Package 'imf.data'

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Title An Interface to IMF (International Monetary Fund) Data JSON API

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list_datasets

List all available Time Series Datasets

Description

List all available Time Series Datasets

Usage

```
list_datasets()
```

Value

a data.frame with columns 'Id' and 'Description'.

Examples

```
d <- list_datasets()
head(d)</pre>
```

load_datasets

Loads Time Series Datasets

Description

Loads Time Series Datasets

Usage

```
load_datasets(id, use_cache = TRUE)
```

Arguments

id is character vector of Dataset Series identifier.

use_cache is Boolean, defaults to TRUE, if TRUE it reloads the Dataset from cached val-

ues.

Value

a dataset object for the time-series identifier, i.e. a list containing a list 'dimensions' of data.frames with the valid dimensions values, and a function 'get_series' to retrieve time-series data.

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Examples

mt_compact_data

Calls API endpoint 'CompactData' to get Dataset time series

Description

Calls API endpoint 'CompactData' to get Dataset time series

Usage

```
mt_compact_data(id, dimensions, start_period = NA, end_period = NA)
```

Arguments

id is a Dataset Series identifier.

dimensions is a named list with the dimensions query.

start_period is time series start date with formats.

end_period is time series end date with format. See Details for the valid formats.

Details

The 'start_period' and 'end_pariod' parameters should have formats: 'yyyy', 'yyyy-mm' or 'yyyy-mm-dd'.

Value

a list with content of 'CompactData' response.

Examples

```
DOT <- mt_compact_data("DOT", list("M", "GB", "TMG_CIF_USD", c("B0", "W00")))
```

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mt_dataflow

Calls API endpoint 'Dataflow'

Description

Calls API endpoint 'Dataflow'

Usage

```
mt_dataflow()
```

Value

a list with content of 'Dataflow' response.

Examples

```
DF <- mt_dataflow()</pre>
```

 ${\tt mt_data_structure}$

Calls API endpoint 'DataStructure'

Description

Calls API endpoint 'DataStructure'

Usage

```
mt_data_structure(id)
```

Arguments

id

is a Dataset Series identifier.

Value

a list with content of 'DataStructure' response.

Examples

```
DOT <- mt_data_structure("DOT")</pre>
```

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