

Modifying the Key Scheme for a Host Session

Using key schemes, you can assign host keys to your PC keyboard.

This chapter covers the following topics:

- Predefined Key Schemes
- Activating Another Key Scheme
- Modifying a Key Scheme
- Listing the Defined Keys

Predefined Key Schemes

Entire Screen Builder is installed with certain default assignments for supported host systems. The following key schemes are supplied:

Key Scheme	Description
as400keys	Layout for AS400 host systems.
bs2keys1	Default key scheme for sessions of type BS2000. Layout for Siemens BS2000 host systems.
natkeys1	Default key scheme for sessions of type Natural UNIX. Layout for Natural on UNIX and OpenVMS.
sagkeys1	Default key scheme for sessions of type Telnet TN3270. PC-style layout for 3270 host systems.
sagkeys2	IRMA-style layout for 3270 host systems.
VT220PC	Default key scheme for sessions of type Telnet VT. Layout for UNIX and OpenVMS VT220 host systems.

The administrator can define additional key schemes using the System Management Hub. See *Key Schemes* in Entire Screen Builder's *System Management Hub* documentation.

Activating Another Key Scheme

You can define another key scheme to be used for the current session.

If you logged on with your user ID, your new key definition is written to your user profile on the Entire Screen Builder Server. If you logged on as an anonymous user, it is written to the local Windows registry.

▶ To activate another key scheme

1. From the **Session** menu, choose **Key Scheme**.

Note:

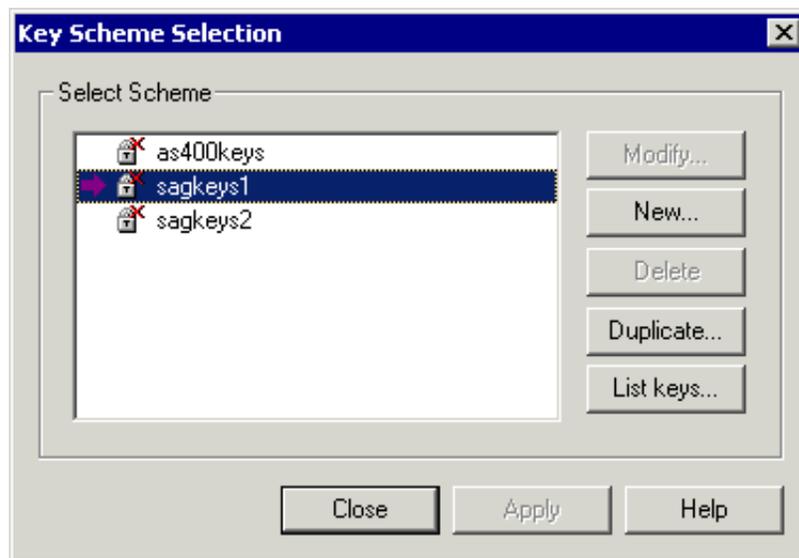
When working in embedded mode with the Web Viewer, the above command is available from the context menu which appears when you click the right mouse button.

Or:

Choose the following toolbar button (only available in the Terminal Viewer):



The Key Scheme Selection dialog box appears:



The dialog box lists all key schemes that are available for the currently connected session type (for example, Telnet TN3270).

The active key scheme is indicated by an arrow. When the lock symbol next to the key scheme name shows a green check mark, the key scheme can be modified. When it shows a red cross, it cannot be modified; it can only be duplicated in this case.

2. Select the key scheme you want to activate.
3. Choose the **Apply** button.

Command Buttons

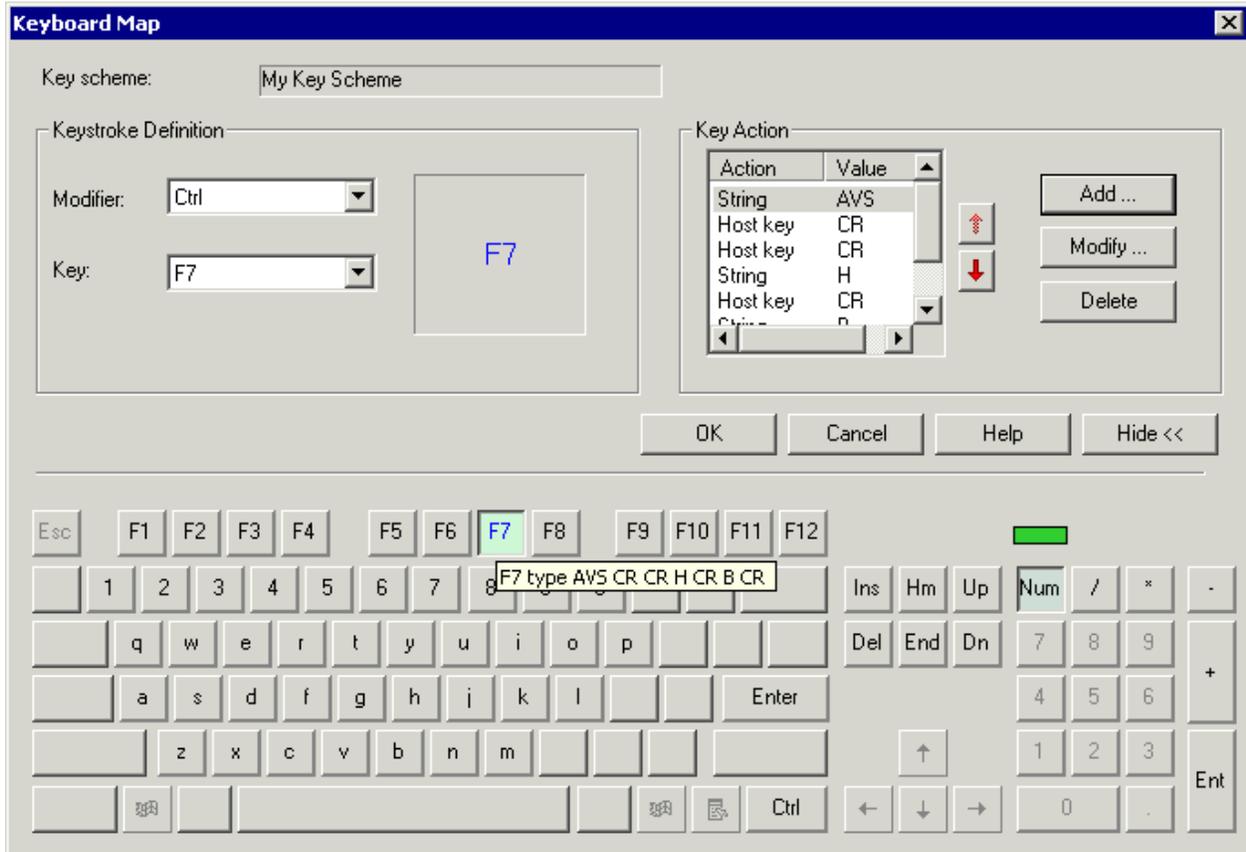
Besides activating another key scheme, you can also create, modify, delete or duplicate a key scheme. To do so, use one of the following command buttons in the Key Scheme Selection dialog box:

Modify	Modify the selected key scheme. You can only modify the key scheme which is currently active. If you select another key scheme, you are asked whether you want to make the selected key scheme active in order to continue.
New	Create a new key scheme. Specify a name for the new key scheme in the resulting dialog box and choose the OK button. You are then asked whether you want to make the new key scheme active in order to modify it.
Delete	Delete the selected key scheme. You are asked to confirm the deletion. Any session using the deleted key scheme will then use the key scheme that has been defined on the Entire Screen Builder Server for this type of session. The predefined key schemes cannot be deleted.
Duplicate	Create a copy of the selected key scheme. Specify a name for the copy in the resulting dialog box and choose the OK button. You are then asked whether you want to make the copy active in order to modify it.
List Keys	List the currently defined keys for the selected key scheme. It is possible to write the current key definitions to a file. See <i>Listing the Defined Keys</i> .

Modifying a Key Scheme

The Keyboard Map dialog box appears when you create, modify or duplicate a key scheme.

Using the **Hide** button, you can hide the keyboard in the lower part of the dialog box. The name of the command button then changes to **Show**. When you close the Keyboard Map dialog box using the **OK** button, the size of the dialog box is remembered.



The key scheme name can be up to 32 characters long and may contain blanks. It can only be specified when adding a new key scheme. Later, the name cannot be modified.

Different colors are used for the key names that are shown in the lower part of the dialog box:

Color	Meaning
Black	A key definition has not yet been assigned.
Blue	A key definition has already been assigned. To view the definition, select the key and then use the different options in the Modifier drop-down list box. When a definition has been assigned for a specific modifier, the corresponding actions and values are shown in the Key Action group box. When the defined actions and values are shown, a tooltip is provided when you move the mouse over the key.
Gray (dimmed)	The key is disabled. Therefore, a key definition cannot be assigned. Whether a key is disabled or not depends on the currently selected option button in the Modifier drop-down list box.

A key definition cannot be assigned to a key for which a name is not shown in the Keyboard Map dialog box.

The right CTRL key cannot be modified. This key corresponds to TEENTER.

▶ **To modify the key scheme**

1. In the lower part of the dialog box, select the key that is to be defined. Dimmed keys cannot be selected.

Important:

If another key is currently selected, deselect it. Otherwise, depending on the currently selected option in the **Modifier** drop-down list box, it may not be possible to select the required key.

Or:

Select the desired key from the **Key** drop-down list box. Using this drop-down list box it is possible to select a disabled key.

The name of the selected key is now shown in the Keystroke Definition group box. For example:



2. Select one of the following options from the **Modifier** drop-down list box:
 - **None**
The selected key is not used in combination with any other key.
 - **Shift**
The selected key is to be used in combination with the SHIFT key.
 - **Ctrl**
The selected key is to be used in combination with the CTRL key.
 - **Alt**
The selected key is to be used in combination with the ALT key.

If actions have already been defined for this key combination, the actions and corresponding values are shown in the Key Action group box.

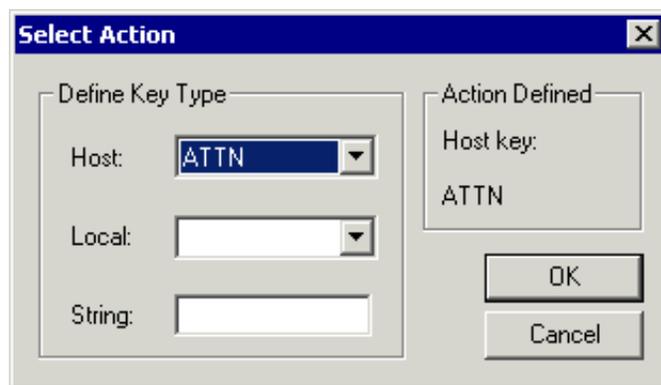
An action represents one key or string to be sent to the host. You can define several actions for each key combination. Thus you can define, for example, a logon sequence consisting of several steps that are executed by pressing a single key.

The following buttons are available in the Key Action group box:

Add	Add a new action. The Select Action dialog box appears (see below).
Modify	Modify the selected action. The Select Action dialog box appears (see below).
Delete	Delete the selected action. A dialog box appears in which you have to confirm the deletion of the action.
	Move the selected action up in the list.
	Move the selected action down in the list.

- To add a new action for a key that is not disabled, choose the **Add** button.

The Select Action dialog box appears:



- Define the action using *one* of the following options:

- **Host**

Select the key to be sent to the host (for example, CR).

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

- **Local**

Select the key for the function that is to be executed on the client (for example, the TAB key). The key is not sent to the host.

A local key cannot be used together with a host key and/or string. In this case, only one action can be defined. When another action has already been defined, it is not possible to select a key from the **Local** drop-down list box.

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

- **String**

Specify the string to be sent to the host.

The currently defined action is shown in the Action Defined group box.

5. Choose the **OK** button to close the Select Action dialog box.

An entry for the defined action is now shown in the Key Action group box.

6. To add more actions to the current key combination, proceed as described above for the **Add** button.
7. When you have defined all required keys, choose the **OK** button.

The key scheme is saved and the dialog box is closed.

Listing the Defined Keys

The following dialog box appears when you choose the **List Keys** button in the Key Scheme Selection dialog box. It lists the defined keys for the currently selected key scheme.



You can write the key definitions for the currently shown key scheme to a file or you can directly print them.

▶ To write the key definitions to a file

1. In the Defined Keys dialog box, choose the **Save** button.

The Save As dialog box appears.

2. Specify a file name.
3. Choose the **Save** button.

▶ To print key definitions

1. In the Defined Keys dialog box, choose the **Print** button.

The Print dialog box appears. You can print the key definitions on a printer defined under Windows.

2. Choose the **OK** button.

