

Package: tidyged.io (via r-universe)

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Title Import and Export GEDCOM Files

Version 1.1.0.9000

Description Import and export family tree GEDCOM files to and from tidy dataframes.

URL <https://github.com/jl5000/tidyged.io>

License GPL (>= 2)

Encoding UTF-8

LazyData true

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Suggests testthat (>= 3.0.0), roxytest, knitr, tidyged

Remotes jl5000/tidyged.internals, jl5000/tidyged

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Repository <https://jl5000.r-universe.dev>

RemoteUrl <https://github.com/jl5000/tidyged.io>

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capitalise_tags_and_keywords
Capitalise tags and certain keywords

Description

This function capitalises all tags and certain values such as SEX values and DATE values.

Usage

```
capitalise_tags_and_keywords(gedcom)
```

Arguments

gedcom A tidyged object.

Details

The function also ensures certain values are lowercase such as PEDI and ADOP values, and removes explicit GREGORIAN date escape sequences (as they are implied).

Value

A tidyged object with appropriately capitalised tags and keywords.

check_line_lengths *Check the line lengths of a GEDCOM file*

Description

Check the line lengths of a GEDCOM file

Usage

```
check_line_lengths(lines, limit)
```

Arguments

lines A character vector of GEDCOM lines.
limit The maximum length of a line allowed.

Value

The input character vector

combine_gedcom_values *Convert the GEDCOM grammar to the GEDCOM form*

Description

This function applies concatenation indicated by CONC/CONT lines.

Usage

```
combine_gedcom_values(gedcom)
```

Arguments

gedcom A tidyged object.

Details

The function works by collapsing CONC/CONT lines using group-by/summarise.

Value

A tidyged object in the GEDCOM form.

combine_spouse_age_lines
Combine husband/wife age rows into one row

Description

This function combines the HUSB and WIFE rows with their subordinate AGE rows in order to make querying easier.

Usage

```
combine_spouse_age_lines(gedcom)
```

Arguments

gedcom A tidyged object.

Value

A tidyged object with husband/wife and age rows combined accordingly.

create_conc_lines *Create CONCatenation lines*

Description

Create CONCatenation lines

Usage

```
create_conc_lines(lines, char_limit)
```

Arguments

lines Lines of a tidyged object.
char_limit Character limit of line values.

Value

The same lines of the tidyged object, potentially with additional concatenation lines.

create_cont_lines *Create CONTInuation lines*

Description

Create CONTInuation lines

Usage

```
create_cont_lines(lines)
```

Arguments

lines Lines of a tidyged object.

Value

The same lines of the tidyged object, potentially with additional continuation lines.

| | |
|-------------|-----------------------------|
| read_gedcom | <i>Import a GEDCOM file</i> |
|-------------|-----------------------------|

Description

Imports a *.ged file and creates a tidyged object.

Usage

```
read_gedcom(filepath = file.choose())
```

Arguments

filepath The full filepath of the GEDCOM file.

Value

A tidyged object

Examples

```
## Not run:  
read_gedcom("C:/my_family.ged")  
  
## End(Not run)
```

| | |
|----------------------|--|
| read_gedcom_encoding | <i>Read the Byte Order Mark of the GEDCOM file</i> |
|----------------------|--|

Description

This function reads the Byte Order Mark of a GEDCOM file in order to determine its encoding. It only checks for UTF-8 or UTF-16 - if neither of these are found it throws an error.

Usage

```
read_gedcom_encoding(filepath)
```

Arguments

filepath The full filepath of the GEDCOM file.

Value

A character string indicating the encoding of the file.

split_gedcom_values *Convert the GEDCOM form to GEDCOM grammar*

Description

This function introduces CONC/CONT lines for line values that exceed the given number of characters and for lines containing line breaks.

Usage

```
split_gedcom_values(gedcom, char_limit)
```

Arguments

| | |
|------------|----------------------------------|
| gedcom | A tidyged object. |
| char_limit | Maximum string length of values. |

Value

A tidyged object in the GEDCOM grammar ready to export.

split_spouse_age_lines
 Split husband/wife age rows into two rows

Description

This function splits the HUSB_AGE and WIFE_AGE tags into two rows in line with the GEDCOM specification.

Usage

```
split_spouse_age_lines(gedcom)
```

Arguments

| | |
|--------|-------------------|
| gedcom | A tidyged object. |
|--------|-------------------|

Value

A tidyged object with husband/wife age rows split accordingly.

update_header_with_filename
Update GEDCOM header with filename

Description

Update GEDCOM header with filename

Usage

```
update_header_with_filename(gedcom, filename)
```

Arguments

| | |
|----------|--|
| gedcom | A tidyged object. |
| filename | The name of the file (with extension). |

Details

If the file does not already have a filename, then one is not added.

Value

An updated tidyged object with the updated filename.

validate_gedcom *Validate a GEDCOM file*

Description

Conduct some simple (but not exhaustive) checks on a GEDCOM file. This function is called when importing a GEDCOM file. The checks contained within are relatively simple since there are a wealth of GEDCOM validators already available.

Usage

```
validate_gedcom(gedcom, expected_encoding)
```

Arguments

| | |
|-------------------|---|
| gedcom | A tidyged object |
| expected_encoding | A character string given the expected file encoding. One of "UTF-8", "UTF-16LE", or "UTF-16BE". |

Value

Nothing

| | |
|-----------------|---------------------------------|
| validate_header | <i>Validate a GEDCOM header</i> |
|-----------------|---------------------------------|

Description

Check the GEDCOM header is properly formed.

Usage

```
validate_header(gedcom, expected_encoding)
```

Arguments

| | |
|-------------------|---|
| gedcom | A tidyged object |
| expected_encoding | A character string given the expected file encoding. One of "UTF-8", "UTF-16LE", or "UTF-16BE". |

Value

Nothing

| | |
|--------------|---|
| write_gedcom | <i>Save a tidyged object to disk as a GEDCOM file</i> |
|--------------|---|

Description

Save a tidyged object to disk as a GEDCOM file

Usage

```
write_gedcom(gedcom, filepath = file.choose())
```

Arguments

| | |
|----------|--------------------------------|
| gedcom | A tidyged object. |
| filepath | The full filepath to write to. |

Details

This function prepares the tidyged object and then writes it to the filepath. Steps taken include escaping "@" signs (with another "@") and splitting long lines onto separate lines.

Value

Nothing.

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