

# THOMSON REUTERS EIKON

## DATASTREAM FOR OFFICE (DFO) – VBA COMMANDS

### DFO 3.0 app in Eikon

#### Data Requests

Public methods in the underlying API are now available to refresh formula using VBA macros - this includes methods to refresh selected formula/active worksheet/active workbook.

*Application.COMAddIns("PowerlinkCOMAddIn.COMAddIn").Object.RefreshSelection*

*Application.COMAddIns("PowerlinkCOMAddIn.COMAddIn").Object.RefreshActiveSheet*

*Application.COMAddIns("PowerlinkCOMAddIn.COMAddIn").Object.RefreshWorkbook*

If the selected range contains DSGRID and TF(deal Analytics), it is currently refreshing both the formulas, but not other TF formulas.

#### The User Created Time Series (UCTS) template sheets

This public method will reset the template sheet removing all the dates, the header block and the values

*btnReset\_Click*

This public method will upload all the series in the template.

*CustomUpload*

This public method will set the date range in the template.

*CustomSetDateRange*

This public method will delete the UCTS in the selected mnemonics range (without a confirmation dialog) – available in Eikon 4.043 and later.

*DeleteSelectedUCTS*

#### Navigator buttons – Eikon 4.032 and later

This public method will display the navigator interface and return the selected series to the cell that has the focus.

*Application.COMAddIns("DFOAddInExcel2010").Object.Navigator("Series", "category Id", "Row\_wise")*

This public method will display the navigator interface and return the selected datatype to the cell that has the focus.

*Call Application.COMAddIns("DFOAddInExcel2010").Object.Navigator("Datatype", "", "Column\_wise")*

The following are the category Ids –

EQUITY = "0"

EQUITY INDICES = "3"

INVST TRUST = "5"

EXNG RATE = "7"

BOND INDEX = "9"

ECONOMIC = "12"

OPTIONS = "14"

CONST LISTS = "1"

UNIT TRUST = "4"

COMMODITY = "6"

INT RATE = "8"

WARRANT = "11"

BONDS = "13"

FUTURES = "15"

Alternative a "Search Reference" in the Category ID field to display the results of a specific search – for example to see the CPI series Key Indicator explorer - use *"c3Vic2VOPWV4cDEIN2MxMi00NTkxJTdjTSUyMONPTIBSQ1gIN2NOJTdjJTdj0"*

There are the following orientation options -

Column\_wise - displays several select series/datatypes in a column

Row\_wise - displays several select series/datatypes in a row

isRIC - set to TRUE to return the RIC, and FALSE to return the Datastream code/mnemonic (should be FALSE for datatypes).

For example:-

RequestType = "Series"

CategoryID = "1"

Orientation = "COLUMN\_WISE"

isRic = "FALSE"

ThisWorkbook.Sheets("Data").Range("A2").Select

Call Application.COMAddIns("PowerlinkCOMAddIn.COMAddIn").Object.Navigator(RequestType, CategoryID, Orientation, isRic)



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For 2007 machines Prog id has to be changed to DFOAddInExcel2007, 2013 - DFOAddInExcel2013 and 2016 - DFOAddInExcel2016.

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Where -

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