Homeless Management Information System Helper in R

November 1, 2017

R topics documented:

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linkPersonalIDBySSN	*Takes Client, removes records where SSNs are invalid, then links the PersonalIDs based upon matching SSNs. The Client is returned with a column called PrimaryPersonalID which should be a more unique identifier than the PersonalID alone.*

Description

Takes Client, removes records where SSNs are invalid, then links the PersonalIDs based upon matching SSNs. The Client is returned with a column called PrimaryPersonalID which should be a more unique identifier than the PersonalID alone.

Usage

```
linkPersonalIDBySSN(client, primaryPersonalIDsOnly = FALSE)
```

Arguments

primaryPersonalIDsOnly

              Default false. Returns a dataframe of only PrimaryPersonalIDs and PersonalIDs

dataframe   path to folder contaning first CSV set.

Examples

```
clientDf2 <- getPrimaryPersonalID(clientDf1)
# Remove the old PersonalID
clientDf2 <- within(clientDf2, rm(PersonalID))
colnames(clientDf2)[1] <- "PersonalID"
# Get a deduplicated Client
clientDf2 <- unique(clientDf2)
```

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mergeHmisCSVs   *Merges two HMIS CSV sets.*

Description

Merges two HMIS CSV sets.

Usage

```
mergeHmisCSVs(dataPathOne, dataPathTwo, pathForCombinedData, feather = FALSE)
```

Arguments

string	path to folder contaning first CSV set.
string	path to folder contaning second CSV set.
string	path to output where merged CSVs will be written.
boolean	save in feather file format. Default is false.

Examples

```
mergeHmisCSVs('/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016_and_2017')

mergeHmisCSVs('/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016_and_2017'
               feather = TRUE)
```

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trendActivelyHomeless   *Merges two HMIS CSV sets.*

Description

Merges two HMIS CSV sets.

Usage

```
trendActivelyHomeless(allDataPath, dropboxPath, interval = "week",
  startDate = "", servicesThreshold = 0)
```

Arguments

string	path to folder contaning first CSV set.
string	path to folder contaning second CSV set.
string	path to output where merged CSVs will be written.
boolean	save in feather file format. Default is false.

See Also

[nchar](#) which this function wraps

Examples

```
mergeHmisCSVs('/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016_and_2017')
mergeHmisCSVs('/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016',
              '/Users/user/local/CSV_2016_and_2017'
               feather = TRUE)
```

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