

# Package ‘ukds’

March 22, 2017

**Type** Package

**Title** Reproducible Data Retrieval from the UK Data Service

**Version** 0.1.0

**Date** 2017-03-22

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

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

**Description** Reproducible, programmatic retrieval of datasets from the UK Data Service <<https://www.ukdataservice.ac.uk>>. The UKDS is ``the UK's largest collection of social, economic and population data resources," but researchers taking advantage of these datasets are caught in a bind. The UKDS terms and conditions sharply limit 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 ukds package cuts this knot by providing programmatic, reproducible access to the UKDS datasets from within R.

**License** MIT + file LICENSE

**LazyData** TRUE

**Suggests** knitr, rmarkdown

**VignetteBuilder** knitr

**Imports** magrittr, rio, RSelenium (>= 1.7.1), stringr, tools, utils

**RoxygenNote** 6.0.1

**NeedsCompilation** no

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**Repository** CRAN

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ukds_download	<i>Download datasets from the UK Data Service</i>
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**Description**

ukds\_download provides a programmatic and reproducible means to download datasets from the UK Data Service's data archive

**Usage**

```
ukds_download(file_id, org = getOption("ukds_org"),
              user = getOption("ukds_user"), password = getOption("ukds_password"),
              use = getOption("ukds_use"), reset = FALSE, download_dir = "ukds_data",
              msg = TRUE, convert = TRUE, delay = 5)
```

**Arguments**

file_id	The unique identifier (or optionally a vector of these identifiers). for the dataset(s) to be downloaded (see details).
org, user, password	Your UK Data Service organization, username, and password (see details).
use	The number of a 'use of data' you have registered with the UK Data Service (see details).
reset	If TRUE, you will be asked to re-enter your organization, username, and password.
download_dir	The directory (relative to your working directory) to which files from the UK Data Service 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.
delay	If the speed of your connection to the UK Data Service is particularly slow, ukds_download may encounter problems. Increasing the delay parameter may help.

**Details**

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

```
options("ukds_org" = "UK Data Archive", "ukds_user" = "ukf0000000000",
```

**Value**

The function returns downloaded files.

**Examples**

```
## Not run:  
ukds_download(file_id = c())  
  
## End(Not run)
```

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