

Package ‘df2yaml’

July 22, 2025

Type Package

Title Convert Dataframe to 'YAML'

Version 0.3.1

Maintainer Yabing Song <songyb0519@gmail.com>

Description The 'df2yaml' aims to simplify the process of converting 'dataframe' to 'YAML' <<https://yaml.org/>>.
The 'dataframe' with multiple key columns and one value column will be converted to the multi-level hierarchy.

License MIT + file LICENSE

Encoding UTF-8

RoxygenNote 7.1.1

Imports dplyr, rraply, tibble, yaml, magrittr, rlang

Suggests rmarkdown, prettydoc, knitr

VignetteBuilder knitr

NeedsCompilation no

Author Yabing Song [aut, cre]

Repository CRAN

Date/Publication 2023-01-26 12:50:02 UTC

Contents

df2yaml	2
df2yaml2	3
Index	4

df2yaml	<i>Convert dataframe to YAML.</i>
---------	-----------------------------------

Description

Convert dataframe to YAML.

Usage

```
df2yaml(  
  df,  
  key_col,  
  val_col,  
  val_sep = ";",  
  key_sep = ":",  
  rm_quote = TRUE,  
  out_yaml = NULL  
)
```

Arguments

df	Dataframe.
key_col	The columns used as keys.
val_col	The columns used as values, this column can contain key: value pairs.
val_sep	The separator used to separate different key:value pairs in val_col. Default: ";".
key_sep	The separator used to separate key and value. Default: ":".
rm_quote	Logical value, whether to remove single quotes. Default: TRUE.
out_yaml	Output YAML file. Default: NULL (return string).

Value

NULL (write YAML) or string (if out_yaml is NULL).

Examples

```
library(df2yaml)  
test_file <- system.file("extdata", "df2yaml_l3.txt", package = "df2yaml")  
test_data <- read.table(file = test_file, header = TRUE, sep = "\t")  
df2yaml(df = test_data, key_col = c("paras", "subcmd"), val_col = "values")
```

df2yaml2*Convert dataframe to YAML.*

Description

Convert dataframe to YAML.

Usage

```
df2yaml2(  
  df,  
  key_col = c("paras", "subcmd"),  
  val_col = "values",  
  val_sep = ";",  
  key_sep = ":",  
  out_yaml = NULL  
)
```

Arguments

df	Dataframe.
key_col	The columns used as keys, up to 2.
val_col	The columns used as values, this column can contain key: value pairs.
val_sep	The separator used to separate different key:value pairs in val_col. Default: ";".
key_sep	The separator used to separate key and value. Default: ":".
out_yaml	The output yaml file. Default: NULL (string).

Value

NULL (write YAML) or string (if out_yaml is NULL).

Examples

```
library(df2yaml)  
test_file <- system.file("extdata", "df2yaml_l3.txt", package = "df2yaml")  
test_data <- read.table(file = test_file, header = TRUE, sep = "\t")  
df2yaml(df = test_data, key_col = c("paras", "subcmd"), val_col = "values")
```

Index

df2yam1, [2](#)

df2yam12, [3](#)