App A   Miscellaneous Operations

The Tree View, Data Exchange Chart, and Tier Pair Circle tabbed pages provide many operations for working with Transaction Analyzer models. You access these operations from the menu bar or from pop-up menus. Most operations are described in the appropriate parts of the documentation. The following topics describe operations not discussed elsewhere:

- File Menu

- Edit Menu

- View Menu (Common)

- View Menu (Tree View)

- View Menu (Tier Pair Circle)

- View Menu (Data Exchange Chart)

- Advanced Menu

- Windows Menu

- Help Menu

- Selection Pop-Up Menu

- Zoom Pop-Up Menu

File Menu

The following operations are accessed via the File menu.

- **Close**

  Closes the current model or file.

- **Exit**

  Exits the current program.

- **Manage Model Files**

  Includes the following operations:

  — **Delete Model File…**—Deletes selected model files.

  — **Add Model Directory**—Adds a directory to the mod_dirs (model directories) list. The selected directory (and sub-directories, if specified) is added to the mod_dirs preference, which specifies the list of available model files.

  — **Refresh Model Directories**—Updates the list of model files to match the model directories list. This might become necessary if you add or delete model files from the operating system command line while the program is running, causing the model directories' contents to become inaccurate.

- **Open Batch Analyzer Log…**

  Opens logs for Batch Analyzer operations.

- **Recent Files**

  Opens a file from a list of recently accessed files.

- **Save**

  Saves the current model or file.

- **Save As…**

  Saves the current model or file with a different name.

- **Trace File Info**

  Displays information about the packet trace files used to create the current Transaction Analyzer model (Tree View tabbed page only).

Related Topics

- *Miscellaneous Operations*

Edit Menu

The following operations are accessed via the Edit menu.

- **Exclude Others**

  Excludes unselected packets and messages from the current Transaction Analyzer model.

- **Exclude Selected Items**

  Excludes selected packets and messages from the current Transaction Analyzer model.

- **Filter Wizard…**

  Filters out any of the following from the current Transaction Analyzer model:

  — unidirectional connections

  — non-IP traffic

  — broadcast traffic

  — UDP traffic

  — first talker

- **Include All Excluded Tier Pairs**

  Includes all tier pairs that are currently excluded from the Transaction Analyzer model.

- **Include All Packets/Messages**

  Includes all packets and messages that are currently excluded from the Transaction Analyzer model.

- **Include Selected Items**

  Includes all selected packets and messages in the current Transaction Analyzer model.

- **Permanently Delete Excluded Items**

  Deletes all currently excluded packets and messages from the Transaction Analyzer model.

- **Permanently Delete Others**

  Deletes all unselected packets and messages from the Transaction Analyzer model.

- **Permanently Delete Selected Items**

  Deletes all selected packets and messages from the Transaction Analyzer model.

- **Preferences**

  Displays the Preferences Editor for searching, viewing, and editing preference settings.

- **Resynchronize Manually Merged Sets of Capture Files**

  Adjusts the time offset of packets in packet trace files.

  For more information, see Manual Merge (Synchronizing Packet Traces Manually).

Related Topics

- *Miscellaneous Operations*

View Menu (Common)

The following operations are accessed via the View menu in all Transaction Analyzer views (Tree View, Tier Pair Circle, and Data Exchange Chart).

- **Cascade**

  Arranges open panels in an overlapping pattern that ensures the title bar of each panel is visible.

- **Delete All Panels**

  Deletes all statistic panels.

- **Distribute**

  Arranges open panels in a grid, but does not resize them.

- **Embed Protocol Decode Viewer**

  Adds or removes a protocol decode viewer in the current Tree View, Tier Pair Circle, or Data Exchange Chart window. A checkmark indicates that the viewer currently is present.

- **Graph Statistics**

  Selects one or more statistics to be drawn in statistic panels.

- **Hide All**

  Hides all statistic panels.

- **Panels**

  Displays a list of all statistic panels. You can click a panel name to toggle its status between show (checkmark) and hide (no checkmark).

- **Show All**

  Draws any statistic panels previously hidden.

- **Tile**

  Redraws open panels to a uniform size and arranges them in a grid.

Related Topics

- *Miscellaneous Operations*

View Menu (Tree View)

The following operations are accessed via the View menu in the Tree View tabbed page.

- **Hide/Show TreeView Legend**

  Toggles the display of the application payload size legend that appears below the Tree Pane, Table Pane, and Timeline Pane.

- **Choose Table Columns…**

  Customizes the Table pane of the Tree View tabbed page. You can add and remove statistics in the table, as well as specify the display sequence for statistics.

- **Recalculate Summary Information**

  Recalculates and updates all summary information shown in the Tree View tabbed page. You should do this operation after adding, excluding, or deleting items in a task.

- **Time Scale**

  If the capture data for a Transaction Analyzer model includes absolute time stamps, you can configure the Transaction Analyzer window to show either relative times (offsets from time 0) or calendar times (based on the time stamps in one packet trace file). This setting determines the time values shown in the status bar, tooltips, Data Exchange Chart, and Protocol Decodes Viewer.

- **Visualization**

  Applies a different coloring and labeling scheme to the Tree View. You can apply different visualization schemes to highlight different types of information in a transaction.

  Some visualizations (such as HTTP) are configurable. To configure a visualization, select that visualization and then choose View > Visualization > Configure Current Visualization.

  Some visualizations are labeled "(example script)". You can find the scripts that implement these visualizations in `<op_dir>/sys/lib` and use them as a guide for writing custom visualizations.

Related Topics

- *Miscellaneous Operations*

- *Tree View*

View Menu (Tier Pair Circle)

The following operations are accessed via the View menu in the Tier Pair Circle window.

- **Box Titles**

  Toggles display of boxes around tier names in a Tier Pair Circle window. A checkmark indicates that the tier names currently are boxed.

- **Set Layout Type**

  Specifies whether the Tier Pair Circle displays in a circle or layout view. (See Circle and Layout View.) Use this operation after making changes that affect the layout (such as including/excluding tiers, or dragging tiers in the circle/layout pane).

- **Show Statistic**

  Specifies a statistic to be shown on the conversation arrows in a Tier Pair Circle window. (Use the Show Values operation to enable or disable display of statistic values.) This operation has the same effect as the Show statistic: pull-down menu located above the tier pair circle.

- **Show Tier Icons**

  Toggles display of icons representing tiers in a Tier Pair Circle window. (Tier names are always displayed.) A checkmark indicates that the tier icons currently are displayed.

- **Show Values**

  Toggles display of statistic values on conversation arrows in a Tier Pair Circle window. The particular statistic to be displayed is specified by either the Show Statistic operation or the Show statistic: pull-down menu (above the tier pair circle). A checkmark indicates that statistic values currently are displayed.

- **Zoom Out**

  Reverses the action of the Zoom to Rectangle operation or Zoom In button, providing a less-magnified view of the Tier Pair Circle. If you performed multiple zoom operations, you might need to choose Zoom Out (or click the Unzoom button) several times before the magnification approximates the original view.

- **Zoom to Rectangle**

  Lets you get a close-up (magnified) view of a Tier Pair Circle. You can apply this operation multiple times to provide an ever-closer view.

  When you choose Zoom to Rectangle from the View menu or click on the Zoom In button, the cursor changes to a bar that you can drag to define a rectangular-shaped region to be magnified.

  Use the Zoom Out operation or the Unzoom button to reverse this operation.

Related Topics

- *Miscellaneous Operations*

- *Tier Pair Circle*

View Menu (Data Exchange Chart)

The following operations are accessed via the View menu in the Data Exchange Chart window.

- **Packet Group Coarseness**

  Sets the threshold at which the Data Exchange Chart groups packet/message arrows into solid bars. A higher value results in fewer groups with more packets/messages; a lower value results in more groups with fewer packets/messages.

- **Set Visible Time Range**

  Sets the horizontal zoom level based on precise start-time and end-time values.

- **Show Ruler**

  Toggles the display of the delta-time axis ruler located above the Data Exchange Chart.

- **Show Tier Icons**

  Toggles display of tier icons with the tier names in a Data Exchange Chart. (Display of tier names can be controlled with the Show Tier Names operation.) A checkmark indicates that the tier icons are displayed.

- **Show Tier Names**

  Toggles display of tier names (and tier icons, depending on the Show Tier Icons operation) in a Data Exchange Chart window. A checkmark indicates that the tier names are displayed.

- **Split Groups**

  Divides each group horizontally into two groups, and uses arrows to indicate the proportion of packets/messages in each direction.

- **Visualization**

  Applies a different coloring and labeling scheme to the Data Exchange Chart. You can apply different visualization schemes to highlight different types of information in a transaction.

  Some visualizations (such as HTTP) are configurable. To configure a visualization, select that visualization and then choose View > Visualization > Configure Current Visualization.

  Some visualizations are labeled "(example script)". You can find the scripts that implement these visualizations in `<op_dir>/sys/lib` and use them as guides for writing custom visualizations. (Requires the AppTransaction Xpert Plus license.)

Related Topics

- *Miscellaneous Operations*

- *Data Exchange Chart*

Advanced Menu

The following operations are accessed via the Advanced menu.

- **Example Scripts**

  Displays a submenu of built-in scripts. Select a script from the submenu to run it.

- **New Icon Database…** / **Open Icon Database…**

  Opens a new/existing icon database. For more information, see Icon Database Editor.

Related Topics

- *Miscellaneous Operations*

Windows Menu

The following operations are accessed via the Windows menu.

- **Circulate Editors**

  Moves sequentially through open editor windows.

- **Float Toolbar**

  Toggles the toolbar between a fixed location (beneath the menu bar) and a floating window. A checkmark indicates that the toolbar is floating.

- **Hide Other Editors**

  Hides, but does not close or save, other editor windows.

- **Hide This Editor**

  Hides, but does not close or save, the current editor window.

- **Previous Editor**

  Makes the previously used editor the active window.

- **Show All Editors**

  Shows all previously hidden editors.

- **Show Toolbar**

  Toggles display of the toolbar. A checkmark indicates that the toolbar is displayed.

- **System**

  Makes the system window the active window.

Related Topics

- *Miscellaneous Operations*

Help Menu

The following operations are accessed via the Help menu.

- **<Editor> Documentation**

  Opens documentation about the current editor (Tier Pair Circle or Data Exchange Chart).

- **About This Application**

  Shows information about the program (including program and documentation versions), the workstation environment, and technical support.

- **Error Log**

  Opens/clears the error log.

- **Generate Support Info…**

  Creates an encrypted file that you can provide to technical support for diagnostic purposes. The file has a default extension of .info.

- **Product Documentation**

  Opens the product documentation.

- **Session Log**

  Opens/clears the session log.

- **Show All Logs…**

  Opens the log viewer with access to all available logs.

- **Tutorials**

  Opens the product tutorials.

- **Web – Knowledge Base**

  Opens your web browser to the Knowledge Base, where you can find answers to many support questions and issues.

- **Web – Riverbed Home**

  Opens your web browser to the Riverbed home page.

- **Web – Splash**

  Opens your web browser to Splash, Riverbed's user community for knowledge sharing and exchange.

- **Web – Support Website**

  Opens your web browser to the Support website, Riverbed's customer portal to log and track cases and engage with support engineers.

- **What's New in 17.0**

Opens the release notes for the current release in a web browser.

Related Topics

- *Miscellaneous Operations*

Selection Pop-Up Menu

The selection pop-up menu appears when you right-click on a selected packet, message, or group in a Tree View, Data Exchange Chart, or Tier Pair Circle tabbed page. This menu contains operations that affect only the items currently selected.

- **About Component**

  Displays detailed information about the selected packet, frame, or tier pair.

- **Exclude Others**

  Excludes all packets/messages except those selected.

- **Exclude Selection from Application Task**

  Excludes selected packets/messages from exchange.

- **Exclude Selected Items**

  Excludes selected packets/messages.

- **Permanently Delete Selected Items**

  Deletes selected packets/messages from exchange (cannot be undone).

Related Topics

- *Miscellaneous Operations*

Zoom Pop-Up Menu

The zoom pop-up menu appears when you right-click in the Data Exchange Chart workspace—that is, anywhere other than on a selected packet, message, or group.

- **Full Zoom**

  Sets the vertical and horizontal views to full zoom.

- **Previous Zoom**

  Returns to the previous zoom level.

- **Show All Tiers**

  Sets the vertical zoom so that all tiers are shown (horizontal zoom is unaffected).

- **Show Single Tier**

  Increases the vertical zoom to focus on the tier in which the cursor resides (horizontal zoom is unaffected).

- **Zoom In**

  Increases the horizontal zoom by 100%, centered at the cursor location.

- **Zoom Out**

  Returns to the previous zoom.

- **Zoom to Rectangle**

  Zooms to a user-specified region of the chart.

- **Zoom to Selection**

  Sets the vertical and horizontal zoom to focus on selected packets/messages. If none is selected, this operation is equivalent to the Zoom to Rectangle operation.

Related Topics

- *Miscellaneous Operations*