

**Introduction**

SpyGlass, the diagnostic utility, works with both WAN Links Frame Relay and WAN Links X.25. It consists of two functions. The first provides real-time monitoring of frame relay and X.25 lines. The second allows you to perform and analyze traces.

**SpyGlass Windows**

Diagnostic information is displayed in the following windows:

- The Active Statistics window displays statistics on events as they occur.
- The Capture window displays information on events that occur during traces.
- The Trace Analysis window displays analyzed trace information.

Navigating through Spy Glass is easy. Just keep the following in mind:

- To move from window to window, use the Window menu or CTRL + F6.
- To widen or narrow a window pane, pull on the seams that separate panes.
- To scroll within a pane, use scroll bars.
- To expose or hide subordinate items on the middle pane of the Trace Analysis window, click the + (plus) or - (minus) signs to the left of items.

To start SpyGlass, you can do one of the following:

- Double click the SpyGlass.exe file from the File Manager.
- Specify the correct path and then type **spyglass.exe** from the DOS prompt or Run Command Line.

To quit SpyGlass, select Exit from the File Menu.

**Starting Point**

This procedure assumes that you are viewing a SpyGlass window and that a trace is **not** under way.

**Procedure**

1. Select Data Source from the Capture menu.
2. Select the adapter and line to monitor.
3. Click OK.

**Starting Point**

This procedure assumes you are viewing the Active Statistics window.

**Procedure**

Select Clear Statistics from the Capture menu.

**Starting Point**

This procedure assumes you are viewing the Capture window and that a trace is **not** under way.

**Procedure**

1. Select Data Source from the Capture menu.
2. Select the adapter and line to trace.
3. Click OK.

**Starting Point**

This procedure assumes that you are viewing the Capture window and that the adapter and line to trace have been selected.

**Procedure**

- To start the trace, select Start from the Capture menu.
- To Stop the trace, do one of the following:
  - ⇒ To stop the trace and analyze the captured information, select Stop and View from the Capture menu.
  - ⇒ To simply stop the trace, select Stop from the Capture menu

**Note:** If you select Stop from the Capture menu and then decide to analyze trace results, reactivate the Capture window and select Display Captured Data from the Capture menu.



**Starting Point**

This procedure assumes that a trace is active.

**Procedure**

1. To interrupt the trace, select Pause from the Capture menu.
2. Repeat step 1 to resume the trace.

**Starting Point**

This procedure assumes that the Detail window is in view.

**Procedure**

1. Select Save or Save As from the File menu.
2. If you selected Save As in step 1, designate a file and click OK.

**Starting Point**

This procedure assumes that you are viewing a SpyGlass window.

**Procedure**

Either select the file from the File menu (if the file you want is displayed) or do the following:

1. Select Open from the File menu.
2. Choose the file to open.
3. Click OK.

**Starting Point**

This procedure assumes you are viewing the Trace Analysis window.

**Procedures**

- To locate and select a frame to analyze, scroll through the list of frames displayed in the upper pane of the window.
- To filter the type of information that is displayed in the Trace Analysis window, (1) Select Filter from the View menu. (2) Choose the type of frame to display.
- To analyze particular parts of traced frames (such as the frame header) use the items in the middle pane to select the part to analyze and the lower-pane to view a hexadecimal representation of that frame.

