

Refinitiv Workspace - Datastream

Retrieving Data using “Refinitiv Workspace Datastream” Tab

How to search for instruments in Excel by using “Refinitiv Workspace Datastream” tab

1. Choose Datastream Formula – for retrieving historical data
2. Search for instruments by
 - a. Typing name and select from auto-suggestion
 - b. Find Series button

The screenshot shows the Refinitiv Workspace Datastream Formula Builder dialog box overlaid on an Excel spreadsheet. The dialog is titled "2. Search by typing name or by find series". It has a search bar for "Series/Lists" with a "Find Series" button to its right. Below the search bar are dropdown menus for "Symbology" (set to "Datastream") and "Category" (set to "Equities"). There are also checkboxes for "Time Series for each item in list", "Display Code", "Display Currency", "Display Latest Value First", "Hyperlink To Series Metadata", and "Hyperlink To Datatype Definition". The "Options" section includes checkboxes for "Display Custom Header", "Display Row Titles", "Display Column Titles", "Display Headings", and "Transpose Data". The "Display Expression" section has radio buttons for "1st Series" (selected) and "1st Series & Description". The "Date Format" section has checkboxes for "Yearly-Date" and "Quarterly-Date". The "Auto Refresh" checkbox is checked. At the bottom, there are "Cancel" and "Insert" buttons. The formula bar at the bottom of the dialog shows the generated formula: "=DSGRID("****-2Y", "Daily", "RowHeader=true, ColHeader=true, DispSeriesDescription=true, YearlyTSFormat=false, QuarterlyTSFormat=false")".

- i. After clicking “Find Series” button, there will be “New pop-up window”
 - Then, search by typing keyword
 - Can also add more filters by different categories on the left pane, e.g. asset classes, sources of information, etc.
 - Then, select wanted instruments by clicking on the code of Symbol column “@AAPL” or check the box and click “Use”
 - Details of instrument can be found in the space below of the searched list (source, codes, time span, definition, exchange name, etc.)

The screenshot displays the Refinitiv Datastream Navigator interface. The search bar at the top contains the keyword "apple". The results are displayed in a table with columns for Category, Symbol, Market, and Origin. The "REFINE SEARCH" pane on the left shows various asset classes with checkboxes for selection. The "DISPLAY RESULTS" pane at the bottom provides detailed information for the selected instrument, @AAPL.

1. search by keyword

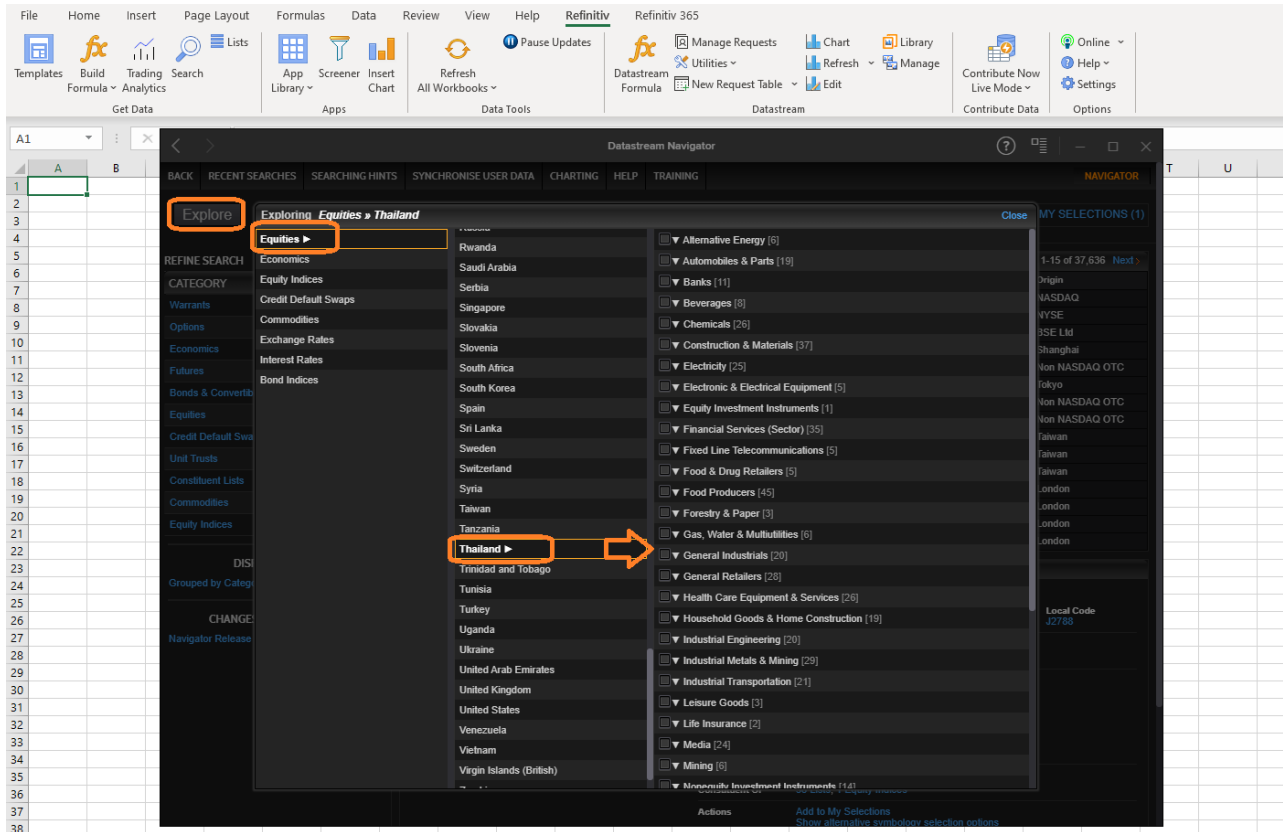
2. add more filter by categories

3. select wanted instruments

REFINE SEARCH	Multiple	Use	Symbol	Category	Market	Origin
Warrants	20,817	<input type="checkbox"/>	@AAPL	Equities	United States	NASDAQ
Options	14,258	<input type="checkbox"/>	U:AAPL	Equities	United States	NYSE
Economics	2,125	<input type="checkbox"/>	IN:ACD	Equities	India	BSE Ltd
Futures	153	<input type="checkbox"/>	CN:AFG	Equities	China	Shanghai
Bonds & Convertibles	144	<input type="checkbox"/>	@AGPL	Equities	United States	Non NASDAQ OTC
Equities	74	<input type="checkbox"/>	J:APPI	Equities	Japan	Tokyo
Credit Default Swaps	31	<input type="checkbox"/>	@APRU	Equities	United States	Non NASDAQ OTC
Unit Trusts	17	<input type="checkbox"/>	@GAPJ	Equities	United States	Non NASDAQ OTC
Constituent Lists	12	<input type="checkbox"/>	TW:FB4	Equities	Taiwan	Taiwan
Commodities	4	<input type="checkbox"/>	TW:FB3	Equities	Taiwan	Taiwan
Equity Indices	1	<input type="checkbox"/>	TW:FB8	Equities	Taiwan	Taiwan
			TW:FB9	Equities	Taiwan	Taiwan
			SAPL	Equities	Ireland	London
			AAP2	Equities	Ireland	London
			3AAP	Equities	Ireland	London
			3LAP	Equities	Ireland	London

Apple						
Memoronic	Code	RIC	T1 Code	SEDOL	ISIN	Local Code
@AAPL	992818	AAPL.O	AAPL.US	2046251	US0378331005	U037833100
Latest Value	189.8 (USD)					
Timespan	12/12/1980 - 1/19/2022, Daily					
Headline Coverage	P RI (from Dec 1980) MV DY PE PI More...					
Coverage	IBES, MSCI, WorldScope					
Exchange	NASDAQ					
Market	United States					
Currency	United States Dollar					
Type	Equity					
Explorers	United States > Technology Hardware & Equipment					
Related Securities	25 Equities, 89 Bonds & Convertibles					
Constituent Of	379 Lists, 403 Equity Indices					
Derivatives	1472 Options (active only), 95 Futures					

- Or can search instruments by clicking on “Explore” tab with in the same window
- Then select the wanted Asset class, Country, Category, Industry, and Instruments accordingly



Example: On Explore menu, select Equities → Thailand → and select first 7 industries which included 140 stocks in Thailand market
 New window will show stocks in those industries. Then check boxes for stocks in Alternative Energy sector and Krung Thai Bank and click “Use”.

The screenshot displays the Refinitiv Datastream Navigator interface. The top menu bar includes File, Home, Insert, Page Layout, Formulas, Data, Review, View, Help, and Refinitiv. The main window is titled 'Datastream Navigator' and shows an 'Explore' search for 'Multiple Explorers'. The left sidebar allows refining search criteria by Text, Category, Exchange, Market, Currency, Type, Activity, and Sector. The main results table shows 132 results for 'Equities > Thailand > Alternative Energy' and 'Equities > Thailand > Banks'. The 'Use' button is highlighted in red, and checkboxes for 'Alternative Energy' and 'Banks' are also highlighted in red.

Use	Name	Symbol	Hist.	Sector
<input checked="" type="checkbox"/>	SOLARTRON	Q.SOLM	2005	Alternative Energy
<input checked="" type="checkbox"/>	SUPER ENERGY CORPORATION	Q.SPRM	2005	Alternative Energy
<input checked="" type="checkbox"/>	META CORPORATION	Q.VTE	2011	Alternative Energy
<input checked="" type="checkbox"/>	AI ENERGY	Q.AIEP	2014	Alternative Energy
<input checked="" type="checkbox"/>	THAI AGRO ENERGY	Q.TAE	2014	Alternative Energy
<input checked="" type="checkbox"/>	UBON BIO ETHANOL	Q.UBBE	2021	Alternative Energy
<input type="checkbox"/>	INQUE RUBBER	Q.INRB	1994	Automobiles and Parts
<input type="checkbox"/>	THAI RUNG UNION CAR	Q.TRUC	1994	Automobiles and Parts
<input type="checkbox"/>	YUASA BATTERY	Q.YUAS	2002	Automobiles and Parts
<input type="checkbox"/>	AAPICO HITECH	Q.AAPI	2002	Automobiles and Parts
<input type="checkbox"/>	HWA FONG RUBBER (THAI)	Q.HFTD	2003	Automobiles and Parts
<input type="checkbox"/>	SOMBOON ADVANCE TECH.	Q.SATM	2005	Automobiles and Parts
<input type="checkbox"/>	CPR GOMU INDUSTRIAL	Q.CPRM	2005	Automobiles and Parts
<input type="checkbox"/>	THAI STEEL CABLE	Q.TSCM	2005	Automobiles and Parts
<input type="checkbox"/>	THAI STANLEY ELECTRIC	Q.STAN	1991	Automobiles and Parts
<input type="checkbox"/>	INTERHIDES	Q.IHLB	2005	Automobiles and Parts
<input type="checkbox"/>	ASIA PRECISION	Q.APCS	2011	Automobiles and Parts
<input type="checkbox"/>	GOODYEAR (THAILAND)	Q.GYTT	1987	Automobiles and Parts
<input type="checkbox"/>	FORTUNE PARTS INDUSTRY	Q.FRPP	2012	Automobiles and Parts
<input type="checkbox"/>	PCS MACHINE GPHD.	Q.PCMG	2014	Automobiles and Parts
<input type="checkbox"/>	SANKO DIECASTING	Q.SNDP	2013	Automobiles and Parts
<input type="checkbox"/>	ND RUBBER	Q.NDR	2015	Automobiles and Parts
<input type="checkbox"/>	INGRESS INDUSTRIAL	Q.ING	2017	Automobiles and Parts
<input type="checkbox"/>	THAI ENERGY STORAGE TECHNOLOGY	Q.TEST	2020	Automobiles and Parts
<input type="checkbox"/>	PRESIDENT AUTOMOBILE INDUSTRIES	Q.PRAI	2021	Automobiles and Parts
<input checked="" type="checkbox"/>	KRUNG THAI BANK	Q.KTBT	1989	Banks
<input checked="" type="checkbox"/>	BANK OF AYUDHYA	Q.BAYT	1987	Banks
<input checked="" type="checkbox"/>	THANACHART CAPITAL	Q.NFST	1987	Banks

All selected stock codes will show up in the first window of “Time Series Request”, which included the first one, APPLE, that we selected earlier.

The screenshot shows the Refinitiv Datastream Formula Builder interface. The 'Series/Lists' field is highlighted with an orange box and contains the text: `@AAPL,Q:SOLM,Q:SPRM,Q:VTE,Q:AIEP,Q:TAE,Q:UBBE,Q:KTBT,`. The interface includes a menu bar at the top with options like File, Home, Insert, Page Layout, Formulas, Data, Review, View, Help, and Refinitiv. Below the menu bar are various toolbars and a main configuration area with sections for 'Datatypes/Expressions', 'Options', and a formula preview at the bottom. The formula preview shows a complex DSGRID function with parameters for the selected series, start/end dates, frequency, and display options.

Options:

- Display Custom Header
- Display Row Titles
- Display Column Titles
- Display Headings
- Transpose Data
- Display Code
- Display Currency
- Display Latest Value First
- Hyperlink To Series Metadata
- Hyperlink To Datatype Definition

Display Expression:

- 1st Series
- 1st Series & Description

Date Format:

- Yearly-Date
- Quarterly-Date

Auto Refresh:

Formula Preview:

```
=DSGRID("@AAPL,Q:SOLM,Q:SPRM,Q:VTE,Q:AIEP,Q:TAE,Q:UBBE,Q:KTBT";"-2Y";"Daily";RowHeader=true,ColHeader=true,DispSeriesDescription=true,YearlyTISFormat=false,QuarterlyTISFormat=false)
```