

Working with the Terminal Viewer

This chapter covers the following topics:

- Defining the Entire Screen Builder Server
 - Starting a Host Session
 - Working in a Terminal Emulation Screen
 - Transferring Data Using the Clipboard
 - Printing the Contents of a Terminal Emulation Screen
 - Defining Individual Session Settings
 - Using the Utilities
 - Terminating a Host Session
 - Quitting the Terminal Viewer
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Defining the Entire Screen Builder Server

The information in this section only applies to the standalone version of the Terminal Viewer.

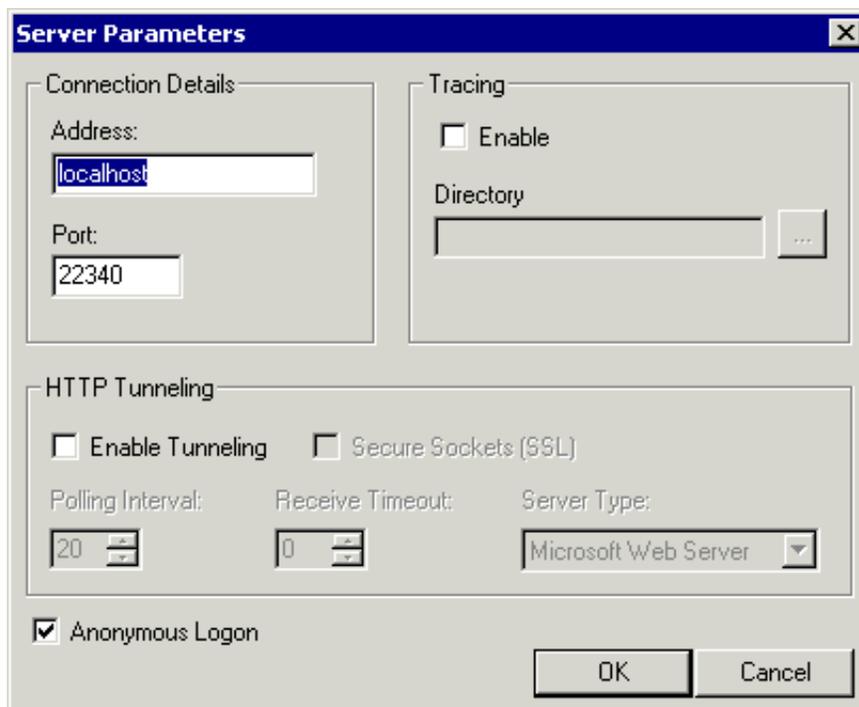
When you install the standalone version of the Terminal Viewer, a dialog box appears in which you have to specify the connection parameters for the machine on which the Entire Screen Builder Server is running. See the *Overview of Options* below.

After installation, it is possible to define different server parameters as described below.

▶ To modify the server parameters

1. From the **Session** menu, choose **Set Server**.

The Server Parameters dialog box appears.



2. Modify all required information as described in the *Overview of Options* below.
3. Choose the **OK** button.

The changed parameters are not used until you restart the standalone version of the Terminal Viewer.

4. Quit the standalone version of the Terminal Viewer and start it once more.

Overview of Options

Address

Specify the IP address or host name of the machine on which the Entire Screen Builder Server is running.

Port

Specify the administration port number (listen address) that has been defined in the System Management Hub. See *Character Terminals Module* in Entire Screen Builder's *System Management Hub* documentation.

Tracing

The values in this group box file are intended for problem analysis. They should only be used under supervision of your technical support.

Note:

This cannot be specified during installation.

HTTP Tunneling

A detailed description for the options in this group box can be found in the *Overview of Client Control Properties* which is part of the *User Exits* documentation.

Options in above dialog box	Property names for user exits
Enable Tunneling	UseHTTPTunneling
Secure Sockets (SSL)	SslConnection
Polling Interval	PollTimeout
Receive Timeout	ReceiveTimeout
Server Type	TunnelingType

Anonymous Logon

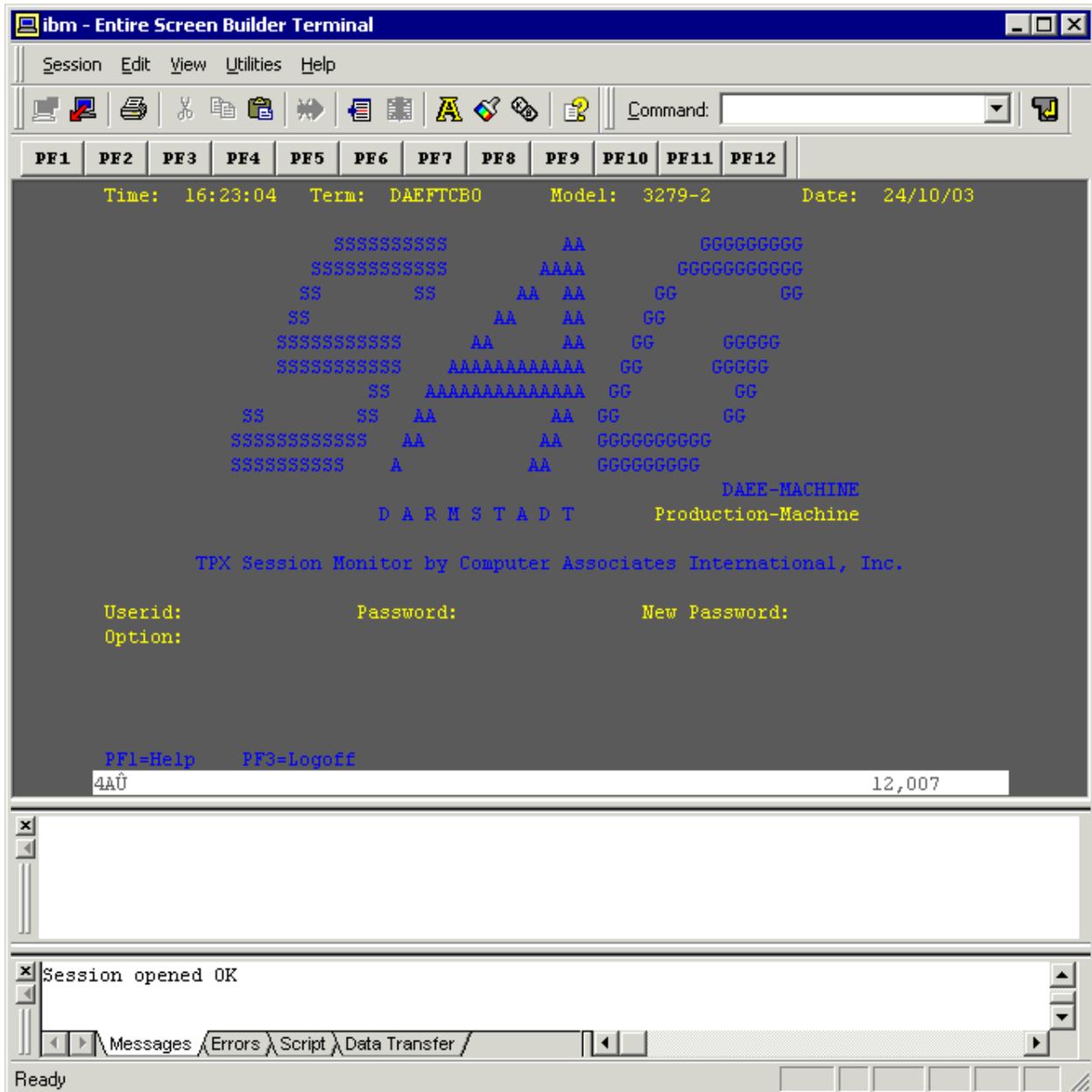
See the description of the property AnonymousLogon in the *User Exits* documentation.

Note:

This cannot be specified during installation.

Starting a Host Session

When you start a host session, terminal emulation is activated.



As long as the license limit has not been reached, you can work with several host sessions at the same time (by invoking the HTML page from which you can connect to the Terminal Viewer or the standalone version several times). The number of opened connections is compared with the number of users in the license file. For one communication method, several sessions can be open at the same time. Each host session is shown in a separate Terminal Viewer window.

So that communication is successfully established with the host environment, all required communication properties must be specified for the required session type. During communication with the host, the definitions in the session-specific properties are used. See *Host Sessions* in Entire Screen Builder's *System Management Hub* documentation for further information.

Messages from the host are shown in the status line of the terminal emulation screen (this is not the status line of the application window). The status line is located below the last line of a screen. For example, the status line for terminal model 2 is located in the 25th line.

The right corner of the status line in the terminal emulation screen is used to display the cursor position. Example: the value "23,011" indicates that the cursor is located in row 23 and column 11.

▶ To start a host session

1. From the **Session** menu, choose **Open**.

Or:

Press CTRL+O.

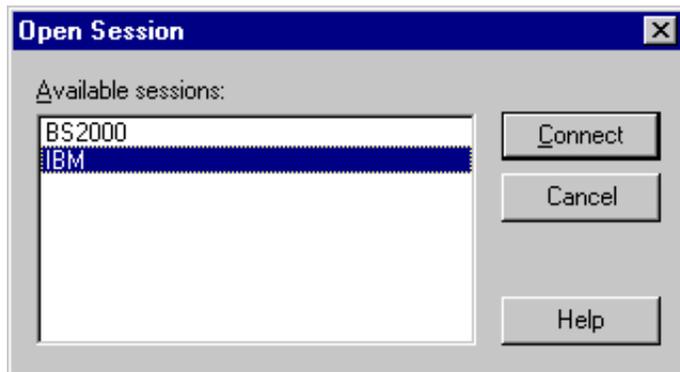
Or:

Choose the following toolbar button:



If only one session has been defined, this session is immediately started.

If more than one session has been defined, the Open Session dialog box appears and you must proceed as described below.



2. In the Open Session dialog box, select a session.
3. Choose the **Connect** button.

Note:

The default session defined in the user profile is automatically selected in the Open Session dialog box. See *Users* in Entire Screen Builder's *System Management Hub* documentation.

Working in a Terminal Emulation Screen

In a terminal emulation screen, you can use both mouse and keyboard. To change the cursor position, use the standard keys (e.g. TAB or the arrow keys) or the mouse. To use a host function key, press the terminal emulation key assigned to this function key. To simulate the ENTER key, double-click any position in the terminal emulation screen. Otherwise, you can use your keyboard to enter data as normal.

See also: *Terminal Emulation Keys* in Entire Screen Builder's *System Management Hub* documentation.

Transferring Data Using the Clipboard

Using the commands from the **Edit** menu, you can copy or cut a terminal emulation screen (or part of it) and paste it somewhere else (for example, in another terminal emulation screen or in a PC application such as Microsoft Word). You can also copy or cut text from a PC application and paste it in a terminal emulation screen. Cut or copied data is stored on the Windows clipboard.

You must first select the desired text before you can use the **Cut**, **Copy** or **Append Copy** command.

The following rules apply for a terminal emulation screen:

- You can only cut text from unprotected fields. If protected fields have been selected, they are copied.
- When you use the **Cut** or **Copy** command, the content of the clipboard is deleted and replaced with the new text. If you want to add data to the clipboard, you must use the **Append Copy** command.
- When you use the **Append Copy** command, the content of the clipboard is not deleted. The selected text is inserted behind already existing text on the clipboard. When you then choose the **Paste** command, the whole content of the clipboard is inserted at cursor position.
- You can only paste text into unprotected fields. If the field is not long enough, it is filled up to its maximum size and the remaining text is inserted in the next unprotected field(s). Example: the text to be pasted is "DISPLAY" and the cursor is located in a two character long input field. In this case, only the first two characters ("DI") are pasted into the input field.

Unless indicated otherwise, the left mouse button is always used. The *right* mouse button is used to select the **Edit** menu commands from a context menu.

To select part of a terminal emulation screen (mouse usage)

1. Move the mouse pointer to the beginning of the text you want to select.
2. Press and hold down the left mouse button.
3. Drag the mouse until all desired text is selected.
4. Release the mouse button.

This clears any previous selection. You can now cut, copy or append the selected text.

▶ **To select part of a terminal emulation screen (keyboard usage)**

1. Use the arrow keys to move the cursor to the beginning of the text you want to select.
2. Press and hold down SHIFT.
3. Use the arrow keys to select the desired text.
4. Release SHIFT.

This clears any previous selection. You can now cut, copy or append the selected text.

Note:

When holding down CTRL+SHIFT and then using the arrow keys, all text to the end of the line (with RIGHT-ARROW) or to the bottom of the screen (with DOWN-ARROW) is selected.

▶ **To select the entire content of the terminal emulation screen**

- From the **Edit** menu, choose **Select All**.

Or:

Press CTRL+A.

A box outline is shown around the terminal emulation screen.

You can now cut, copy or append the selected text.

▶ **To cancel the selection**

- Click another screen position.

Or:

When using the keyboard, just select another part of the terminal emulation screen as described above.

The previous selection is canceled.

▶ **To delete the selection in an unprotected field**

- From the **Edit** menu, choose **Clear**.

Or:

Press DEL.

The selection is deleted. It is not transferred to the clipboard.

▶ **To copy the selection and append it behind existing text in the clipboard**

- From the **Edit** menu, choose **Append Copy**.

The selection is copied to the clipboard and appended behind already existing text.

▶ To cut the selection and transfer it to the clipboard

- From the **Edit** menu, choose **Cut**.

Or:

Press CTRL+X.

Or:

Choose the following toolbar button:



The selection is deleted and transferred to the clipboard. Exception: protected fields are not deleted; they are copied.

▶ To copy the selection to the clipboard

- From the **Edit** menu, choose **Copy**.

Or:

Press CTRL+C.

Or:

Choose the following toolbar button:



▶ To paste the content of the clipboard into a terminal emulation screen

1. Move the cursor to the position at which the text is to be inserted.
2. From the **Edit** menu, choose **Paste**.

Or:

Press CTRL+V.

Or:

Choose the following toolbar button:



The content of the clipboard is inserted at cursor position.

▶ To enable block mode paste

- From the **Edit** menu, choose **Block Mode Paste**.

When block mode paste is enabled, a check mark is shown next to the **Block Mode Paste** command.

This feature is helpful when working with editors. When you select a block of text and paste it in the middle of a line, the block remains intact. The lines after the first line begin in the same column as the first line. When block mode paste is not enabled, the lines after the first line would start at the beginning of a line.

Printing the Contents of a Terminal Emulation Screen

You can print the contents of the terminal emulation screen on a printer that is defined under Windows.

▶ To setup another printer

- From the **Session** menu, choose **Print Setup**.

The Print Setup dialog box appears in which you can connect to another printer.

▶ To preview the screen to be printed

1. From the **Session** menu, choose **Print Preview**.

The print preview window appears.

2. Optionally: use the **Zoom In** and **Zoom Out** buttons to view the information in this window. Or choose the **Print** button to invoke the Print dialog box.
3. To return to the terminal emulation screen, choose the **Close** button.

▶ To print the screen contents

1. From the **Session** menu, choose **Print**.

Or:

Press CTRL+P.

Or:

Choose the following toolbar button:



The Print dialog box appears.

2. Choose the **OK** button to print the current screen.

You can also print directly from the application that is currently running on the host. You simply have to issue this application's print command.

See also: *Downloading Data Using a Dialog Box* in the *Data Transfer* documentation.

Defining Individual Session Settings

The following commands from the **Session** menu are explained in the *Individual Session Settings* documentation.

Command	See the following section
Font	<i>Modifying the Font for a Host Session</i>
Color	<i>Modifying the Color Scheme for a Host Session</i>
Key Scheme	<i>Modifying the Key Scheme for a Host Session</i>
P-Key	<i>Modifying the P-Key Scheme for a BS2000 Host Session</i>

Using the Utilities

The commands from the **Utilities** menu are explained in the *Utilities* documentation.

Command	See the following section
Script List	<i>Executing a Script File</i>
Unattended Workstation	<i>Unattended Workstation</i>
User Variables	<i>Defining User Variables</i>
Cancel Transfer	Exception: this is explained in the <i>Data Transfer</i> documentation. See <i>Aborting Data Transfer</i> .
Cancel Script	<i>Aborting or Terminating a Script File</i>
Lock/Unlock Session	<i>Locking the Current Session</i>

Terminating a Host Session

When you terminate a host session, the Terminal Viewer window remains open, displaying "No Session" in the title bar. If you want, you can then open another session.

▶ To terminate a host session

- From the **Session** menu, choose **Close**.

Or:

Choose the following toolbar button:



Quitting the Terminal Viewer

The settings in the **View** menu as well as position and size of the application window are stored in the local Windows registry. The next time, you start the Terminal Viewer, its application window is restored as it appeared when you last used it.

To quit the Terminal Viewer

- From the **Session** menu, choose **Exit**.

Or:

Choose **Close** from the Control menu.

Or:

Choose the corresponding standard button in the title bar.