

Package: readit (via r-universe)

September 14, 2024

Title Effortlessly Read Any Rectangular Data

Description Providing just one primary function, 'readit' uses a set of reasonable heuristics to apply the appropriate reader function to the given file path. As long as the data file has an extension, and the data is (or can be coerced to be) rectangular, readit() can probably read it.

Version 1.1.0

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Depends R (>= 3.4.0)

Imports crayon (>= 1.3.4), haven (>= 1.1.1), jsonlite (>= 1.5), readr (>= 1.1.1), readxl (>= 1.0.0), tools (>= 3.4.3)

Suggests devtools (>= 1.13.4), dplyr (>= 0.7.4), knitr (>= 1.19), rmarkdown (>= 1.8), testthat (>= 2.0.0)

URL <https://github.com/ryapric/readit>

BugReports <https://github.com/ryapric/readit/issues>

RoxygenNote 7.0.0

Roxygen list(markdown = TRUE)

Encoding UTF-8

LazyData true

Repository <https://ryapric.r-universe.dev>

RemoteUrl <https://github.com/ryapric/readit>

RemoteRef HEAD

RemoteSha 820a19c38dabb6eea83b32b027e1958bee67a132

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guess_haven	<i>Guess File Type to Pass to haven Readers</i>
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Description

This function is a helper for `readit()` to guess the type of file that can be passed to an appropriate reader from `haven`.

Usage

```
guess_haven(.data)
```

Arguments

<code>.data</code>	Data to guess/read
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Value

A reader function, and its label

guess_txt	<i>Guess ".txt" Delimiter</i>
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Description

Since a `.txt` file is of ambiguous delimitation, this function is a helper for `readit()` to guess the type, and return the appropriate reader.

Usage

```
guess_txt(.data)
```

Arguments

<code>.data</code>	Data to guess/read
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Value

A reader function, and its label

readit	<i>Read Files of Any Type</i>
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Description

NOTE: the readit package is retired, and this function throws deprecation warnings when called. Please use the `rio::import()` function instead.

Usage

```
readit(.data, ..., tidyverse = TRUE)
```

Arguments

<code>.data</code>	File path to read data from.
<code>...</code>	Additional arguments passed to tidyverse read functions, e.g. <code>sheet</code> , <code>n_max</code> , etc.
<code>tidyverse</code>	Should readit use functions available in the tidyverse, e.g. functions from <code>readr</code> , etc.? Defaults to TRUE.

Details

Given a file path, read the data into R, regardless of file type/extension. `readit` is a thick wrapper around many of the `tidyverse` libraries, but can be forced to use base functions where possible. Note that the caveat is that the file **needs** to have an extension, as well as be of a relatively common type. "Common types" are any file type that can be handled by the `readr`, `readxl`, or `haven` packages.

Examples

```
readit(system.file("examples", "csv.csv", package = "readit"))
readit(system.file("examples", "tab_sep.txt", package = "readit"))
readit(system.file("examples", "semi_sep.txt", package = "readit"))
readit(system.file("examples", "xlsx.xlsx", package = "readit"))
readit(system.file("examples", "xls.xls", package = "readit"))
readit(system.file("examples", "iris.sas7bdat", package = "readit"))
```

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