Package 'openMSE'

October 14, 2022

Title Easily Install and Load the 'openMSE' Packages

Version 1.0.0

Description The 'openMSE' package is designed for building operating models,
doing simulation modelling and management strategy evaluation for fisheries.
'openMSE' is an umbrella package for the 'MSEtool' (Management Strategy Evaluation
toolkit), 'DLMtool' (Data-Limited Methods toolkit), and
SAMtool (Stock Assessment Methods toolkit) packages. By loading and installing
'openMSE', users have access to the full functionality contained within
these packages. Learn more about 'openMSE' at <https://openmse.com/>.

License GPL-3

URL <https://openmse.com/>, <https://github.com/Blue-Matter/openMSE>

BugReports <https://github.com/Blue-Matter/openMSE/issues>

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Depends R (>= 4.0.0), MSEtool (>= 3.0.0), DLMtool (>= 6.0.0), SAMtool

Imports crayon

NeedsCompilation no

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Repository CRAN

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R topics documented:

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demo *Run an example MSE*

Description

Run an example MSE using three data-limited management procedures from `DLMtool` and one stock assessment model from `SAMtool`.

Usage

```
demo()
```

Details

The MSE is run and three example performance metrics plots are produced: a trade-off plot, a projection plot, and a Kobe plot.

An MSE about is invisibly returned, and can be explored further (e.g., `summary(MSE)`).

Value

Invisibly returns an MSE object, and produces example plots of performance metrics.

Examples

```
MSE <- demo()
```

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userguide *Open the openMSE Documentation website*

Description

Opens the openMSE Documentation website (requires internet connection)

Usage

```
userguide()
```

Value

Nothing is returned. Opens the 'openMSE.com' in the web browser

Examples

```
userguide()
```

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