Package 'IalsaSynthesis'

July 4, 2015

Title Synthesizing Information Across Collaborating Research

Description Synthesizing information across collaborating research. Created for Integrative Analysis of Longitudinal Studies of Aging (http://www.ialsa.org/).

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URL https://github.com/IALSA/IalsaSynthesis, http://www.ialsa.org/

BugReports https://github.com/IALSA/IalsaSynthesis/issues

Depends R(>= 3.0.0),
stats

Imports testit

Suggests devtools,
knitr,
readr,
testthat (>= 0.9)

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LazyData TRUE

VignetteBuilder knitr

Roxygen list(wrap = TRUE)

R topics documented:

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extract *Extract the values within model output files.*

Description

Functions that extract the values within model output files.

Usage

```
extract_output_filename(mplus_output)
```

Arguments

mplus_output   Text containing model output.

Value

A `numeric` value corresponding to the desired quantity.

Author(s)

Will Beasley

Examples

```
library(IalsaSynthesis) #Load the package into the current R session.
```

IalsaSynthesis *IalsaSynthesis.*

Description

IalsaSynthesis.

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validate *Functions that check the validty of values throughout the workflow.*

Description

These functions help identify mistakes in formatting before the create difficult-to-diagnose problems later.

Usage

```
validate_filename_output(filename, path, file_extension_expected = "out",
  underscore_count_expected = 4L)
```

Arguments

`filename`	The name of the file to be validated.
`path`	The location of the file to be validated.
`file_extension_expected`	
	The extension of the file. This defaults to "out", which corresponds to Mplus output.
`underscore_count_expected`	
	The number of underscores required in the name (not currently used).

Value

An `invisible` `TRUE` value if the filename is valid. Otherwise, an error is thrown.

Author(s)

Will Beasley

Examples

```
library(IalsaSynthesis) #Load the package into the current R session.
## Not run:
path <- "./studies/eas"
good_name <- "u1_male_aehplus_muscle_noCog_hand_noCogSpec.out"
validate_filename_output(good_name, path)

bad_name <- "missing_something.outtttt"
validate_filename_output(bad_name, path)

## End(Not run)
```

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