Package 'icpsrdata'

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Type Package

Title Reproducible Data Retrieval from the ICPSR Archive

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Description Reproducible, programmatic retrieval of datasets from the
Inter-university Consortium for Political and Social Research archive.

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LazyData TRUE

Suggests knitr, rmarkdown

VignetteBuilder knitr

Imports rvest, purrr, httr, utils

Encoding UTF-8

RoxygenNote 7.1.0

NeedsCompilation no

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R topics documented:

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icpsr_download *Download datasets from ICPSR*

Description

`icpsr_download` provides a programmatic and reproducible means to download datasets from the Inter-university Consortium for Political and Social Research

Usage

```
icpsr_download(
  file_id,
  email = getOption("icpsr_email"),
  password = getOption("icpsr_password"),
  reset = FALSE,
  download_dir = "icpsr_data",
  msg = TRUE,
  unzip = TRUE,
  delete_zip = unzip
)
```

Arguments

file_id	The unique identifier (or optionally a vector of these identifiers) for the dataset(s) to be downloaded (see details).
email, password	
	Your ICPSR email and password (see details)
reset	If TRUE, you will be asked to re-enter your ICPSR email and password.
download_dir	The directory (relative to your working directory) to which files from the ICPSR will be downloaded.
msg	If TRUE, outputs a message showing which data set is being downloaded.
unzip	If TRUE, the downloaded zip files will be unzipped.
delete_zip	If TRUE, the downloaded zip files will be deleted.

Details

`icpsr_download` provides a programmatic and reproducible means to download datasets from the Inter-university Consortium for Political and Social Research, which requires a user account. Sign up for an account at https://www.icpsr.umich.edu before proceeding.

To avoid requiring others to edit your scripts to insert their own email and password or to force them to do so interactively, the default is set to fetch this information from the user's .Rprofile. Before running `icpsr_download`, then, you should be sure to add these options to your .Rprofile substituting your info for the example below:

```
options("icpsr_email" = "juanita-herrara@uppermidwest.edu","icpsr_password" = "password123!")
```

If this information is not found a user's .Rprofile, the function will also check in the .Renviron file.
Either file may be easily edited via `usethis::edit_r_profile()` or `usethis::edit_r_environ()`.

Value

The function returns downloaded files.

Examples

```
## Not run:
 icpsr_download(file_id = c(3730, 36138),
                download_dir = tempdir()) # remember to specify a directory for your download

## End(Not run)
```

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