

Package ‘icesSD’

October 13, 2022

Version 2.0.0

Title Stock Database Web Services

Imports icesConnect (>= 1.0.0), httr

Suggests testthat

Description

R interface to access the web services of the ICES Stock Database <<https://sd.ices.dk>>.

License GPL (>= 2)

URL <https://sd.ices.dk>, <https://github.com/ices-tools-prod/icesDatsuQC>

BugReports <https://github.com/ices-tools-prod/icesDatsuQC/issues>

Encoding UTF-8

RoxygenNote 7.1.2

NeedsCompilation no

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Repository CRAN

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icesSD-package

Stock Database Web Services

Description

R interface to access the web services of the ICES Stock Database.

Details

Get dataset:

`getSD` full stock list

Author(s)

Colin Millar, Scott Large, and Arni Magnusson.

References

ICES Stock Database: <http://sd.ices.dk>.

ICES Stock Database web services: <http://sd.ices.dk/services/>.

getSD

Get Stock List Data

Description

Get stock list data such as stock code, expert group, assessment type, etc.

Usage

```
getSD(stock = NULL, year = NULL)
```

Arguments

stock	the stock code, e.g. cod.27.47d20.
year	the active year of the stock list, e.g. 2016, or NULL to get the most recent year available.

Value

A data frame.

[icesSD-package](#) gives an overview of the package.

Examples

```
sddata <- getSD()
cod <- getSD(stock = "cod.27.47d20")
cod22 <- getSD(stock = "cod.27.47d20", year = 2022)
y2022 <- getSD(year = 2022)
```

sd_api

Build a Stock Database (SD) web service url

Description

utility to build a url with optional query arguments

Usage

```
sd_api(service, ...)
```

Arguments

service	the name of the service
...	name arguments will be added as queries

Value

a complete url as a character string

Examples

```
sd_api("hi", bye = 21)
sd_api("odata4/StockListDWS4")
```

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