

Package: framrosetta (via r-universe)

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Type Package

Title What the Package Does (Title Case)

Version 0.1.0

Author Who wrote it

Maintainer The package maintainer <yourself@somewhere.net>

Description More about what it does (maybe more than one line) Use four spaces when indenting paragraphs within the Description.

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Encoding UTF-8

LazyData true

RoxygenNote 7.3.1

Depends R (>= 2.10)

Imports cli, dplyr

Repository <https://framverse.r-universe.dev>

RemoteUrl <https://github.com/FRAMverse/framrosetta>

RemoteRef HEAD

RemoteSha 1b6bb60bfe4e38aea76a74ea40048b08edcc67a6

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| bk_lookupfun_chin | <i>Generate Chinook bk_fram look-up table</i> |
|-------------------|---|

Description

At present the FRAM databases use a different stock_id numbering system in the Backwards-FRAM table than everywhere else. The dataframe 'bk_lookup_chin' provides a lookup table based on the stocks used in Preseason 2024. However, we are working to modify FRAM to support splitting Chinook stock aggregates, which will lead to increased numbers of StockIDs. 'bk_lookupfun_chin' provides an appropriate lookup table based on the 'max_stock' argument, either returning 'bk_lookup_chin' (if max_stock is not provided or doesn't exceed the stocks in 'bk_lookup_chin') or extending the dataframe with new stock ids based on the numbering conventions of the bk_stock_id.

Usage

```
bk_lookupfun_chin(max_stock = NA)
```

Arguments

| | |
|-----------|--|
| max_stock | Positive integer representing the largest *Normal* stock id (stock ids outside of the BackwardsFram table). As of Preseason 2024, there are 78 stocks; splitting stocks might increase this (e.g. 80, 82, 84). Defaults to NA. |
|-----------|--|

Value

Tibble of lookup table. '\$stock_name_bk' gives human-readable stock names; '\$bk_stock_id' gives the "StockID" used in backwards FRAM; '\$stock_id' gives the StockID used everywhere else. NAs in '\$stock_id' correspond to "totalled" stocks, which are used in backwards FRAM and nowhere else.

Examples

```
temp = bk_lookupfun_chin(80)
tail(temp)
```

| | |
|----------------|--|
| bk_lookup_chin | <i>Lookup table for Chinook stock IDs from BkFRAM to normal FRAM</i> |
|----------------|--|

Description

This table is based on Chinook stock tables from pre-season 2024. Additional stock may be added in the future (splitting out stock aggregates). The 'bk_lookupfun_chin()' function accommodates this.

Usage

bk_lookup_chin

Format

A data frame with 116 rows and 3 columns:

stock_name_bk Stock name

bk_stock_id Stock ID in the BackwardsFRAM table

stock_id Stock ID anywhere else in FRAM and TAMM

fishery_chinook_fram *Chinook fishery information*

Description

Mapping of fishery_id to fishery name for Chinook salmon, taken from the 'Fishery' table of the Chinook FRAM database.

Usage

fishery_chinook_fram

Format

A data frame with 74 rows and 5 columns:

species Species name

version_number

fishery_id Chinook fishery id number in FRAM

fishery_name Chinook fishery name in FRAM

fishery_title consistent and more human readable version of 'fishery_name'

Source

2024 Pre-Season Chinook DB.mdb

| | |
|-------------------|---------------------------------|
| fishery_coho_fram | <i>Coho fishery information</i> |
|-------------------|---------------------------------|

Description

Mapping of fishery_id to fishery name for Coho salmon, taken from the ‘Fishery’ table of the Coho FRAM database.

Usage

fishery_coho_fram

Format

A data frame with 198 rows and 5 columns:

species Species name

version_number

fishery_id Coho fishery id number in FRAM

fishery_name Coho fishery name in FRAM

fishery_title consistent and more human readable version of ‘fishery_name’

Source

2024NOF_CohoFRAMdatabase_distribution.mdb

| | |
|-----------|---|
| rmis_fram | <i>Lookup table for FRAM to RMIS recoveries</i> |
|-----------|---|

Description

For more about the Regional Mark Information System (RMIS), see <https://www.rmipc.org/>.

Usage

rmis_fram

Format

‘rmis_fram’ A data frame with 225,390 rows and 4 columns:

psc_code RMIS PSC Recovery Location

gear Gear Code

fishery_id FRAM fishery ID

fishery_name FRAM fishery name

Source

<https://github.com/FRAMverse/framr/blob/master/xlsx/lu_coho.xlsx

stock_chinook_fram *Chinook stock information*

Description

Mapping of stock_id to stock name for Chinook salmon, taken from the 'Stock' table of the Chinook FRAM database.

Usage

stock_chinook_fram

Format

A data frame with 78 rows and 7 columns:

species Species name

stock_version

stock_id Chinook stock id number in FRAM

production_region_number

management_unit_number

stock_name Chinook stock name in FRAM

stock_long_name 'stock_name' but more human readable

Source

2024 Pre-Season Chinook DB.mdb

stock_coho_fram *Coho stock information*

Description

Mapping of stock_id to stock name for Coho salmon, taken from the 'Stock' table of the Coho FRAM database.

Usage

stock_coho_fram

Format

A data frame with 78 rows and 7 columns:

species Species name

stock_version

stock_id Coho stock id number in FRAM

production_region_number

management_unit_number

stock_name Coho stock name in FRAM

stock_long_name 'stock_name' but more human readable

Source

2024NOF_CohoFRAMdatabase_distribution.mdb

timestep_chinook_fram *Chinook timestep information stock information*

Description

Mapping of timestep numbers to dates in the year, taken from the 'TimeStep' table of the Chinook FRAM database

Usage

timestep_chinook_fram

Format

A data frame with 4 rows and 5 columns:

species Species name

version_number

time_step_id id number for the time step

time_step_name Span of each timestep. Timesteps start on the first of the month, and end on the last of the month. Note that 'Oct-Apr-2' is highlighting that timestep 4 runs from October of the current year to April of the NEXT year (equivalent to timestep 1 of the following year).

time_step_title 'time_step_name', but months are written out

Source

2024 Pre-Season Chinook DB.mdb

| | |
|--------------------|--|
| timestep_coho_fram | <i>Coho timestep information stock information</i> |
|--------------------|--|

Description

Mapping of timestep numbers to dates in the year, taken from the 'TimeStep' table of the Chinook FRAM database

Usage

timestep_coho_fram

Format

A data frame with 5 rows and 5 columns:

species Species name

version_number

time_step_id id number for the time step

time_step_name Span of each timestep. Timesteps start on the first of the month, and end on the last of the month.

time_step_title 'time_step_name', but months are written out consistently

Source

2024NOF_CohoFRAMdatabase_distribution.mdb

| | |
|------------|---------------------------------------|
| tocas_fram | <i>Lookup table for FRAM to TOCAS</i> |
|------------|---------------------------------------|

Description

Lookup table for FRAM to TOCAS

Usage

tocas_fram

Format

'tocas_fram' A data frame with 10,462 rows and 6 columns:

fisher_type 1 = Non-Treaty / 2 = Treaty

gear Gear Code

disposition Disposition. "COMM" = Commercial, "C&SF" = Ceremonial and Subsistence fishing, "ORGN" = , "Test" and "TEST" = Test fishery (?), TKHM = ??

catch_area Catch area code, not zero-padded

fishery_id FRAM fishery ID

fishery_name FRAM fishery name

Source

<https://github.com/FRAMverse/framr/blob/master/xlsx/lu_coho.xlsx

waft_fram

Lookup table for FRAM to WAFT

Description

Lookup table for FRAM to WAFT

Usage

waft_fram

Format

'waft_fram' A data frame with 10,462 rows and 6 columns:

fishery_type 1 = Non-Treaty / 2 = Treaty

gear Gear Code

disposition Disposition. "COMM" = Commercial, "C&SF" = Ceremonial and Subsistence fishing, "ORGN" = , "Test" and "TEST" = Test fishery (?), TKHM = ??

catch_area Catch area code, zero-padded

fishery_id FRAM fishery ID

fishery_name FRAM fishery name

Source

<https://github.com/FRAMverse/framr/blob/master/xlsx/lu_coho.xlsx

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