

# dXbrowse User Guide

---

*June 2017*

This document covers the use and operation of *dXbrowse*, an online facility for accessing time series databases stored in DX format.

*dXbrowse* can be accessed at the following URL:

<http://datatrial.dxtime.net/dxbrowse/>

You will need to either

- connect from a valid IP address associated with your DX Licence, or
- log into the site using the user name and password with which you have been provided.

## The Home Page

Once logged in, or when connected from a valid IP address, *dXbrowse* will list all of the Databases to which you are currently subscribed. The Databases are presented in order with the most recently updated at the top.

Click on the name of any Database to show information on the most recent update. As well as the date and time of the update, *dXbrowse* will list those Topics which have been updated. Click on any Topic to show which Sections, within that Topic, have been updated. Then click on the name of any Section to navigate to that Section within the Database tree.

The Database tree can also be navigated by clicking on the triangles at the left. Database content is arranged by Topics, then Sections, and finally Tables. Recently updated Tables are shown using a yellow document icon. Tables containing new Series are shown using a green document icon.

Clicking on any Table description will open that Table in a new page.

## Search

As well as browsing for Tables of interest, you can also use the Search page to locate them. Enter one or more words to search for, and press Enter (or click the -> button). A list of matching Tables will appear beneath the Search box. You can use the Previous and Next buttons at the bottom of the page to see more matches.

For each matching Table, *dXbrowse* will show the Table description and some extracted Series descriptions with the search terms highlighted. Clicking on any Table will open it in a new page.

## Restricting by Database

As well as searching for matches on all subscribed Databases, you may restrict the search to one or more selected Databases. To do this, select those Databases in the list provided. Use Ctrl+Click (Windows) or Cmd+Click (OSX) to select and deselect individual Databases, and Shift+Click to select a range of Databases.

June 1, 2017

### Advanced Searching

The basic search will locate Tables containing all of the terms being searched for. You may instead choose to perform an Advanced Search.

- Separate words with any of the following operators: & (AND), | (OR) and !(NOT).
- If you need to, you may group expressions using parentheses.
- You may restrict the search for any word to Table descriptions only, or Series descriptions only. Do this by appending :A and :B, respectively.

For example:

*metal & prices & !(gold | silver)*

finds all matching Tables containing "metal" and "prices", but not if they contain either "gold" or "silver". And,

*metal:A & prices*

finds all matching Table containing "metal" in the Table description, and "prices" in the Table description or Series descriptions.

### The Table Page

Tables which have been located by browsing (from the Home Page), or searching, are displayed in the Table Page.

- Links to the Database, Topic and Section containing the Table appear at the top of the page.
- Links to the Previous and Next Tables in the Section appear above the Table.
- The Other Tables dropdown list shows all of the Tables in the current Section.

The Table shows all of the time Series within that Table. Clicking on any description will open a Series Page for that Series.

### Table Information

The information displayed for each Table includes

- numbers giving the publication order of the Series in the Table;
- the Series descriptions;
- the Series identifying codes;
- the Series units;
- the Series frequency and sample period. Common frequencies are (A)nnual, (Q)uarterly and (M)onthly;
- the date when the Series was last modified (updated). Series which have been recently updated are highlighted in yellow. Series which have been recently added to the Database are highlighted in green.

At the left of the Table check boxes appear allowing you to select (and deselect) individual Series.

Use the Search box at the top of the Table to quickly filter the Series to those matching whatever you type. Click on any column to sort by that column. Click again to reverse the sort order.

June 1, 2017

### Command Buttons

A set of buttons at the top of the Table allows you to perform the following operations:

#### *Show*

Show more or fewer rows (Series) in the Table.

#### *Select*

Select all Series in the Table, or remove all selections.

#### *Summary*

Show a Summary of the latest observations for the selected Series. As well as the latest observations, the Summary includes the percentage change over the last two periods, and the percentage change over the last year.

*Note that to display the Summary all the selected Series must share the same frequency.*

#### *Graph*

Show a Graph of the selected Series. Up to 12 Series may be included in a single Graph. The Graph appears above the Table and includes several options controlling its appearance.

- Choose a Range (1 year, 2 years, etc.) to restrict the Graph to more recent observations.
- Choose whether to display the original observations, or percentage changes, or differences.
- Click the Redraw Graph button, to apply any of these options.

To remove the Graph, click the Close (x) button at the top right.

#### *Download*

Download the data observations for the selected Series in CSV, XLS (Excel) or XML formats. For CSV and XLS formats, you also specify whether the data should be arranged by Columns or by Rows. Your web browser will prompt you for the name and location of the downloaded file.

*Note that CSV and XLS formats require all the selected Series to share the same frequency.*

### The Series Page

The Series Page is displayed when you click on any Series description in the corresponding Table Page.

- Links to the Database, Topic, Section and Table containing the Series appear at the top of the page.
- Links to the Previous and Next Series in the Table appear above a Graph of the Series.
- The Other Series dropdown list shows all of the Series in the current Table.

As well as a Graph of the Series, the page includes Information and Data panels.

#### *Data*

This panel shows all of the Series data observations, as well as the data expressed in terms of percentage changes and differences. The table is initially sorted with most recent observations at the top, but the data can be re-sorted by clicking on any column heading.

### Information

This panel shows all of the metadata for the Series, including such things as the Series description and units, number of observations, sample period, and date and time of last update.

### Workfiles

If you have logged into dXbrowse, you will be able to store Series in user Workfiles, and subsequently retrieve them for display.

When you first start using dXbrowse, you will have a single Workfile, named "Default", and containing a single Table, named "Unclassified".

### Accessing Workfiles

You can access your Workfiles from the Home Page using the Workfiles panel which appears beneath the list of Databases.

You can also access your Workfiles from the menu bar at the top of any page.

### Adding Series to a Workfile

If you are logged into dXbrowse, an Add to Workfile command button will appear on any Table Page. To add Series to a Workfile

- Select one or more Series using the check boxes at the left.
- Click Add to Workfile.
- Choose a Workfile name.
- Choose a Table name within that Workfile.

### The Workfile Page

The Workfile Page is similar to the Table Page except for the following:

- The Database containing each Series is listed within the table.
- Delete and New command buttons are included at the top of the table.

### Delete

Click this button to remove the selected Series from the Workfile Table. dXbrowse will ask for confirmation before performing the deletion.

### New

Click this button to add a new Table to this Workfile, or to add a new Workfile. dXbrowse will prompt for the name of the Table/Workfile to add.

### Registration

If you do not have a dXbrowse log in, you may register for one by clicking on the Register link in the menu bar. Follow the instructions on the Registration Page. After registering a user name you will be able to log into dXbrowse and utilise the Workfiles facility.