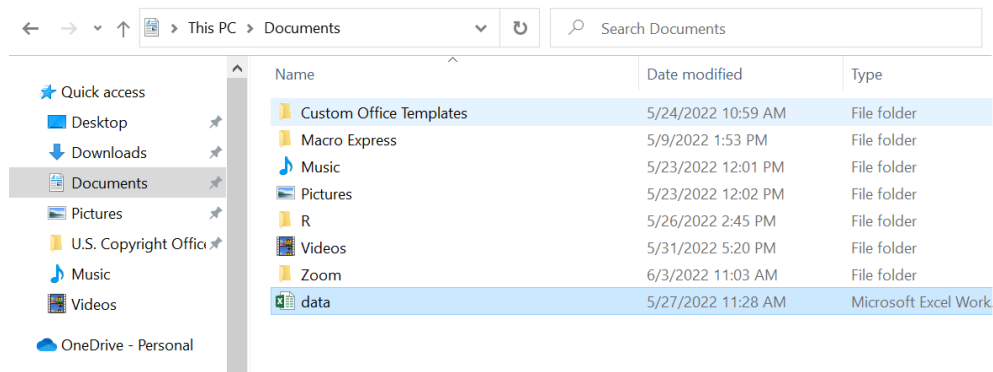


To install and use R Package `uscoauditlog`, please follow the following instructions step by step:

1. Please drag and drop your .xlsx file into your Documents (under QuickAccess) [R on Windows by default set your working directory to Documents, if you would like to change your working directory, please use `setwd()` command]
2. Rename your file to “**data.xlsx**”



3. Open your R Studio
4. In your R Studio Console (left/bottom left corner), please type the following command in the order they are listed [*THE YELLOW-HIGHLIGHTED PORTION IS ONLY REQUIRED FOR THE FIRST TIME, YOU DON'T NEED TO INSTALL THOSE PACKAGES AFTER THE FIRST TIME. IF YOU ALREADY HAVE THOSE PACKAGES INSTALLED, PLEASE SKIP TO STEP e.*]

```
a. install.packages("devtools") #may take about 10 mins...
b. install.packages("readxl") #may take about 2 mins...
c. install.packages("xlsx") #may take about 2 mins...
d. install.packages("openxlsx") #may take about 2 mins...
e. library("devtools")
f. library("stringr")
g. library("readxl")
h. library("xlsx")
i. library("openxlsx")
j. install_github("pakabuka/uscoauditlog/uscoauditlog")
k. library("uscoauditlog")
l. clean_format_all("data.xlsx")
```

Code Snippet

```

R 4.1.0 - ~/ >
R version 4.1.0 (2021-05-18) -- "Camp Pontanezen"
copyright (c) 2021 The R Foundation for Statistical Computing
Platform: x86_64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> library(devtools)
Loading required package: usethis
Warning message:
package 'devtools' was built under R version 4.1.3
> library(stringr)
Warning message:
package 'stringr' was built under R version 4.1.3
> library(readxl)
Warning message:
package 'readxl' was built under R version 4.1.3
> library(xlsx)
Warning message:
package 'xlsx' was built under R version 4.1.3
> install_github("papakubka/uscoauditlog/uscoauditlog")
Warning: Rtools is required to build R packages, but is not currently installed.

Please download and install Rtools 4.0 from https://cran.r-project.org/bin/windows/rtools/.
Downloading github repo papakubka/uscoauditlog@HEAD
Warning: Rtools is required to build R packages, but is not currently installed.

Please download and install Rtools 4.0 from https://cran.r-project.org/bin/windows/rtools/.
V checking for file 'c:\users\sh11u\appdata\local\temp\xtmpgqoyLF\remotesc703b193bf3\papakubka-uscoauditlog-24621fe\uscoauditlog\DESCRIPTION' (587ms)
- preparing 'uscoauditlog':
V checking DESCRIPTION meta-information ...
- checking for LF line-endings in source and make files and shell scripts
- checking for empty or unneeded directories
removed 'LazyData' from DESCRIPTION
- building 'uscoauditlog_1.1.0.tar.gz'

Installing package into 'C:\home\loprof_009\sh11u\my documents\R\win-library\4.1'
(as 'lib' is unspecified)
'C:\home\loprof_009\sh11u\my documents'
package was started with the above path as the current directory.
unc paths are not supported. defaulting to windows directory.
* installing *source* package 'uscoauditlog' ...
** using staged installation
** R
** byte-compile and prepare package for lazy loading
Warning: package 'stringr' was built under R version 4.1.3
** help
*** installing help indices
converting help for package 'uscoauditlog'
finding HTML links ... done
uscoauditlog
*** building package indices
*** testing if installed package can be loaded from temporary location
*** arch - i386
*** arch - x64
*** testing if installed package can be loaded from final location
*** arch - i386
*** arch - x64
*** testing if installed package keeps a record of temporary installation path
** DONE (uscoauditlog)
> library(uscoauditlog)
> clean_format_all("data.xlsx")

Attaching package: 'openxlsx'

The following objects are masked from 'package:xlsx':
  createworkbook, loadworkbook, read.xlsx, saveworkbook, write.xlsx

```

After you finish the above steps, the NEW .xlsx and .txt file should be named “**audit_data_formatted.xlsx**” and “**audit_data_formatted.txt**” and is located somewhere in your Documents folder.

Quick access	Name	Date modified	Type
Desktop	Custom Office Templates	5/24/2022 10:59 AM	File folder
Downloads	Macro Express	5/9/2022 1:53 PM	File folder
Documents	Music	5/23/2022 12:01 PM	File folder
Pictures	Pictures	5/23/2022 12:02 PM	File folder
U.S. Copyright Office	R	5/26/2022 2:45 PM	File folder
Music	Videos	5/31/2022 5:20 PM	File folder
Videos	Zoom	6/3/2022 11:03 AM	File folder
OneDrive - Personal	data	5/27/2022 11:28 AM	Microsoft Excel Work
This PC	audit_data_formatted	6/3/2022 12:12 PM	Text Document
	audit_data_formatted	6/3/2022 11:26 AM	Microsoft Excel Work

~ Happy cleaning! ☺

FRED.