

# Package ‘ropercenter’

March 17, 2017

**Type** Package

**Title** Reproducible Data Retrieval from the Roper Center Data Archive

**Version** 0.1.0

**Date** 2017-03-01

**URL** <https://github.com/fsolt/ropercenter>

**BugReports** <https://github.com/fsolt/ropercenter/issues>

**Description** Reproducible, programmatic retrieval of datasets from the Roper Center data archive. The Roper Center for Public Opinion Research <<https://ropercenter.cornell.edu>> maintains the largest archive of public opinion data in existence, but researchers using these datasets are caught in a bind. The Center's terms and conditions bar redistribution of downloaded datasets, but to ensure that one's work can be reproduced, assessed, and built upon by others, one must provide access to the raw data one employed. The `ropercenter` package cuts this knot by providing registered users with programmatic, reproducible access to Roper Center datasets from within R.

**License** MIT + file LICENSE

**LazyData** TRUE

**Suggests** knitr, rmarkdown

**VignetteBuilder** knitr

**Imports** rvest, httr, xml2, dplyr, stringr, haven, foreign

**RoxygenNote** 6.0.1

**NeedsCompilation** no

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**Repository** CRAN

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## R topics documented:

roper\_download . . . . . 2

**Index****3**


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roper_download	<i>Download datasets from the Roper Center</i>
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**Description**

roper\_download provides a programmatic and reproducible means to download datasets from the Roper Center's data archive

**Usage**

```
roper_download(file_id, email = getOption("roper_email"),
  password = getOption("roper_password"), reset = FALSE,
  download_dir = "roper_data", msg = TRUE, convert = TRUE)
```

**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 Roper Center email and password (see details)
reset	If TRUE, you will be asked to re-enter your Roper Center email and password.
download_dir	The directory (relative to your working directory) to which files from the Roper Center will be downloaded.
msg	If TRUE, outputs a message showing which data set is being downloaded.
convert	If TRUE, converts downloaded file(s) to .RData format.

**Details**

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 roper\_download, then, you should be sure to add these options to your .Rprofile substituting your info for the example below:

```
options("roper_email" = "juanita-herrera@uppermidwest.edu", "roper_password" = "password123")
```

**Value**

The function returns downloaded files.

**Examples**

```
## Not run:
roper_download(file_id = c("CNCIP01996-96010", "CNCIP02000-02"))

## End(Not run)
```

# Index

roper\_download, [2](#)