

Package: edgeTrpLib (via r-universe)

August 23, 2024

Title Helper functions for EDGE transport calculations

Version 1.6.3

Description This package is highly specialized and created solely to not duplicate helper functions.

Depends R (>= 3.3.1)

Imports magclass, data.table, rmndt, gdx, magrittr, quitte, gdxdt, remind2, rlang, rmarkdown, yaml, ymlthis

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.2.0

Date 2022-06-01

Suggests covr

Repository <https://pik-piam.r-universe.dev>

RemoteUrl <https://github.com/pik-piam/edgeTrpLib>

RemoteRef HEAD

RemoteSha 202697ac490b6921a1d3ab4eabc1a4b7cf62085b

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createRDS	<i>Creates RDS files for iterative REMIND-EDGE runs from csv input files. Existing files are overwritten silently. Does not return anything.</i>
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Description

Creates RDS files for iterative REMIND-EDGE runs from csv input files. Existing files are overwritten silently. Does not return anything.

Usage

```
createRDS(input_path, data_path, SSP_scenario, EDGE_scenario)
```

Arguments

input_path	the path to the folder containing the input (csv-) files
data_path	the path to the output folder
SSP_scenario	the SSP dimension, usually this refers to the GDP scenario in REMIND
EDGE_scenario	the EDGE-T scenario dimension

merge_prices	<i>Merge REMIND-derived fuel prices with non-fuel costs.</i>
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Description

Merge REMIND-derived fuel prices with non-fuel costs.

Usage

```
merge_prices(
  gdx,
  REMINDmapping,
  REMINDyears,
  intensity_data,
  nonfuel_costs,
  module = "edge_esm"
)
```

Arguments

gdx	path to REMIND binary output, gdx format
REMINDmapping	mapping of REMIND regions to ISO3 country codes
REMINDyears	range of REMIND timesteps
intensity_data	logit level intensity data
nonfuel_costs	logit level non-fuel costs
module	GDX input is based on old "complex" module or new "edge_esm" module

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