

Package: mrfable (via r-universe)

August 11, 2024

Type Package

Title FABLE project data

Version 1.6.3

Date 2024-01-02

Description Tool for easy downloading, cleaning, and sorting foodcrop data for India taken from here:
https://eands.dacnet.nic.in/APY_96_To_07.htm .

License LGPL-3 | file LICENSE

Depends R (>= 2.10.0), madrat (>= 2.5.0)

Imports dplyr, magclass, readxl, tidyr, utils

Suggests covr, knitr, rmarkdown

VignetteBuilder knitr

Encoding UTF-8

LazyData yes

RoxygenNote 7.2.3

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

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

RemoteRef HEAD

RemoteSha f0bb2b0a54f6e94203a2bfac1a03daa1592ac2d1

Contents

| | |
|-------------------|---|
| mrfable-package | 2 |
| calcIndiaFoodcrop | 2 |
| correctIndiaAPY | 3 |
| downloadIndiaAPY | 3 |
| fullDATAINDIA | 4 |
| readIndiaAPY | 4 |

| | |
|--------------|----------|
| Index | 6 |
|--------------|----------|

| | |
|-----------------|---|
| mrtable-package | <i>The mrtable R package (runs with madrat)</i> |
|-----------------|---|

Description

Provides functions to read in FABLE project data for India from here: https://eands.dacnet.nic.in/APY_96_To_07.htm

Author(s)

Anastasis Giannousakis

| | |
|-------------------|---|
| calcIndiaFoodcrop | <i>calcIndiaFoodcrop Calculates foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm</i> |
|-------------------|---|

Description

calcIndiaFoodcrop Calculates foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm

Usage

```
calcIndiaFoodcrop(subtype = "Area")
```

Arguments

subtype Area, Yield, or Production

Value

magpie object containing Area, Yield, and Production data.

Author(s)

Anastasis Giannousakis

Examples

```
## Not run:  
a <- madrat::calcOutput("IndiaFoodcrop", subtype = "Area")  
  
## End(Not run)
```

| | |
|-----------------|------------------------|
| correctIndiaAPY | <i>correctIndiaAPY</i> |
|-----------------|------------------------|

Description

Correct IndiaAPY data

Usage

```
correctIndiaAPY(x)
```

Arguments

x magpie object provided by the read function

Value

magpie objects with corrected IndiaAPY data

Author(s)

Anastasis Giannousakis

Examples

```
## Not run:  
readSource("IndiaAPY", convert = "onlycorrect")  
  
## End(Not run)
```

| | |
|------------------|-------------------------|
| downloadIndiaAPY | <i>downloadIndiaAPY</i> |
|------------------|-------------------------|

Description

Function to download data from https://eands.dacnet.nic.in/APY_96_To_07.htm. Best used in combination with the madrat package.

Usage

```
downloadIndiaAPY()
```

Author(s)

Anastasis Giannousakis

Examples

```
## Not run: madrat::downloadSource(type="IndiaAPY")
```

| | |
|---------------|---|
| fullDATAINDIA | <i>fullDATAINDIA Calculates foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm</i> |
|---------------|---|

Description

fullDATAINDIA Calculates foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm

Usage

```
fullDATAINDIA()
```

Value

Foodcrop India data

Author(s)

Anastasis Giannousakis

Examples

```
## Not run:
a <- retrieveData("DATAINDIA")

## End(Not run)
```

| | |
|--------------|---|
| readIndiaAPY | <i>readIndiaAPY This function reads foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm</i> |
|--------------|---|

Description

readIndiaAPY This function reads foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm

Usage

```
readIndiaAPY(subtype = NA)
```

Arguments

subtype Area, Yield, or Production

Value

magpie object containing Area, Yield, and Production data.

Author(s)

Anastasis Giannousakis

Examples

```
## Not run: a <- madrat::readSource(type="IndiaAPY", subtype="Rice", convert="onlycorrect")
```

Index

`_PACKAGE` (`mrtable-package`), 2

`calcIndiaFoodcrop`, 2

`correctIndiaAPY`, 3

`downloadIndiaAPY`, 3

`fullDATAINDIA`, 4

`mrtable` (`mrtable-package`), 2

`mrtable-package`, 2

`readIndiaAPY`, 4