R documentation

of 'read.met.Rd'

November 16, 2011

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read.met *Read a meteorological data file*

Description

Read a meteorological data file

Description

Read a CTD data file, producing an object of type met.

Usage

```
read.met(file, type=NULL, skip, tz=getOption("oceTz"), debug=getOption("oceDebug"), processingLo
```

Arguments

file	a connection or a character string giving the name of the file to load.
type	if NULL, then the first line is studied, in order to determine the file type. If type="msc", then a file as formatted by the Meteorological Service of Canada is assumed.
skip	optional number of lines of header that occur before the actual data. If this is not supplied, read.met scans the file until it finds a line starting with "Date/Time", and considers all lines above that to be header.
tz	timezone assumed for time data
debug	a flag that turns on debugging. Set to 1 to get a moderate amount of debugging information, or to 2 to get more.
processingLog	if provided, the action item to be stored in the log. (Typically only provided for internal calls; the default that it provides is better for normal calls by a user.)
...	additional arguments, passed to called routines.

Details

Reads a CSV (comma-separated value) file in the format used by the Meterological Service of Canada.

Value

An object of class "met", of which the data slot contains vectors time, temperature, pressure, u, and v.

note

There seem to be several similar formats in use, so this function may not work in all cases.

Author(s)

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See Also

The documentation for met-class explains the structure of sealevel objects, and also outlines the other functions dealing with them.

Examples

```
## Not run:
library(oce)
met <- read.met("ile-rouge-eng-hourly-06012008-06302008.csv")
plot(met, which=3:4) # wind components

## End(Not run)
```

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