

# Package: icesSD (via r-universe)

August 19, 2024

**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

**Author** Colin Millar [aut, cre], Scott Large [aut], Arni Magnusson [aut]

**Maintainer** Colin Millar <[colin.millar@ices.dk](mailto:colin.millar@ices.dk)>

**Date/Publication** 2022-02-18 08:00:05 UTC

**Repository** <https://colinmillar.r-universe.dev>

**RemoteUrl** <https://github.com/cran/icesSD>

**RemoteRef** HEAD

**RemoteSha** 782bbfb2d5d5394d8e02d03ff1937fe389ec66f4

## Contents

icesSD-package . . . . .	2
getSD . . . . .	2
sd_api . . . . .	3

<b>Index</b>	<b>4</b>
--------------	----------

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")
```

# Index

`getSD`, [2](#), [2](#)

`icesSD (icesSD-package)`, [2](#)

`icesSD-package`, [2](#)

`sd_api`, [3](#)