Read Me

The following sections describe important additions and changes to the standard EViews documentation.

Errata and Updated Documentation

Corrections and updates to the printed documentation are described in our errata sections:

- "Notable Documentation Updates" on page 3.
- "Errata and Updated Docs" on page 15.

Notable Documentation Updates

This section contains an overview of significant changes to the EViews 7 from the printed manuals, or errors in the printed documentation to which you should pay particular attention.

EViews 7.1 Update Features

EViews 7.1 is a free upgrade to EViews 7 offering important new features that greatly add to EViews functionality.

See "What's New in EViews 7.1" on page 1 of the *EViews 7.1 Supplement* for details.

- "EViews 7.1 Add-ins," on page 3.
- "EViews 7.1 Programming," on page 23.

Database Incompatibility

The file format of EViews databases has been modified for version 7 to add support for intraday frequencies and to increase the maximum size of an EViews database from 2GB to 64GB.

As a result, EViews 7 format databases are not compatible with and may not be read by previous versions of EViews.

EViews 7 does offer the ability to save your database in an EViews 6 compatible format using the new "desttype = eviews6" option of `dbcopy` (p. 229) (in the *Command and Programming Reference*). Alternately, you may use `dbcreate` (p. 231) with the "desttype = eviews6" to create the new EViews 6 format database, and then populate the database with data and objects as desired.

Bear in mind that some EViews 7 objects and data cannot be stored in a version 6 compatible database. Intraday data, for example, may not be written to an EViews 6 database.

New Matrix Functions

A number of matrix functions were added to EViews 7 after the manuals went to press.

These functions provide tools for unstacking a vector into a matrix, performing element comparisons, and returning matrix objects containing uniform and normal random numbers.

Unstack Vector Elements

Previously, the EViews `@vec` and `@vech` commands allowed users to stack the columns of a matrix or lower triangle of a sym matrix into a vector. The new `@unvec` and `@unvech` functions allow for the reverse operations where one unstacks the elements of a vector into a matrix or lower triangle of a sym matrix.

See `@unvec` (p. 526) and `@unvech` (p. 526) in the *Command and Programming Reference*.

Element Comparisons

The relational operators " > = ", " > ", " < = ", " < ", " < > " compare matrix objects by testing every pair of corresponding elements, and if *any pair* fails the test, returning the scalar value 0, otherwise returning the value 1.

Users are sometimes more interested in a matrix or vector of results for the comparison of element pairs. Obtaining these element comparisons in earlier versions of EViews was a relatively cumbersome operation, requiring the user to write a program to loop through each of the matrix elements.

EViews 7 now provides a set of functions for that return a matrix object containing the results of element comparisons:

@eeq, @eeqna	equal to / equal to (treating NAs as ordinary elements, not as missing values).
@eneq, @eneqna	not equal to / not equal to (treating NAs as ordinary elements, not as missing values).
@egt, @ege	greater than / greater than or equal.
@elt, @ele	less than / less than or equal.

For documentation on these and other element functions see "Matrix Element Functions" on page 489 of the *Command and Programming Reference*.

Random Numbers

To fill a matrix with normal or uniform random numbers, you may use the `rnd` or `nrnd` commands. Alternately, you may also use the `@mnrnd` and `@mrnd` functions to create, fill, and return a matrix in a single step.

See `@mnrnd` (p. 513), `@mrnd` (p. 514), `rnd` (p. 519), and `nrnd` (p. 515) in the *Command and Programming Reference*.

Reorder a Matrix using Ranks

The `@ranks` function may be used to obtain a ranking of observations in a series or vector. (See "Descriptive Statistics" on page 394 of the *Command and Programming Reference*.)

EViews 7 now offers functions which allow you to use a vector of ranks to reorder rows or columns of a matrix.

See `@capplyranks` (p. 491) and `@rapplyranks` (p. 518) in the *Command and Programming Reference*.

Importing Data

EViews provides easy-to-use tools for importing data into an existing workfile, matching observations between the source and destination as required. The source data may be available in any of a number of data formats, from one of the EViews supported foreign file formats (*i.e.*, Microsoft Excel, ASCII text, SPSS, SAS portable, Stata, *etc.*), to an EViews format workfile.

In previous versions of EViews, there were two main approaches to importing data from a foreign file into an existing workfile. You could either use the **Import/Read-Text-Lotus-Excel** dialogs or `read` command to import directly into your workfile, or you could use the **Open/Foreign File as workfile** dialogs or `wfopen` to create a new workfile, and then copy the data to your existing file.

Each of the previous methods has drawbacks:

- The **Import/Read-Text-Lotus-Excel** import method requires you to specify both the layout of your import data and the corresponding destination observations. Moreover, the method does not detect date or observation identifier information from the file, and therefore does not support frequency conversion or match-merging.
- The **Open** method allows only supports reading data into a *new* workfile or workfile page, so that using **Open** for import requires the creation of an intermediate workfile and copying from the intermediate file to the destination.

EViews 7 provides a new method of importing data from foreign file and EViews workfile formats into an existing workfile that combines the automation of the **Open** method with the directness of the **Read** method. With the exception of cases where the source file contains transposed data (*i.e.*, data arranged by row rather than by column), you should find the new **Import** tools to be far superior to either of the existing approaches.

Opening the Source File

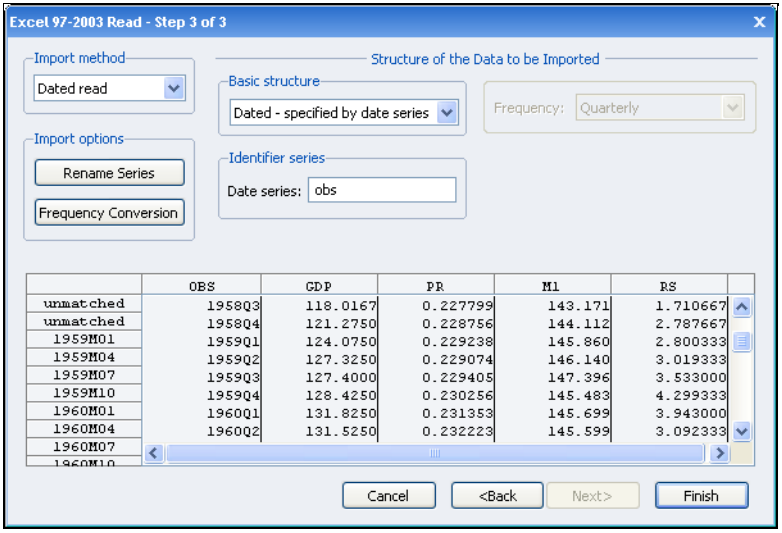
To use the new import tools, first, make certain that you have an open workfile to receive the contents of the data import and that the workfile window is active, then click on **File-Import/Import from File...** or click on the **Proc** menu of the workfile and select **Import from File...** In either case, EViews will display a standard file **Open** dialog.

Next, type the name of the file you wish to read (with full path information, if appropriate) or select a file type, navigate to the directory containing the file, and double click on the name. Click on the **Open** button to continue.

(Alternately, you may simply drag-and-drop the source file onto the open workfile window.)

EViews will open the file (automatically determining the file type, if possible, or interpreting the file as ASCII text, if not). Next, EViews may display a set of dialogs prompting you for information about the structure of the data you are reading. These dialogs are identical to those encountered when you opening a file as a new workfile (see "Creating a Workfile by Reading from a Foreign Data Source" on page 39 in *User's Guide I*). Fill out the dialogs appropriately, clicking on **Next** at each step.

Once you have described the file and data, EViews will display a dialog prompting you for details on how you wish to perform the import of data:



There are two parts to the import specification: the choice of import method and the setting of various import options.

In the top-left portion of the dialog is the **Import method** combo, which controls how the source data will be read into the existing workfile. The area to the right of the combo will change to show options associated with the currently selected method.

Directly below the **Import method** combo is the **Import options** section, which offers access to settings for renaming series and specifying frequency conversion methods. Additionally, depending on the precise form of your import, you may be presented with additional dialogs for resizing the destination workfile or choosing how to handle import name conflict.

The bottom portion of the dialog consists of an import preview display, which shows a sample of destination observations along with corresponding data from the source file. The preview will change along with your selected import method specification.

We discuss all of these settings and choices below.

Import Method

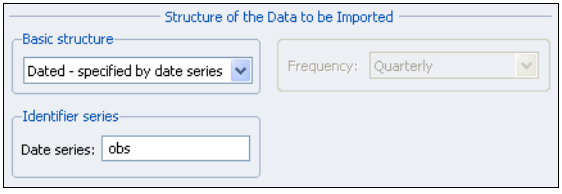
The central question in importing data is how to relate observations in the source file to observations in the destination workfile. The **Import method** combo at the top left of the dialog should be used to specify the desired method. Depending upon the structure of the destination workfile, you will be asked to select between four or five import methods: **Dated read** (only if destination workfile is dated), **Matched Read**, **Sequential Read**, **Append to end**, and **Create new page**.

Each method has a variety of associated settings, so we consider each in turn.

Dated Read

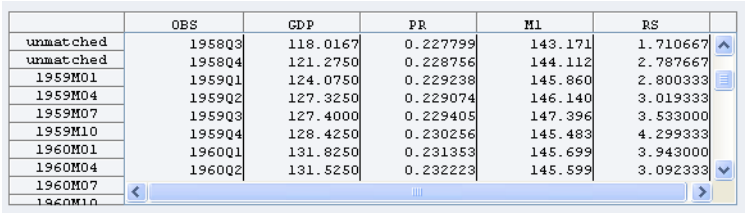
You may perform a dated read if the destination workfile is a dated (or panel dated)workfile. In a dated read, observations in the source file are matched by date to observations in the current workfile page, with frequency conversion performed if necessary. The concepts underlying dated reads are identical to those in creating links between two dated workfile pages, as outlined in "Linking by date with frequency conversion" on page 193 in *User's Guide I*.

To perform a dated read you must first specify the date structure of the source workfile. Accordingly, when you select **Dated read** in the **Import method** combo, the upper portion of the dialog will change to show you date settings for the data to be imported.



When the source file is first opened for dated read, EViews will attempt to identify a date series in the file (*i.e.* a column of data containing dates), and to determine the date frequency of those dates. If a source date series is located, the **Basic structure** combo will be set to **Dated - specified by date series** and the source name will be entered in the **Date series** edit field. If no date series is identified, the import file data structure will be set to match the destination.

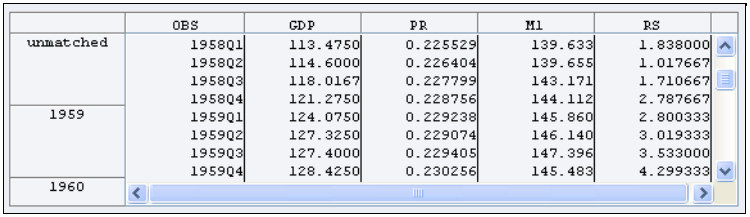
Altering the specified date structure changes the nature of the import since it affects the matching of observations between the source and destination. To aid you in visualizing the effect of this setting, the left-hand column of the data preview display updates with changes in the structure to show you the current date matching settings:



	OBS	GDP	PR	M1	RS
unmatched	1958Q3	118.0167	0.227799	143.171	1.710667
unmatched	1958Q4	121.2750	0.228756	144.112	2.787667
1959M01	1959Q1	124.0750	0.229238	145.860	2.800333
1959M04	1959Q2	127.3250	0.229074	146.140	3.019333
1959M07	1959Q3	127.4000	0.229405	147.396	3.533000
1959M10	1959Q4	128.4250	0.230256	145.483	4.299333
1960M01	1960Q1	131.8250	0.231353	145.699	3.943000
1960M04	1960Q2	131.5250	0.232223	145.599	3.092333
1960M07					
1960M10					

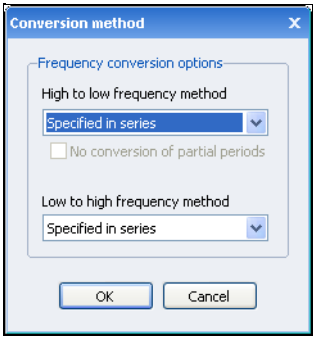
Here, we see that the source observation with OBS value 1959Q1 is matched with the workfile destination observation 1959M1 and that the source observation with OBS = 1959Q2 is matched with the destination observation 1959M4. Note that there are no matches for the source observation OBS = 1958Q4 since the destination workfile begins in 1959.

If we were instead importing into an annual file, the bottom portion of the display would change to



	OBS	GDP	PR	M1	RS
unmatched	1958Q1	113.4750	0.225529	139.633	1.838000
	1958Q2	114.6000	0.226404	139.655	1.017667
	1958Q3	118.0167	0.227799	143.171	1.710667
	1958Q4	121.2750	0.228756	144.112	2.787667
1959	1959Q1	124.0750	0.229238	145.860	2.800333
	1959Q2	127.3250	0.229074	146.140	3.019333
	1959Q3	127.4000	0.229405	147.396	3.533000
	1959Q4	128.4250	0.230256	145.483	4.299333
1960					

depicting the matching of quarterly observations in the source file with annual observations in the destination workfile.



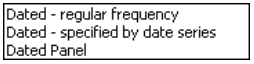
In both of these examples, importing of the data into the page requires frequency conversion. To control the frequency conversion method, you may click on the **Frequency Conversion button** on the left-hand side of the page to bring up the conversion settings.

As usual, you may control both the high-to-low and the low-to-high frequency conversion method. By default, EViews will use the method specified in the destination series (or the global defaults, if the destination series does not yet exist). When converting from high-to-low using a specific method such as Average observations, you will be given the option of selecting the **No conversion of partial periods** checkbox so that no conversion is allowed if there are missing data for a given low frequency period.

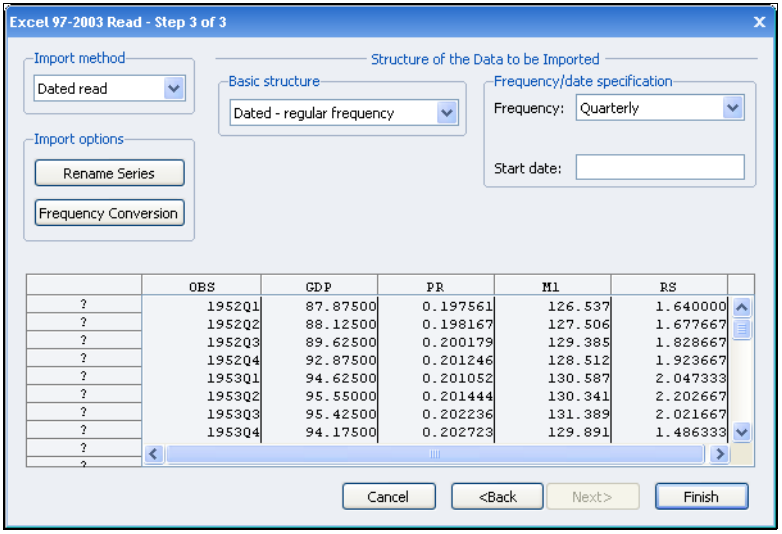
Click on **OK** to close the dialog and accept the conversion method.

In most cases, EViews will have correctly identified the date series so that the default settings will require no change. Click on the **Finish** button complete the import specification and instruct EViews to begin the import procedure.

You may, if desired, override the default EViews date specification settings by changing the **Basic structure** combo box setting to either **Dated - regular frequency** or **Dated panel**, and then using the dialog to specify the data frequency explicitly.

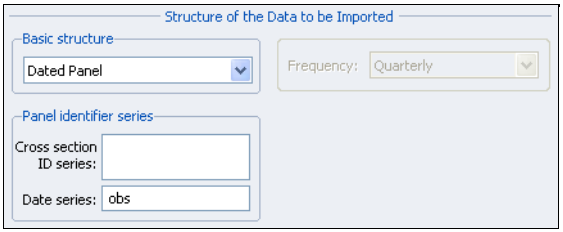


For example, if you select **Dated - regular frequency** in the **Basic structure** combo, the dialog changes to reflect the new settings:



Notice that EViews no longer shows the date series under **Basic structure**, instead prompting you to provide a **Frequency/date specification** using the **Frequency** combo box and the **Start date** edit field. EViews will assume that the source file has sequential observations of the given frequency beginning in the specified date.

Since we have not yet specified a **Start date**, the "?"s in the observation preview at the bottom of the dialog indicate that the observation matching is indeterminate. Once a start date is specified, the display will be updated to depict matching observations.

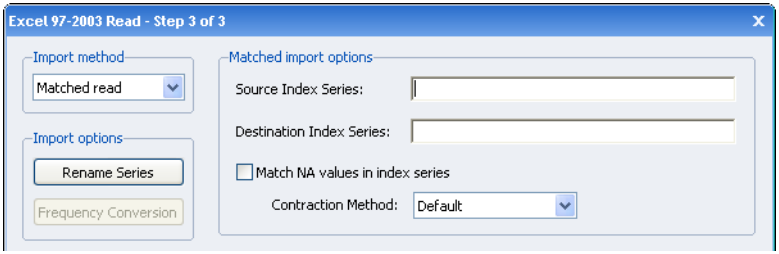


If the destination workfile is panel structured, you may instead choose **Dated Panel** in the **Basic structure** combo.

When **Dated Panel** is selected, the import structure section of the dialog changes, prompting you to specify a **Cross section ID series** and a **Date series**. If you continue with the import, EViews will perform the date and ID matching as specified.

Matched Read

The **Matched Read** method performs a general match-merge between the data in the source file and the current workfile page. The concept is outlined in detail in "Linking by general match merging" on page 184 in *User's Guide I*.



To perform a matched read import, change the **Import method** combo to **Matched read**, then specify the **Source Index Series** and corresponding **Destination Index Series** that will be used as define observation matches. In many cases, EViews will suggest likely values for the match indices determined by examining the contents of the source file and destination workfile.

Suppose for example, that your destination workfile has data on unemployment rates in each of the EU countries, you might have an identifying series called "COUNTRY" containing the country names. If you have a corresponding series in the source file, called "NATION," that also contains country names, then you would specify "NATION" as the source index, and "COUNTRY" as the destination index. Note that the observations in the source index need not be in the same order as they are in the destination.

In the simplest case, your index series will contain identical observation identifiers that can be used to match up the observations in the two files. If the matches are one-to-one or if there are multiple destination matches for every source observation (one-to-many), EViews will simply perform the merge in the obvious fashion, repeating source observations for every destination observation if necessary.

If, however, the matching is many-to-one so that there are multiple source observations for a given destination observation, EViews will contract the source data before performing the match merge. You may control the contraction method using the **Contraction Method** combo.

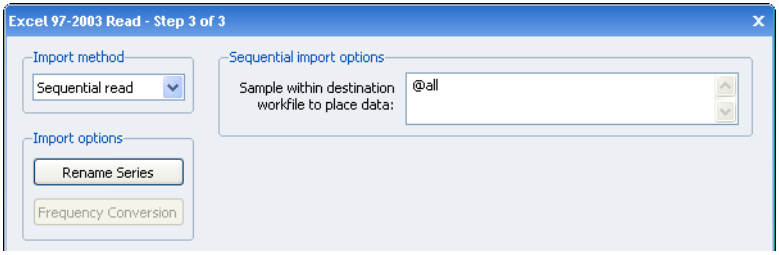
Suppose, for example, that your destination workfile contains a series COUNTRY containing the identifiers for "Mexico," "Canada," and "US", your source file contains U.S. state level data. You should enter COUNTRY as your **Destination Index Series** and indicate that your source should be matched with the "US" destination observation. (In the likely event that the source file does not have a COUNTRY series, you can create an auto-series by typing "US", with the quotes, in the **Source Index Series** box.) Note that in this case, the state level data must first be contracted (summarized) before it is matched to the "US" observation in the destination. To contract the source data by taking the sum of the states as a value for "US", you would set the **Contraction Method** to **Sum**.

The last dialog setting, **Match NA values in index series**, should be checked if you want to treat the NA value as a distinct category for purposes of defining matches.

The observation preview in the bottom of the dialog may be used to assess the validity of your source and destination index specifications.

Sequential Read

A sequential import uses no information on the structure of the source data, it simply places each observation in the source file into the corresponding observation of the destination workfile. Thus the first row of the source file will be placed in the first observation of the destination, the second row will be placed in the second observation, and so on.



For a sequential read, simply select **Sequential read** in the **Import method** combo. There is only one setting; you may specify a destination sample in which to place the data, so that the first observation of the source file will be placed into the first observation of the specified sample, the second source observation will be placed in the second sample observation, and so on.

As before, the observation preview in the bottom of the dialog may be used to preview the destination for some of the source observations.

Append to End

The **Append to end** import method appends each row of the source file to the end of the destination workfile. The existing workfile structure will be removed.

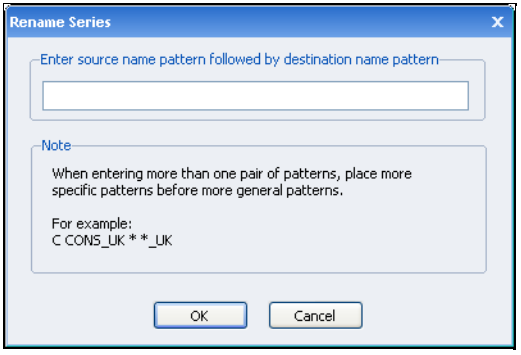
For example if your destination workfile is an annual file running from 1990 - 2000, and the source file contains 5 rows of data, the import will place the 5 rows of data at the end of the workfile, leaving you with an unstructured 16 observation workfile.

Create New Page

The **Create new page** method creates a new page in your workfile and reads the source file into that new page. This form of data import is identical selecting **Proc/Load workfile page...** in the workfile window or clicking on the **New Page** tab and selecting **Load workfile page...** For additional detail, see "Creating a Page by Loading a Workfile or Data Source" on page 63 in *User's Guide I*.

Import Options

The **Import options** sections of the dialog consists of two buttons: **Rename series** and **Frequency conversion**.



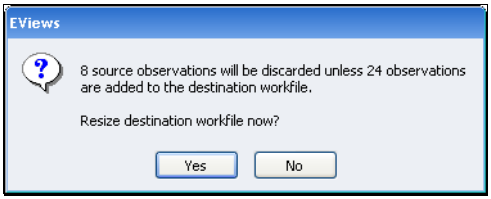
Pressing the **Rename series** button brings up a dialog that allows you to rename some of the imported series to different names. Renaming the series on import allows you to handle illegal input series names, and to avoid name conflicts with existing series.

The **Frequency conversion** button, which brings up a dialog that controls the high-to-low and low-to-high frequency conversion methods, is enabled whenever you are performing a dated import. See "Dated Read," on page 7 for discussion.

Import Workfile Resizing

When you import data from a source file that contains observations for which there are no destination workfile matches, EViews will prompt you to accommodate the data by resizing the destination.

If, for example, your original workfile has observations from 1990M01 to 1994M12 and you import quarterly data for 1990Q1 to 1996Q4, EViews will determine that there are no destination observations corresponding to the source observations for 1995Q1 to 1996Q4. When you proceed with the import, EViews will display a dialog informing you of this fact.



There are two ways to proceed. First, you may click on **Yes** to resize the destination workfile, adding 24 monthly observations for 1995 to 1996. The merge will then proceed using all of the data in the source.

Alternately, you may click on **No** to retain the original destination workfile range. In this case, the 8 observations in the source file for 1995Q1 to 1996Q4 will be discarded on import, and will not appear in the final destination workfile.

Import Name Conflict

If you select an import method that brings source data into the current workfile page, and the source file contains series with the same name as an existing series, EViews will display a dialog asking how you wish to handle the conflict.

You may choose to overwrite the existing series object (which will delete the existing series and replace it with the source data), to merge the two series, to rename the incoming series, or to cancel the import of the series. Clicking on the **All** button performs the corresponding operation for all cases where there is conflict.

If you choose to **Merge** the source and destination series, EViews will use the **Merge Options** combo settings to determine how to join the data:

- **Always use source** will overwrite the destination series values for all observations in the source file, *including observations where the source contains an NA*.
- **Prefer source** will overwrite the destination series views with those from the source file, *excluding observations where the source contains an NA*.
- **Prefer destination** will only overwrite an observation in the destination file if its existing value is an NA.

Note that whatever the merge settings, observations in the destination workfile that are not also in the source file will be unchanged.

Import Command

The `import` command offers command line support for all of the methods described above. See `import` (p. 267) in the *Command and Programming Reference*.

Errata and Updated Docs

The following contains a detailed list of errata and updated documentation for each manual, organized by chapter:

Some formatting and minor grammatical fixes are not included in this list. Changes in the documentation that reflect either notable additions to the printed documentation or changes in program behavior are labeled "(+)." Note that page numbers for the errata entry correspond to the page numbers in the printed version of the manuals.

These errata and updates are current as of April 2, 2010.

We will make changes in source documents to correct errors in the EViews manuals and help system as errors are found. As a result, these changes will be reflected in the current versions of both the EViews help system and in the PDF files provided with current shipping versions of the program.

Note that the changes listed here may or may not be present in the versions of EViews help and the PDF files that are currently on your system. The latest versions of these files may be downloaded from our website: http://www.eviews.com. You may compare the dates of the files on our website with those on your local system to see whether or not you have the latest versions by selecting **Help/About EViews** from the main EViews menu.

Getting Started

What's New in EViews 7

p. 16. (+) Add reference to updated documentation for new interactive tools for importing data into an existing workfile.

p. 25. (+) Add discussion of EViews 7 database incompatibility with earlier versions of EViews. Describe new command options for creating Version 6 compatible databases.

User's Guide I

Chapter 1. Introduction

p. 7. The cross-reference to the "Window Behavior" discussion incorrectly refers to *User's Guide II*. The material in question is on the specified page in *User's Guide I*.

Chapter 2. A Demonstration

p. 13. Correct the description of the folder in which you may find the demonstration data.

Chapter 5. Basic Data Handling

p. 81. In the second sentence under "Series", add the word "regularly" so that it reads "For series in regularly dated workfiles..."

p. 82. Delete the word "and" from the first sentence in "Column Widths" so that it reads "...over the column separator until the icon changes..."

p. 88. Add the word "displayed" in the first sentence under "Sorting a series" so that it reads "The data in a series may be displayed sorted by observation..."

p. 90. Change "RETURN" to "ENTER."

p. 101. (+) Add pointer to documentation for the new import tools.

Appendix A. Global Options

< none > Redo screenshots to show updated dialogs.

< none > (+) Add discussion of new Proxy Server option.

p. 624. (+) Add discussion of new option for controlling whether to spawn new EViews sessions or use existing sessions when using Windows to open an EViews associated file

p. 630. (+) Discuss new options for automatic tabbing and tab size.

p. 631. (+) Remove discussion of no-longer-supported global options for log mode setting.

p. 635. (+) Update graphics default dialog discussion to include the EViews 7.1 **Quick Fonts** tab for setting multiple fonts in a single step.

User's Guide II

Chapter 23. Specification and Diagnostic Tests

p. 192. The entry for Wooldridge (1990) was to the wrong reference material. The correct reference should be to Wooldridge, Jeffrey M. (1990). "A Note on the Lagrange Multi-

plier and F-statistics for Two Stage Least Squares Regression," *Economics Letters*, 34, 151-155.

p. 192. Add missing reference for Wooldridge (2000).

Chapter 26. Discrete and Limited Dependent Variable Models

p. 273. The first β in Equation 26.23 should only have one "^".

p. 300. The year for the Wooldridge reference should be changed to 1997 here and in the remainder of the chapter.

Chapter 27. Generalized Linear Models

p. 330. Add reference information for Wooldridge (1997). The year is also corrected in the remainder of the chapter.

Part VI. Advanced Univariate Analysis

p. 372. Remove extraneous sentence fragment "the estimation and analysis of."

Chapter 30. Univariate Time Series Analysis

p. 379. Remove "long-run covariance calculation" from the topics listed in the second sentence of the chapter. The material has been moved to "Chapter 12. Groups" and "Appendix E: Long-run Covariance Estimation."

Command and Programming Reference

Chapter 1. Object and Command Basics

p. 3. The first sentence under "Interactive Use" has a typo, and should read "The *command window* is located..."

Chapter 6. EViews Programming

p. 108. (+) Update the **Run** dialog discussion for EViews 7.1. Remove references to log message mode setting from the dialog.

p. 110. (+) Update the `run` command discussion for EViews 7.1 to note the existence of the `exec` command.

p. 135. (+) Update the discussion of using the `run` command with multiple program files to note the existence of the EViews 7.1 `exec` command.

Chapter 5. Strings and Dates

p. 78. Add discussion of new EViews 7.1 `otods` function.

Chapter 9. Command Reference

< none > We have changed all of the header entries for the individual commands from the generic "Commands" to be more descriptive. For example, the header for the `arch` command has been changed to "Interactive Use Commands", while the entry for `do` has been changed to "Command Actions".

< none > (+) A large number of command entries have been updated to indicate support for the "prompt" option to display dialogs in running programs.

p. 183. Add entry for the `data` command to the "Object Creation Commands" section of the command summaries.

p. 184. Add entry for the `delete` command to the "Object Container, Data and File Commands" section of the command summaries.

p. 187. Add entry for the `data` command to the "Interactive Use Commands" section of the command summaries.

p. 203. Fix syntax description for Johansen cointegration testing in `coint` to show specification of exogenous regressors.

p. 228. (+) Add table of allowable database types to the options in `dbcopy`. Add "desttype = " option to the `dbcopy` command, allowing for copying from an EViews database into a new database format.

p. 229. (+) Add table of allowable database types to the options in `dbcreate`.

p. 231. In the `dbopen` command, the correct keyword for RATS portable/Troll files should be "l" or "trl".

p. 233. The `delete` command now has an option "noerr" which indicates that the command should not error if the specified object does not exist.

p. 238. In the discussion of the second example in `factest`, add "which differs" so that the sentence fragment reads "which differs only in the fact that the former yields..."

p. 260. Add the optional cycle name argument to the syntax description of the Hodrick-Prescott command `hpf`.

p. 272. Add "type = rtf" option to the `logsave` command documentation.

p. 296. The `pagesave` command does not support the option keyword "excelml".

Chapter 10. Operator and Function Reference

< none > Add missing entries for `@max`, `@imax`, and `@imin`.

p. 390. Add discussion to the `@ranks` entry clarifying the use of options to specify tie handling.

p. 409. Add @ispanel function for determining whether a workfile is panel structured.

Chapter 11. Operator and Function Listing

< none > Add missing entries for `@max`, `@imax`, and `@imin`.

p. 417. Add @ispanel function for determining whether a workfile is panel structured.

Chapter 14. String and Date Function Reference

< none > Add entries for new EViews 7.1 functions `@otods`, `@stripcommas`, and `@xputnames`.

p. 463. Updated dross-references for `@stripparens` and `@stripquotes`.

Chapter 15. Matrix Language Reference

< none > (+) Add entries for new matrix functions and commands for unstacking vector elements (`@unvec`, `@unvech`), random numbers (`@mnrnd`, `@mrnd`, `nrnd`, `rnd`), matrix reordering using a rank vector (`@capplyranks`, `@rapplyranks`), and element comparison (`@eeq`, `@eeqna`, `@eneq`, `@eneqna`, `@egt`, `@ege`, `@elt`, `@ele`).

p. 500. Add example in the `@ones` entry for creating a sym matrix filled with ones.

Chapter 16. Programming Language Reference

< none > (+) Add entries for new EViews 7.1 `addin` and `exec` commands, and the `@addinspath`, `@hasoption`, `@hasequaloption`, and `@option` functions.

< none > (+) Add entries for new EViews 7.1 error handling commands and functions: `@clearerrs`, `@lasterrnum`, `@lasterrstr`, `@maxerrs`, `seterr`, `seterrcount`, `setmaxerrs`.

< none > (+) Add entries for new EViews 7.1 functions `@isvalidname`, `@makevalidname`, and `@getthistype`.

p. 514. Add cross-reference information for `@errorcount`.

p. 515. Update the cross-references in the `@evpath` entry.

p. 516. Add cross-reference information for `@fileexist` and `@getnextname`.

p. 517. Add cross-reference information for `@isobject`.

p. 522. Update the cross-references in the `@temppath` entry.

p. 525 (+) Modify the `@uidialog` entry to document the column break keyword `colbreak`.

p. 531. Add cross-reference information for `@wdir`.

Object Reference

Chapter 1. Object View and Procedure Reference

General

<none> (+) A number of object command entries have been updated to indicate support for the "prompt" option to display dialogs in running programs.

<none> (+) Most objects have new entries for the EViews 7.1 `display` view command.

<none> (+) Add `@detailedtype` data member to all objects.

Alpha

p. 32. Fix the `setjust` documentation to correctly only display horizontal formatting options.

Equation

<none> (+) Add data members `@bylist` and `@coeflist`.

p. 32. The `@varlist` data member description has a typo, with the keyword incorrect listed as "@varslist".

p. 51. Fix typo in the syntax statement for `cointreg`. Change keyword text from "coint" to "cointreg".

Group

p. 216. Add cross-references to information about moving data between group and matrix objects.

p. 221. Fix syntax description for Johansen cointegration testing in `coint` to show specification of exogenous regressors.

p. 261. Remove incorrect entry for `stom`. The correct entry is already included in "Chapter 15. Matrix Language Reference", in the *Command and Programming Reference*.

p. 262. Remove incorrect entry for `stomna`. The correct entry is already included in "Chapter 15. Matrix Language Reference", in the *Command and Programming Reference*.

Model

p. 315. The `@varlist` data member description has a typo, with the keyword incorrect listed as "@varslist".

p. 332. In `solve` entry add sentence and cross-reference indicating that stochastic solution options are documented in `model::stochastic`.

p. 333. In `solveopt` entry, add cross-reference indicating that stochastic solution options are documented in `model::stochastic`.

Spool

p. 481. The cross-references in the `Spool::width` command to `graphmode` and `tablemode` should indicate that these are spool object commands so they should read "`Spool::graphmode`" and "`Spool::tablemode`".

Series

p. 404. Add cross-references to information about moving data between series and vector objects.

p. 408. Add to `bpf` syntax description a sentence about using `show` to display the graph.

p. 422. Add to `hpf` syntax description a sentence about using `show` to display the graph.

p. 438. Fix the `setjust` documentation to correctly only display horizontal formatting options.

Svector

p. 514. The syntax description for the `svector` declaration command left out the optional argument for the length.

System

<*none*> (+) Add missing entries for the `correl` and `jbera` views.

Table

p. 578. Correct description of the scale size "s=" option of `save`. The scale size is specified in percentages, not in decimal fractions as originally documented.

Text

<*none*> (+) Add entries for `save` and `svector` procs.

Vector

p. 642. Clean up the `cov` entry to remove useless references to computing the correlation.

Chapter 2. Graph Creation Commands

p. 716. The first `xybar` example incorrectly reads "xyarea".

Chapter 3. Object Command Summary

p. 732. Add “equation” entry to the `coint` object command.

p. 732. Fix incorrect cross-reference page for `cointreg` command so that it points the object instead of the command.

p. 734. Add “string” and “svector” entries to the `label` object command.

p. 737. Remove extraneous “setlines” entry.

p. 738. Add entries for “string” and “svector” to the `sheet` object command.

p. 738. Add “svector” entry.