

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.

