

Package: PEcAn.DALEC (via r-universe)

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Type Package

Title PEcAn Package for Integration of the DALEC Model

Version 1.7.3.9000

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Description This module provides functions to link DALEC to PEcAn.

Imports PEcAn.logger, PEcAn.remote, lubridate (>= 1.6.0), ncd4 (>= 1.15), PEcAn.utils

Suggests testthat (>= 1.0.2)

SystemRequirements dalec

OS_type unix

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LazyLoad yes

LazyData FALSE

Encoding UTF-8

RoxygenNote 7.3.2

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

RemoteUrl <https://github.com/PecanProject/pecan>

RemoteRef HEAD

RemoteSha f22a7c4bbc532e4551f7bc9624cef649da317ac1

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met2model.DALEC	<i>met2model.DALEC</i>
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Description

met2model for DALEC

Usage

```
met2model.DALEC(
  in.path,
  in.prefix,
  outfolder,
  start_date,
  end_date,
  overwrite = FALSE,
  verbose = FALSE,
  spin_nyear = NULL,
  spin_nsample = NULL,
  spin_resample = NULL,
  ...
)
```

Arguments

in.path	location on disk where inputs are stored
in.prefix	prefix of input and output files
outfolder	location on disk where outputs will be stored
start_date	the start date of the data to be downloaded (will only use the year part of the date)
end_date	the end date of the data to be downloaded (will only use the year part of the date)
overwrite	should existing files be overwritten
verbose	should the function be very verbose

model2netcdf.DALEC	<i>Function to convert DALEC model output to standard netCDF format</i>
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Description

Convert DALEC output to netCDF

Usage

```
model2netcdf.DALEC(outdir, sitelat, sitelon, start_date, end_date)
```

Arguments

<code>outdir</code>	Location of DALEC model output
<code>sitelat</code>	Latitude of the site
<code>sitelon</code>	Longitude of the site
<code>start_date</code>	Start time of the simulation
<code>end_date</code>	End time of the simulation

Details

Converts all output contained in a folder to netCDF.

Author(s)

Shawn Serbin, Michael Dietze

`write.config.DALEC` *write.config.DALEC*

Description

Writes a configuration files for your model write Dalec Configuration files

Usage

```
write.config.DALEC(defaults, trait.values, settings, run.id)
```

Value

configuration files

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