Package: PEcAn.JULES (via r-universe)

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Type Package

Title PEcAn Package for Integration of the JULES Model

Version 1.7.3.9000

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Description This module provides functions to link the (JULES) to
PEcAn.

Imports PEcAn.data.atmosphere, PEcAn.logger, PEcAn.remote,
PEcAn.utils, lubridate (>= 1.6.0), ncdf4 (>= 1.15)

Suggests testthat (>= 1.0.2)

SystemRequirements JULES

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

Contents

| detect.timestep | *Detect timestep of JULES met files* |

Description

Detect timestep of JULES met files

Usage

```
detect.timestep(met.dir, met.regexp, start_date)
```

Arguments

start_date

Value

a difftime object

| model2netcdf.JULES | *Code to convert JULES output into netCDF format* |

Description

Convert MODEL output into the PEcAn standard

Usage

```
model2netcdf.JULES(outdir)
```

Arguments

outdir   Location of model output

Author(s)

Michael Dietze

write.config.JULES   *Write JULES configuration files*

Description

Writes a JULES config file.

Usage

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

Arguments

defaults	list of defaults to process
settings	list of settings from pecan settings file
run.id	id of run
trait.samples	vector of samples for a given trait

Details

Requires a pft xml object, a list of trait values for a single model run, and the name of the file to create

Value

configuration file for JULES for given run

Author(s)

Mike Dietze, Rob Kooper

Examples

```
## Not run:
  write.config.JULES(defaults, trait.values, settings, run.id)

## End(Not run)
```

Index