

User's Guide

CL/SUPERSESSION®
CL/GATEWAY™

Version 147

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Candle Corporation
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Santa Monica, California 90404

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Preface

About this document

This guide is a general introduction to CL/SUPERSESSION® and CL/GATEWAY®. It is intended for users who have limited experience with mainframe computers, but can also help knowledgeable computer users who are becoming acquainted with the user interface Candle supplies for its single-session and multisession products.

Customer Support

Introduction

Candle provides electronic support and telephone support to assist you when you have questions about Candle products. Customer support is available 24 hours a day, seven days a week.

Electronic support

Candle Electronic Customer Support® (CECSSM) enables you to search for existing questions, answers, problems, and fixes; review preventive service planning (PSP) information; and open incidents for Candle products. CECS is available through the Advantis™ network and by direct PC dial-up. For registration information, call your nearest Candle Support Services office.

Telephone support

If you have an urgent problem or need to talk to a Candle Support Services representative, contact the Support Services office nearest you.

Office	Telephone	Fax
North America		
Santa Monica	(800) 328-1811 (310) 829-5844	(310) 582-4204
Europe		
Antwerp	(32) (3) 272-3606	(32) (3) 272-3607
Breda	(31) (76) 520.19.09	(31) (76) 520.19.19
Duesseldorf	(49) (21) 193-6920	(49) (21) 193-69220
Manchester	(44) 161 499 3503	(44) 161 437 5225
Munich	(49) 89 54 5540	(49) 89 54 5541-19
Paris	(33) (1) 5361 6000	(33) (1) 5361 0515
Sollentuna	(46) 8 623 1235	(46) 8 623 1855
Asia Pacific		
Hong Kong	(852) 2528 6289	(852) 2865 0770
Kuala Lumpur	(603) 230 9930	(603) 230 9932
Singapore	(65) 220 50 92	(65) 226 35 79
Sydney	(61) 2 9954 1500	(61) 2 9954 1818
Tokyo	(81) 3 5562-6991	(81) 3 5562-6995

International customers

When your local support office is unavailable, you may contact Candle's North America support center. If USADirect® service is available in your country, use the 800 telephone number. If USADirect service is not available, ask your international operator for assistance in calling Candle's local (310) number.

Incident information

A Candle support representative may request the following information when you call to report a problem:

- your Candle personal ID (PID) number
- the release level of the Candle product
- the release level of IBM® or other vendor software
- identifying information and dates of recently applied maintenance to the Candle product
- a detailed description of the problem (including the error message) and what led up to the failure
- a description of any unusual events that occurred before the problem

Incident documentation

You may be asked to send incident documentation to Candle Support Services. On the outside of the package, please write the incident number given to you by the Candle Support Services representative. Send your documentation addressed as follows:

Candle Support Team
Candle Support Center, *incident number*
2425 Olympic Boulevard
Santa Monica, California 90404

Documentation Conventions

Introduction

Candle documentation adheres to accepted typographical conventions for command syntax. Conventions specific to Candle documentation are discussed in the following sections.

Panels and figures

The panels and figures in this document are representations. Actual product panels may differ.

Revision bars

Revision bars (|) may appear in the left margin to identify new or updated material.

Variables and literals

In examples of command syntax, uppercase letters are actual values (literals) that the user should type; lowercase letters are used for variables that represent data supplied by the user. Default values are underscored.

LOGON APPLID(cccccccc)

In the above example, you type **LOGON APPLID** followed by an application identifier (represented by *ccccccc*) within parentheses. The application identifier can have at most eight characters.

Note: In ordinary text, variable names appear in italics.

Symbols

The following symbols may appear in command syntax.

Symbol	Usage
	<p>The 'or' symbol is used to denote a choice. Either the argument on the left or the argument on the right may be used. Example:</p> <p>YES NO</p> <p>In this example, YES or NO may be specified.</p>
[]	<p>Denotes optional arguments. Those arguments not enclosed in square brackets are required. Example:</p> <p>APPLDEST DEST [ALTDEST]</p> <p>In this example, DEST is a required argument and ALTDEST is optional.</p>
{ }	<p>Some documents use braces to denote required arguments, or to group arguments for clarity. Example:</p> <p>COMPARE {workload} - REPORT={SUMMARY HISTOGRAM}</p> <p>The <i>workload</i> variable is required. The REPORT keyword must be specified with a value of SUMMARY or HISTOGRAM.</p>
-	<p>Default values are underscored. Example:</p> <p>COPY infile outfile - [COMPRESS={<u>YES</u> NO}]</p> <p>In this example, the COMPRESS keyword is optional. If specified, the only valid values are YES or NO. If omitted, the default is YES.</p>
␣	<p>The symbol ␣ indicates a blank space, when needed for clarity.</p>

Documentation Set

Introduction

Candle provides a complete set of documentation for CL/SUPERSESSION and CL/GATEWAY. Each manual in this documentation set contains a specific type of information to help you use the product.

Candle welcomes your comments and suggestions for changes or additions to the documentation set. A user comment form, located at the back of each manual, provides simple instructions for communicating with Candle's Technical Documentation department.

Product documentation

The documentation listed in the following table is available for CL/SUPERSESSION and CL/GATEWAY. To order additional product manuals, contact your Candle Support Services representative.

Document Number	Document Name	Description
LS60-3779	Version 147 Release Guide	Contains new information for this release.
LS99-3783	Program Directory	Provides installation instructions and details all other installation considerations.
LS55-3785	Basic Configuration Guide	Provides basic instructions for customizing CL/SUPERSESSION and CL/GATEWAY to the specific needs of your network, system, and users.
LS51-3781	Customization Guide	Provides instructions and explanations for customizing CL/SUPERSESSION and CL/GATEWAY to the needs of your network, system, and users.
LS54-3786	User's Guide	Contains brief instructions on how to operate CL/SUPERSESSION and CL/GATEWAY.
LS99-3789	Operator's Guide	Describes the CT/Engine operator facility and commands used by CT/Engine, CL/SUPERSESSION, and CL/GATEWAY.

Table 1 (Page 2 of 2). CL/SUPERSESSSION and CL/GATEWAY Documentation		
Document Number	Document Name	Description
LS99-4225	Introduction to SSPL Dialogs	Introduces users to the Structured Session Procedure Language (SSPL); shows how to customize and use some simple dialogs written in SSPL.
LS99-3821	SSPL Programming Guide	Explains how to create your own dialogs with SSPL, using a sample application that creates and manages a table.
LS53-3787	Dialog Language Reference Manual	Contains comprehensive descriptions of all features of the SSPL dialog language.
LS57-3780	Problem Determination Guide	Contains instructions and documentation recommendations for locating and solving problems in CL products.
LS52-3788	Messages Manual	Lists and explains all CT/Engine, CL/SUPERSESSSION, and CL/GATEWAY messages and suggests appropriate user actions.
LVM99-4103	Quick Reference Card	Pocket-sized document that contains step-by-step instructions for using CL/SUPERSESSSION and CL/GATEWAY.
LS59-3801	Master Index	Contains a master index for all CL/SUPERSESSSION and CL/GATEWAY manuals that contain indexes.

CL/SUPERSESSION and CL/GATEWAY enable you to access various applications and systems immediately from a single 3270-compatible terminal. Your administrator has customized the menus and panels to suit your installation.

You can put CL/SUPERSESSION and CL/GATEWAY to work at your installation without using all the features discussed in this guide. Your administrator controls access to certain features, and some may not be available for your use.

This chapter summarizes the features of CL/SUPERSESSION and CL/GATEWAY, lists the differences between the two, identifies supported devices, and describes Common User Access™ (CUA™).

Features of CL/SUPERSESSION and CL/GATEWAY

CL/SUPERSESSION and CL/GATEWAY include these features:

- Easy-to-use menus and user interface including
 - action bar
 - pull-down menus
 - pop-up windows
 - session IDs organized by group
 - color formats on compatible terminals
 - keystroke reduction
- PC file transfer
- Context-sensitive help panels
- Menus and panels that can be individually customized
- Support for multiple national languages

Differences between CL/SUPERSESSION and CL/GATEWAY

CL/SUPERSESSION includes all the capabilities and features of CL/GATEWAY plus the following:

- multiple sessions
- background sessions
- screen image transmission to another terminal
- session screen printing
- triggers
- permanent selection list maintenance
- application cut and paste
- capability to view another user's sessions

In this document we identify functions that are available only to CL/SUPERSESSION users by including “(CL/SUPERSESSION)” in the heading or chapter title. For example, “Printing a Screen (CL/SUPERSESSION)” on page 37 indicates that this feature is not available to those who use CL/GATEWAY only.

Supported Devices

Candle supports IBM standard devices only. It is the responsibility of the hardware vendor to provide compatibility.

Common User Access (CUA)

CL/SUPERSESSION and CL/GATEWAY use Common User Access (CUA) standards for the design of panels and screens. CUA is a set of recommendations developed by IBM that standardize the appearance of panels and the use of function keys. IBM introduced CUA to improve ease of use and consistency among software products developed for PCs, minicomputers, and mainframes.

Chapter 2. Logging On and Logging Off

This chapter helps you start using CL/SUPERSESSION and CL/GATEWAY. It describes

1. logging on
2. features of the Main Menu
3. logging off

You can read this entire chapter to learn about the Main Menu, or you can begin using CL/SUPERSESSION and CL/GATEWAY immediately by following the logon procedure shown below and then skipping to “Using CL/SUPERSESSION and CL/GATEWAY” on page 33.

Logging onto CL/SUPERSESSION and CL/GATEWAY

Your administrator provides you with the logon process for your site. The typical logon process includes the CL/SUPERSESSION and CL/GATEWAY Entry Validation panel shown below.

```
KLGLGON1----- Entry Validation -----
Date: 09/30/97                               System: SYSA
Time: 17:39:01                               Device: TERM001

      Identification:
      Userid..... _____
      Password..... _____ Change Password ? N (Y or N)

      Additional Information:
      Group..... _____
      Acct..... _____
      Proc..... _____

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ENTER USERID
Enter F1=Help F3=Exit
```

Figure 1. Entry Validation Panel

To log on:

1. Type your user ID. (Optional, depending on your site.)
2. Type your password. (Optional, depending on your site.)
3. Complete Additional Information. (Optional, depending on your site.)
4. Press Enter. The Main Menu appears.

Now, you can do one of the following.

- Start a session. See “Using CL/SUPERSESSION and CL/GATEWAY” on page 33.
- Read a tutorial about CL/SUPERSESSION and CL/GATEWAY. Skip to “Help” on page 107.
- Learn more about the Main Menu. Continue reading the following sections.

Main Menu

A sample Main Menu is shown below. The numbers on the left side of the screen image below are line numbers for reference in the discussion that follows the figure and do not appear on your terminal.

```
01  ___  Actions  Options  Commands  Features  Help
02  -----
03                      CL/SUPERSESSION Main Menu                      More: +
04
05
06  Select sessions with a "/" or an action code.
07
08  Session ID  Description                                Type      Status
09  -----
10  -  TSOA      System A TSO                                           Multi
11  -  TSOB      System B TSO                                           Multi
12  -  VM        VM/SP                                                  Multi
13  -  CL/ENGINE Operator Facility                                    Multi
14
15
16
17
18
19
20
21
22
23  Command ==>                                           SYSA/L0046670
24  Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
```

Figure 2. CL/SUPERSESSION and CL/GATEWAY Main Menu

The fields on the Main Menu are defined below.

Line 01: Action Bar

The action bar is used to access CL/SUPERSESSION and CL/GATEWAY features. The first position, shown with an underscore in Figure 2 on page 20, is called the home position. For more about the action bar, see “Action Bar” on page 22.

Line 03 - 09: Panel Description

The panel description consists of a panel ID (KLSVSEL1 in Figure 2 on page 20) that may or may not be displayed, the title of the panel (CL/SUPERSESSION Main Menu in Figure 2), an explanation of how to use features described on the panel, and column headers. For a definition of the headers, see “Session Descriptions” on page 23.

Line 03: Scroll Indicator (More:)

The scroll indicator, when followed by a plus sign (+) or minus sign (-), indicates that more information can be displayed by scrolling forward or backward. Press F8 to move forward. Press F7 to move backward.

Line 10 - 13: Selection List

The selection list displays the session IDs that are provided by your administrator, and by you if you are authorized to add session IDs to the Main Menu. For a discussion of how to add a session, see “Adding a New Session to the Session List (CL/SUPERSESSION)” on page 44. For an explanation of the fields, see “Session Descriptions” on page 23.

Line 22: Message Line

The message line is the area above the command prompt. Warning messages, advisory messages, and error messages appear here.

Line 23: Command Prompt

The command prompt is the field where you type CL/SUPERSESSION or CL/GATEWAY commands. For a discussion of the command prompt, see “Command Prompt” on page 28.

Line 23: System ID and Terminal ID

The system ID and terminal ID are always displayed in the lower right corner of the Main Menu. You may need to

give these IDs to the help desk staff or data center staff if a problem occurs.

Line 24: Function Keys

The function keys that can be used on a menu or window are displayed on the bottom line of the menu or window. For a discussion of the common function keys, see “Function Keys” on page 24.

Action Bar

The action bar is the first line at the top of the Main Menu. The first field is the home position and is for selecting an item, called a choice, from the action bar. The five choices are *Actions*, *Options*, *Commands*, *Features*, and *Help*. Each choice has its own menu that enables you to do the following:

- Actions** Access the action codes applicable to the current panel. For more information on action codes, see “Using CL/SUPERSESSION and CL/GATEWAY” on page 33 and “Customizing the Selection List” on page 43.
- Options** Set preferences about terminal behavior, define triggers and window control options, and set and modify personal information. For more information, see “Using CL/SUPERSESSION and CL/GATEWAY” on page 33, “Managing Your System” on page 57, “Triggers (CL/SUPERSESSION)” on page 83, and “Windows (CL/SUPERSESSION)” on page 93.
- Commands** Regulate terminal features, display news and bulletins, and control session operation. For more information on commands, refer to “Commands” on page 63.
- Features** Copy screens within your application or from one application to another, send a message to another CL/SUPERSESSION or CL/GATEWAY user, and view another user's session. All Features are optional, and their availability is set by your administrator. For more information, see “Other CL/SUPERSESSION Features” on page 99, “Sending Messages to Other Users” on page 39, and “Viewing Sessions of Other Users (CL/SUPERSESSION)” on page 105.
- Help** Access online explanations for panels and fields. For more information, see “Help” on page 107.

Session Descriptions

A session is described on the Main Menu with the following information:

Session ID	A string of 1 to 8 characters that identifies the session to CL/SUPERSESSION and CL/GATEWAY.
Description	A description provided by you or your administrator.
Type	SINGLE, PASS, or MULTI depending upon your session profile and the CL products you have installed at your site. For a discussion of the Type field see, “Displaying Additional Session Information” on page 50.
Status	A description of the activity or state of the session. The status is updated regularly by the system. You can press F5 to display the most current status. Status can be: blank The application is available. Active You have a session established with this application. (Also referred to as a background session.) Current You have a session established with this application, and it is the session you most recently used. Quiesced The application is preparing to shut down and is not accepting logons. Unavailable The primary application is not accepting logons. You cannot start a session with the application unless your site has defined an alternate session. Undefined This session ID appears on your Main Menu but the application is not known to the network; perhaps the application has not been started. Unknown The primary application has not yet indicated whether it is available for use. A large amount of traffic may be delaying the response. Setup The VSM resources have been allocated but the logon is delayed. Stopped The application is momentarily not accepting logons.

Takedown The session with the application was ended and is in process of termination, or VTAM® is taking the application down or requested termination of the session.

Function Keys

Function keys are used to perform many tasks on CL/SUPERSESSSION and CL/GATEWAY. The keys and their uses are displayed at the bottom of each panel. Only the function keys that are available for a panel are displayed. For example, panels with data that may continue over several screens display the backward and forward function keys, F7 and F8, while single-screen panels do not.

The following keys are available from most panels:

- Enter** Causes CL/SUPERSESSSION and CL/GATEWAY to process the current panel and save the data typed in all fields.
- F1** Displays help for the current panel, window, or field.
- F2** In help screens, gives in-depth information on a panel, field, or function.
- F3** Exits the current panel.
- F4** Displays a list of valid selections for an input field. If there are only two valid selections, F4 toggles between the two.
- F5** Refreshes the current panel by clearing and updating it.
- F7** Scrolls backward if more lines exist than can be displayed on the current panel.
- F8** Scrolls forward if more lines exist than can be displayed on the current panel.
- F9** Retrieves the last command issued and re-enters it on the command line. By pressing F9 repeatedly, you can retrieve up to ten previous commands.

Resets a field with a value taken from the next higher profile. Profiles are described in “Profiles” on page 43. To reset a field, move the cursor to the field and press F9. If the value of the field is from the user profile, it is reset to the group profile value. If it is from the group profile, the field is reset with the value from the global profile. If the value is from the global profile, the field is unchanged.

- F10** Moves the cursor to the home position on the action bar.
- F12** Cancels the current panel and erases all changes and additions made in any of the fields since you last pressed Enter.

Attention Function

Multisession users can use the ATTN key or the PA1 key to perform the attention function. The key to choose depends on the type of terminal you use. See Table 2 if you have an SNA terminal; see Table 3 if you have a non-SNA terminal.

Table 2. SNA Terminals	
IF . . .	THEN . . .
you press ATTN once	you return to the Main Menu
you press ATTN twice	you return to the Main Menu, then to the active foreground session, and the attention function is passed to the application

Table 3. Non-SNA Terminals		
IF . . .	AND . . .	THEN . . .
you have an SNA virtual session	you press PA1 once (see Note below)	you return to the Main Menu
you have an SNA virtual session	you press PA1 twice (see Note below)	the attention function is passed to the application
you have a non-SNA virtual session	you press PA1 once (see Note below)	the attention function is passed to the application

Note: If the input-inhibited symbol (for example, **X-SYSTEM**) is displayed, you must press Reset before pressing PA1; otherwise the system ignores the input.

Since the virtual session defaults to non-SNA when you are using a non-SNA terminal, you can define a trigger that returns you to the Main Menu. (The trigger can be PA1 or another key or phrase.) See “Triggers (CL/SUPERSESSION)” on page 83 for information about triggers.

Note: If the terminal status line at the bottom of the screen displays an **X-system** or an **X-clock** symbol, you must use the terminal Reset key to clear the status before you can use any other keys.

Pull-down Menus

Each of the five choices on the action bar has a pull-down menu. Follow this procedure to display a pull-down menu:

1. On the action bar, type the capitalized letter of a choice in the home position or use the Tab key to move the cursor beside a choice.
2. Press Enter.

The pull-down menu is displayed.

For example, if you had selected Options from the action bar, the Product Options pull-down menu, shown in Figure 3, appears.

```
o  Actions Options Commands Features Help
-----+-----+-----
                Product Options
                Type a selection number or position the
                cursor on a line and press ENTER.
Select sessio
  Session ID
-----
  TSOA
  TSOB
  TSOC
  TSOD
  TSOB
  TSOX
  CL/ENGINE
                1. Trigger keys (T)...
                2. Preferences (P)...
                3. Personal information (I)...
                4. Window options (W)...
                Command ==>
                Enter F1=Help F12=Cancel
                ore: +

Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
                SYSA/KLST001
```

Figure 3. CL/SUPERSESSION and CL/GATEWAY Main Menu with Pull-down Menu

A pull-down menu provides a list of additional selections that you can make. You cannot enter data in or modify a pull-down menu. A pull-down menu overlays the underlying panel and partially hides it. Although part of the underlying panel is visible, its selections and entry fields are unavailable. If you move the cursor outside a pull-down menu and press a key, the cursor returns to the pull-down menu.

Pop-up Windows

Pop-up windows are small panels that overlay the base panel. You display a pop-up window when you choose a selection from a pull-down menu or enter a command at the Command Prompt field. Pop-up windows may prompt you for further selections, alert you to an error, or display help or security information. More than one pop-up window can be displayed at a time, and the windows can overlap each other.

When you select 1 from the Product Options pull-down menu, the Update Personal Options pop-up window appears.

```
o  Actions Options Commands Features Help
-----+-----+-----+-----+-----+
                                     Update Personal Options
                                     More: +
Select sessio
  Session ID
-----
  TSOA
  TSOB
  TSOC
  CL/ENGINE
                                     Change any of the following options, then
                                     press ENTER.
                                     Beep.....ON_ (ON or OFF)
                                     Panel ID's.....ON_ (ON or OFF)
                                     Message ID's.....ON_ (ON or OFF)
                                     Cursor selection.....ON_ (ON or OFF)
                                     Display menu by groups..OFF_ (ON or OFF)
                                     Confirm delete.....ON_ (ON or OFF)
                                     National Language.....EN
                                     Default printer name.. _____
                                     Initial dialog name... _____
                                     Command ==>
                                     Enter F1=Help F4=Prompt F12=Cancel
-----+-----+-----+-----+
Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
                                     SYSA/KLST001
```

Figure 4. Update Personal Options Pop-up Window

Pop-up windows and pull-down menus differ in these ways:

- A pull-down menu appears when you make an action bar selection, and a pop-up window does not.
- A pull-down menu contains only a selection list, whereas a pop-up window may contain data entry fields and messages.

Command Prompt

The Command prompt is displayed at the bottom of each menu, pull-down menu, or pop-up window. This field enables you to enter commands. Available commands vary from panel to panel. You can display a description of available commands for a panel by typing ? or Help in the Command field and pressing Enter, or by moving the cursor to the field and pressing F1. The Help for Commands panel is displayed as shown in Figure 5.

```

      Actions  Options  Commands  Features  Help
-----
                        CL/SUPERSESSION Main Menu                        More: +
Select sessions with a "/" or an action code.

Session ID  Description                                     Type      Status
-----
TSOA        System A TSO                                           Multi
TSOB        System B TSO                                           Multi      Undefined
TSOC        TSO/E SYSTEM C                                       Multi      Undefined
TSOD        TSO/E SYSTEM D                                       Multi
TSOG        TSO/E SYSTEM G                                       Multi

      +-----+
      | Help for Commands                               | More: +
      | You can enter a command on the command line   |
      | using its capitalized abbreviation. Commands  |
      | are listed below in alphabetical order.       |
      |                                               |
      | Add allows you to add sessions to your Session |
      | Selection Menu. If authorized by your CL products |
      | administrator you can fully define all characteristics |
      | of the session--Session ID, Application ID,   |
      | Description, Userdata, etc. If you are not authorized |
      | to define a session, the system displays a list of |
      |                                               |
      | Command ==>                                     |
      | Enter F1=Help F8=Fwd F12=Cancel                |
      +-----+
Command ==> ?
Enter F1=Help
  
```

Figure 5. Help Pop-up Window for Command Prompt

Commands are described in “Commands” on page 63.

Logging off CL/SUPERSESSION and CL/GATEWAY

To exit from CL/SUPERSESSION and CL/GATEWAY, follow these steps:

1. Press F3 from the Main Menu.

The Exit Menu appears with the cursor next to Exit (X).

```
Actions Options Commands Features Help
-----
CL/SUPERSESSION Main Menu                More: +

Select sessions with a "/" or an action code.

Session ID  Description                    Type      Status
-----
TSOA        System A TSO                           Multi
TSOB        System B TSO                           Multi
VM          VM/SP                                   Multi
CL/ENGINE   Operator Facility                      Multi

+-----+
|                         Exit Menu                         |
|                                                             |
| Type a selection number or position the                    |
| cursor on a line and press ENTER.                          |
|                                                             |
| - 1. Exit (X)                                              |
| - 2. Resume (R)                                           |
|                                                             |
| Command ==>                                              |
| Enter F1=Help F12=Cancel                                  |
|                                                             |
+-----+ wd F9=Retrieve F10=Action SYSA/KLST001
```

Figure 6. Exit Menu Pop-up Window

2. Press Enter.

You are returned to your previous environment.

If you change your mind about exiting:

1. Select **Resume** with the cursor.
2. Press Enter.

The Main Menu is displayed.

Saving Sessions When Exiting

If you have active sessions, and you are authorized to retain your active sessions, a different Exit Menu is displayed.

You can exit and leave the sessions active or terminate them. If you leave the sessions active, you can log on later and retrieve them if they are still active.

```

  Actions Options Commands Features Help
-----
                CL/SUPERSESSION Main Menu                More: +

Select sessions with a "/" or an action code.

  Session ID  Description                Type      Status
-----
  TSOA        System A TSO                Multi
  TSOB        System B TSO                Multi    Current
  VM          VM/SP                Multi
  CL/ENGINE   Operator Facility                Multi

+-----+
|                Exit Menu                |
|                                          |
|  Type a selection number or position the |
|  cursor on a line and press ENTER.      |
|                                          |
|  - 1. Exit and terminate sessions (X)   |
|  - 2. Exit and do not terminate sessions (N) |
|    3. Resume (R)                        |
|                                          |
|  Command ==>                            |
|  Enter  F1=Help  F12=Cancel              |
+-----+
wd  F9=Retrieve  F10=Action
SYSA/KLST001
```

Figure 7. Exit Menu Pop-up Window - Active Sessions

To exit and terminate all sessions:

1. On the Exit Menu, move the cursor to the Exit and terminate sessions field.
2. Press Enter.

All sessions are terminated, and you are returned to your previous environment.

To exit and leave your sessions active:

1. Move the cursor to the Exit and do not terminate sessions field.
2. Press Enter.

Sessions remain active and you are returned to your previous environment.

Quick Exit

To bypass the Exit Menu, type **X1** or **XX** at the Command line of the Main Menu. This method provides no opportunity to resume.

Chapter 3. Using CL/SUPERSESSION and CL/GATEWAY

This chapter describes how to start and end sessions, display help for a session, print a screen, transmit a screen image, and send messages to other users of CL/SUPERSESSION and CL/GATEWAY.

To begin using sessions listed on your Main Menu:

1. Move the cursor to the session ID you want.
2. Type /.
3. Press Enter.

The Action Code Menu, overlaying the Main Menu, is displayed.

```

      Actions Options Commands Features Help
-----+-----+-----+-----+-----+
      Action Code Menu
      enu      More:  +
      Sele    Select an action for session "TSOA"
              and then press ENTER.
      S      - S begin or resume a session
      -      T terminate the session
      /      T B begin a background session
      C      P print the screen image
      S      X transmit the screen image
      S      H help for the application
      S      I display additional information
      T      D delete the session from the menu
      V      M modify the session definition
      V      L add from Global session list
              A add a session

      Command ==>
      Enter F1=Help F12=Cancel

-----+-----+-----+-----+
      Command ==>
      Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
                                                    SYSA/KLST001
```

Figure 8. Action Code Pull-down Menu

4. On the Action Code Menu, move the cursor to the action you want to perform.
5. Press Enter.

Depending on your selection, control passes to an application or environment, or a pop-up window is displayed.

The Action Code Menu lists all the actions that you can perform on a session. This chapter describes the first 6 actions on the Action Code Menu: S (start), T (terminate), B (background), P (print), X (transmit), and H (help).

The other actions are described in “Customizing the Selection List” on page 43.

Fast Pathing

To save steps, you can bypass the pull-down menus from the action bar.

Bypassing the Actions Pull-down Menu

To bypass the Actions pull-down menu:

1. Instead of typing / beside the session ID, type the code that appears on the Action Menu, such as **S** to begin or resume a session.
2. Press Enter.

Depending on the action code you entered, control passes to the application or environment that you selected or a pop-up window is displayed.

Bypassing Pull-down Menus

To bypass the other pull-down menus:

1. At the home position of the action bar, type the capitalized abbreviation of a choice and the capitalized abbreviation of the item that you want from that choice's pull-down menu.
2. Press Enter.

For example, typing OP in the home position displays the Update Personal Options pop-up window. The O stands for Options and the P stands for Preferences.

Starting a Session

Two kinds of sessions can be started with the action codes: a foreground session and a background session.

Starting a Foreground Session

A foreground session is your current session. While it runs at your terminal, it displays messages and accepts information that you type at the keyboard.

To start or resume a foreground session, do one of the following:

- Type **S** beside the session ID on the Main Menu, and press Enter.
- At the Command prompt, type **S** and the session ID, and press Enter.

Control passes to the application or environment that you selected.

Starting a Background Session (CL/SUPERSESSION)

A background session is an active session that is not currently displayed on your screen. If the background session is an application, it cannot receive characters typed on your keyboard or display messages until you make it the current session by selecting it with an **S** from the Main Menu.

To start a background session:

1. On the Main Menu, move the cursor next to the session ID that you want to run in the background.
2. Type **B**.
3. Press Enter.

Session status changes from blank to Active. The following message appears in the message area above the Command line:

CS006 Background session(s) started.

Terminating a Session

This action enables you to end one or more active sessions without logging off CL/SUPERSESSION or CL/GATEWAY. The Terminate command, described in “Commands” on page 63, performs the same function, but for all, not individual, sessions.

To terminate a session:

1. Move the cursor next to the session ID to be terminated.
2. Type **T**. If you want to terminate other sessions, type **T** next to the other session IDs.
3. Press Enter.

Session status changes from Current or Active to a blank. The following message appears above the command line:

CS009 Session(s) terminated.

Note: Session status may change to Takedown to indicate that termination is still in process. Press F5 to refresh the Main Menu. When status changes to blank, the application is available.

Help for a Session

This action displays information about an application, if help is available.

To display help:

1. Move the cursor to the session ID on the Main Menu.
2. Type **H**.
3. Press Enter.

A panel of information is displayed.

4. Press F12 to return to the Main Menu.

Printing a Screen (CL/SUPERSESSSION)

This action enables you to print a screen image from an active application session. (The trigger @p, described in “Triggers (CL/SUPERSESSSION)” on page 83, performs the same function.)

1. Use a trigger, such as \m, to return to the Main Menu. On SNA terminals, you may also use the ATTN key.
2. Move the cursor next to the session ID that has the screen image you want to print.

Note: The session must be active.

3. Type P.
4. Press Enter.
5. The Print Screen window appears.

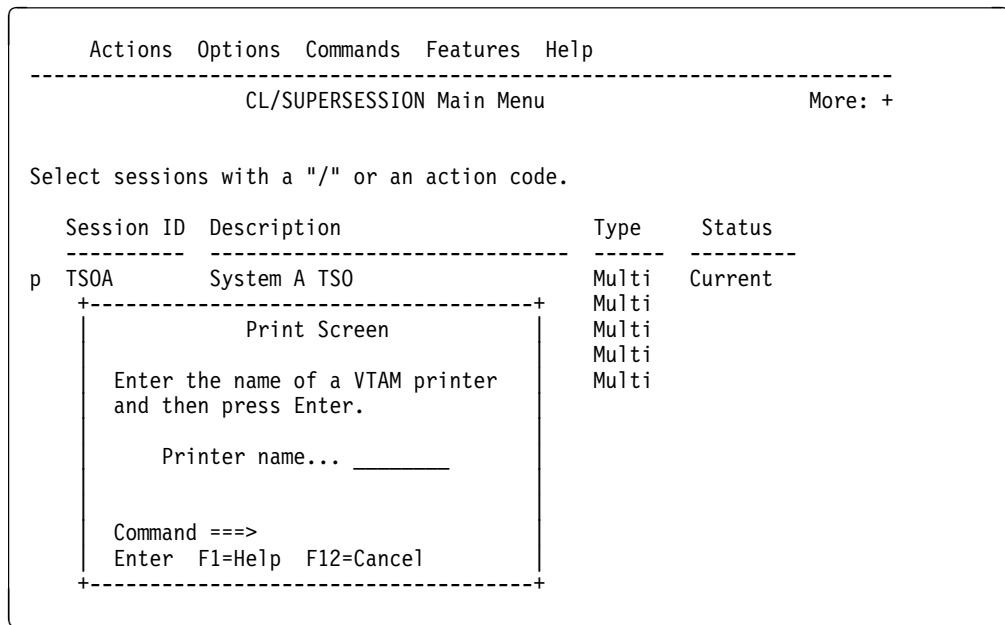


Figure 9. Print Screen Pop-up Window

6. In the Printer name field, type the name of the printer, as defined by your administrator, and press Enter.

The Print Screen pop-up message window appears as shown in Figure 10 on page 38.

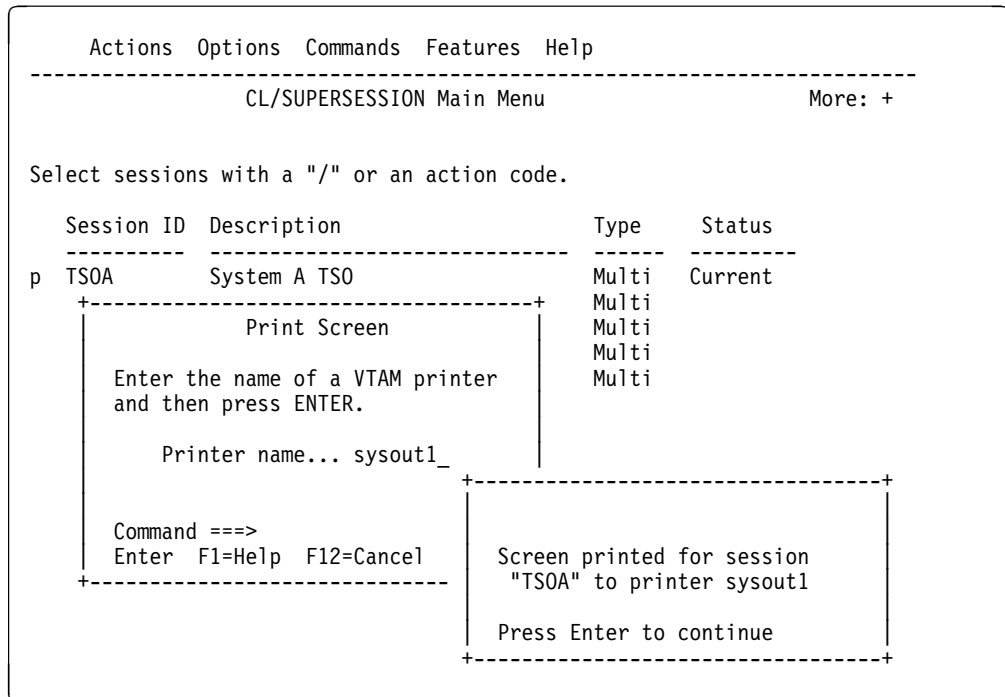


Figure 10. Print Screen Pop-up Message Window

7. Press Enter to return to the Main Menu.

Transmitting a Screen (CL/SUPERSESSION)

This action enables you to send a copy of an application screen to another CL/SUPERSESSION user.

1. Use a trigger, such as \m, to return to the Main Menu. On SNA terminals, you may also use the ATTN key.
2. Move the cursor next to the session ID that has the screen image you want to send.
3. Type X.
4. Press Enter.

The following Transmit Screen Image pop-up window appears:

```

+-----+
|                               |
|             Transmit Screen Image             |
|                               |
| Transmit screen for <session ID>                |
| to _____                                |
| Additional comments                          |
| _____                                   |
| _____                                   |
| _____                                   |
|                               |
| Command ==>                                  |
| Enter F1=Help  F2=Clear  F12=Cancel          |
|                               |
+-----+

```

Figure 11. Transmit Screen Image Pop-up Window

5. Type the recipient's user ID in the **to** field.
6. Under Additional comments, type the information that you want to accompany the screen image.
7. Press Enter.

The following message appears:

CG006 Message sent

8. To send the screen image to another user, repeat the procedure.
9. To return to the Main Menu, press F12. The Main Menu appears.

Sending Messages to Other Users

You can send messages to another user of CL/SUPERSESSION or CL/GATEWAY, if you are authorized by your administrator. The recipient must be logged on to receive your message.

1. At the home position on the Main Menu, type **FM**.
F stands for Features and M stands for Send Messages.
2. Press Enter.
The Send Message pop-up window appears.

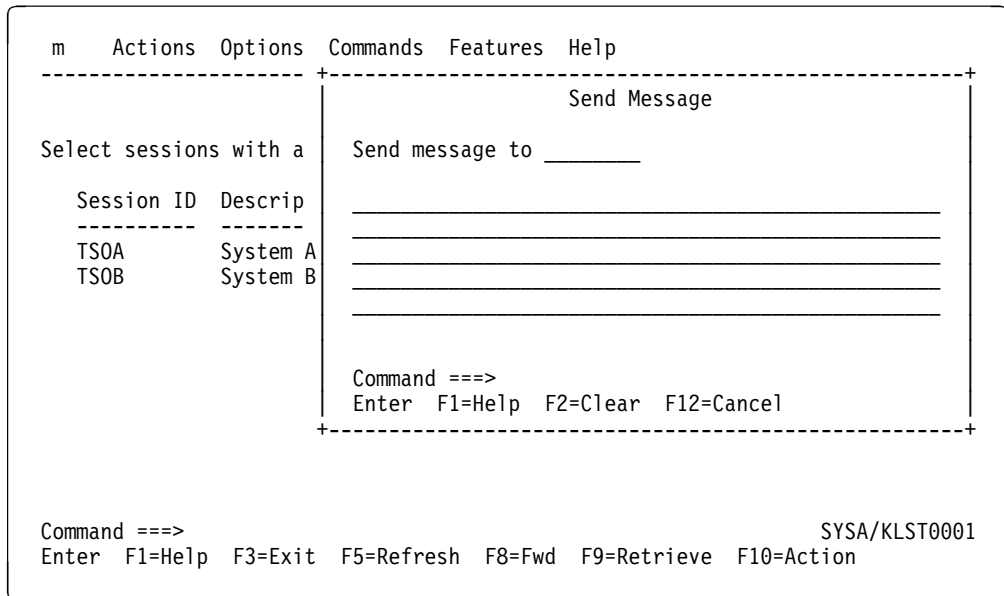


Figure 12. Send Message Pop-up Window

3. Type the user ID of the message recipient in the field called Send message to.
4. Type the message in the blank area below that field.
5. Press Enter.

This message appears on the bottom of the pop-up window:

CG006 Message sent

The following pop-up window appears on the recipient's screen:



Figure 13. Message from <user ID> Pop-up Window

6. To send a reply, the recipient types a message in the area beneath the words Send message to <user ID>, then presses Enter. The Message from <user ID> pop-up window appears on your screen.
7. Repeat these steps to continue to send messages or press F12 to cancel the function.
8. Press F12 again to return to the Main Menu.

Chapter 4. Customizing the Selection List

You can add, delete, and modify the session IDs on the Main Menu (if you are authorized) and display information about them. These activities are described in this chapter. First, several terms are explained to help you understand how to define a session ID.

Terminology

These terms appear on CL/SUPERSESSION and CL/GATEWAY menus and panels and in the explanations of defining a session ID.

Profiles

Your administrator uses profiles to authorize the use of the features of CL/SUPERSESSION and CL/GATEWAY and to customize the appearance and function of the panels. The three types of profiles are: global, group, and user. The *global profile* applies to everyone who uses CL/SUPERSESSION and CL/GATEWAY. The *group profile* places users who need to do the same tasks or have the same authorizations into a group. The group profile overrides the global profile. Individual users who need unique privileges or ways of processing are identified in a user profile. The *user profile* overrides the group profile and the global profile. Ask your administrator for the details of your profiles.

Virtual Terminal

The terminal you use to log onto CL/SUPERSESSION and CL/GATEWAY is your physical terminal. When you start one or more sessions, CL/SUPERSESSION uses an internal representation of a physical terminal. These session-specific terminals are referred to as *virtual* terminals.

Dialog

A dialog is a set of instructions that performs a function such as printing a screen or displaying the Main Menu. Several dialogs are supplied with CL/SUPERSESSION such as the dialogs that are executed when you use a trigger. Dialogs can also be written especially for your site by your administrator.

APPLDEF

APPLDEF is a command in CL/SUPERSESSION and CL/GATEWAY that your administrator uses to define a session ID so that it can be listed on your Main Menu. Using APPLDEF is similar to using the Add a Session to the Menu pop-up window.

APPLIST

APPLIST is a command in CL/SUPERSESSION and CL/GATEWAY that your administrator uses to put session IDs into groups. Your administrator controls who accesses the groups. This control provides a level of security.

Adding a New Session to the Session List (CL/SUPERSESSION)

If you are authorized by your administrator, you can add a new session to the session list and define its parameters as described below.

Note: Even if you have not been authorized to maintain your Main Menu, the administrator may give you authority to add a new session to the session list. In this instance, however, session additions are temporary.

1. On the Main Menu, move the cursor next to the session ID you want to add the new session after.
2. Type **A**.
3. Press Enter.

The Add a Session to the Menu pop-up window appears.

```

      Actions  Options  Commands  Features  Help
-----
                    CL/SUPERSESSION Main Menu                    More: +
Select sessions with a "/" or an action code.

  Session ID  Description                Type    Status
-----
  TSOA        System A TSO                    Multi   Undefined
a TSOB        System B TSO                    Multi   Undefined
+-----+
          Add a Session to the Menu    More: +
          Define the session, then press Enter.

          Session ID..... _____ (Any 8)
          VTAM Appl ID..... _____
          Display Group..... 6000      (9999-0000)
          Display Order..... 6000      (9999-0000)
          Description..... _____

          Initial dialog name..... _____
          Termination dialog name.... _____
          Initial status..... _ _____ (D, F, or B)

          Terminal pool name... _____
          VTAM logmode name.... _____
          Userdata... _____

          Command ==>
          Enter F1=Help F4=Prompt F8=Fwd F12=Cancel
+-----+
Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
SYSA/KLST0001

```

Figure 14. Add a Session to the Menu Pop-up Window (Panel 1)

- Complete the session information. The first four entries (Session ID, VTAM Appl ID, Display Group, and Display Order) are required. All other entries are optional.

Session ID The session ID that identifies the session to CL/SUPERSESSION.

VTAM Appl ID The application ID that identifies the session to the network.

Display Group Causes this session ID to be displayed with its associated group on the Main Menu. The session IDs are stored in descending Display Group order.

Display Order	Specifies the position a session ID occupies within a group of session IDs. The session IDs are sorted in descending Display Order sequence.
Description	A brief description of the application or environment that appears on the Main Menu.
Initial dialog name	Executes when the session ID you selected is established. Ask your administrator for the available dialogs.
Termination dialog name	Executes when the session ID terminates. Ask your administrator for the available dialogs. Note: This dialog does not get control when a user performs the normal logoff sequence for an application.
Initial status	Specifies whether the session is started automatically when you log onto CL/SUPERSESSION. You can select: <ul style="list-style-type: none"> D Define. The session is defined but not activated. Status is inactive. F Foreground. The session is defined and activated. Status is active, and it becomes the current session. B Background. The session is defined and activated. Status is active, but it does not become the current session.
Terminal pool name	Administrator-assigned terminal pool for this application. Your administrator can tell you the names of the terminal pools that are available.
VTAM logmode name	Logmode assigned to this application. Ask your administrator for the available logmodes.
Userdata	Data or parameters that you want passed to the application when it is started.

5. Press F8 to display another screen to continue adding information. These entries are optional.

```

      Actions  Options  Commands  Features  Help
-----
                    CL/SUPERSESSION Main Menu                    More: +
Select sessions with a "/" or an action code.

  Session ID  Description                                Type    Status
-----
  TSOA        System A TSO                                Multi   Undefined
a TSOB        System B TSO                                Multi   Undefined
+-----+
                    Add a Session to the Menu  More: -
                    Virtual terminal options

Outbound data compression..... N (Y or N)
Inbound data compression..... N (Y or N)
CL/Supersession reply mode.... N (Y or N)
Read-buffer mode..... N (Y or N)
Query passthru..... N (Y or N)
Read-modified for PA keys..... Y (Y or N)
Read-modified for ATTN keys... Y (Y or N)
Fullread mode..... N (Y or N)

Command ==>
Enter F1=Help F7=Bkwd F12=Cancel

+-----+
Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
SYSA/KLST0001

```

Figure 15. Add a Session to the Menu Pop-up Window (Panel 2)

6. Complete the additional session information.

Important

See your administrator before changing any of these entries.

7. Press Enter to accept any changes you have made.
8. Press F7 to return to the previous panel.
9. Press Enter to add the session ID to your Main Menu.

Adding a Session from a Predefined List

You can add a session to your Main Menu from a list of sessions defined by your administrator.

Note: You can add sessions from the GLOBAL list only if you have been given authority to maintain your Main Menu.

To add a session from a list of predefined sessions, do the following:

1. Type **L** on the Command line or next to any session ID.
2. Press Enter.

The Add Sessions to Selection Menu pop-up window appears.

```

      Actions  Options  Commands  Features  Help
-----
                    CL/SUPERSESSION Main Menu                    More:  +
Select sessions with a "/" or an action code.

Session ID  Description                                Type    Status
-----
TSOA        System A TSO                                        Multi   Undefined
1 TSOB        System B TSO                                        Multi   Undefined
-----
+-----+
|  _____  Actions  Help                               |
|  -----  Add Sessions to Selection Menu                    More:  + |
|  Add sessions with a "/" or an action code.                |
|  Session ID  Description                                Type    Source |
|  -----  -----  -----  -----  -----  -----  |
|  - TSOA        System A TSO                                        Multi   GLOBAL |
|  - IMSA        System A IMS                                        Multi   GLOBAL |
|  - CICSB        System A CICS                                        Multi   APPLIST |
|  |                                                     |
|  Command ==> |
|  Enter  F1=Help  F8=Fwd  F12=Cancel |
+-----+
Command ==> |
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
SYSA/KLST0001

```

Figure 16. Add Sessions to Selection Menu Pop-up Window

3. Move the cursor next to the session ID of the session that you want to add to the menu.
4. Type **A**.
5. Press Enter.

The Main Menu appears. The session ID is displayed on the selection list according to the order specified in Display Group and Display Order in the session definition.

If you want more information about a session before adding it to the menu:

1. Type **I** beside the session ID.
2. Press Enter.

The Session Information pop-up window shown in Figure 18 on page 51 is displayed.

3. Press F8 to look at a continuation screen. For a description of these session definitions, see “Displaying Additional Session Information” on page 50.
4. After viewing the session information, press F12. The Add Sessions to Selection Menu pop-up window reappears.
5. To add the session ID to the Main Menu, type **A** and press Enter. To cancel the addition, press F12.

Modifying a Session Definition on the Selection List

You can change the definition of a session on your Main Menu if you are authorized by your administrator. The session can be one that was defined by you or your administrator.

Note: If you have not been authorized to maintain your Main Menu but you have been authorized to add a new temporary session to the session list, you can modify that session.

To modify a session definition:

1. Move the cursor next to the session you want to modify.
2. Type **M**.
3. Press Enter.

A Modify a Session Definition pop-up window appears. The window varies in format depending upon how the session was defined. For a session ID that you defined, the pop-up window displays the terminal pool name.

```

      Actions  Options  Commands  Features  Help
-----
                    CL/SUPERSESSION Main Menu                    More: +

Select sessions with a "/" or an action code.

      Session ID  Description                                Type    Status
-----
      TSOA        System A TSO                                    Multi   Undefined
m  TSOB          System B TSO                                    Multi   Undefined
+-----+
          Modify a Session Definition                    More: +

          Modify session TSOB, then press ENTER.

          (GBL) VTAM Appl ID..... TSOB
          (GBL) Description..... Customer Support Services TSO
          (GBL) Display group.... 900      (9999-0000)
          (GBL) Display order.... 0       (9999-0000)
          (GBL) VTAM logmode name. _____
          (GBL) Userdata...LOGON _____

          The following fields apply to MULTI sessions only:
          (GBL) Initial status..... B +    (D, F, or B)
          (GBL) Initial dialog name.... KLSNTSO
          (GBL) Termination dialog.....

          Command ==>
          Enter F1=Help F4=Prompt F8=Fwd F9=Reset F12=Cancel
+-----+
Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
SYSA/KLST0001

```

Figure 17. Modify a Session Definition Pop-up Window

Refer to “Adding a New Session to the Session List (CL/SUPERSESSION)” on page 44 for a description of the fields.

4. Modify the entries as required. You can use F9 to reset a field with the value from the next higher profile. For example, reset a field that has a user profile value with a group profile value or reset a field that has a group profile value with global profile value.
5. When you have completed the modifications, press Enter.
The changes are stored and the Main Menu is displayed.

Displaying Additional Session Information

You can display detailed information about a session that is listed on your Main Menu.

1. Move the cursor next to the session ID that you want additional information about.

2. Type **I**.
3. Press Enter.

The Session Information pop-up window is displayed.

```

      Actions  Options  Commands  Features  Help
-----
                        CL/SUPERSESSION Main Menu                        More: +
Select sessions with a "/" or an action code.

      Session ID  Description                                Type      Status
-----
i TSOA           System A TSO                                           Multi
  TSOB           System B TSO                                           Multi      Undefined
  VM             VM/SP                                                  Multi
-----
+-----+
|                               Session Information                               | More: +
|                                                                              |
| (APL) Session id.....: TSOA      (APL) Display group...: 900      |
| (APL) Session type.....: Multi    (APL) Display order...: 7      |
| (APL) Session source....: APPLDEF (APL) Initial dialog...: KLSONTSO  |
| (APL) Application id....: TSOA    (APL) Terminate dialog:      |
| (APL) Help panel.....: KLSH1HLP  |
| (APL) Description .....: TECHNICAL BULLETINS |
| (APL) Userdata.....: LOGON        |
| (APL) Logon data.....:            |
|                                                                              |
| (APL) Logmode.....:              IMS parameters |
| (APL) Initial status....: D      (APL) IMS name...:          |
| (APL) Alternate appl....:        (APL) IMS type...:          |
| (APL) Terminal pool.....: VIRTPOOL (APL) IMS printer: NONE   |
| Virtual terminal...:            (APL) IMS pool...:          |
| (APL) Operator message...:      |
| (APL) Simlogon.....:            |
|                                                                              |
| Command ==>                        |
| Enter F1=Help F8=Fwd F12=Cancel    |
+-----+
Command ==>                                SYSA/KLST001
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action

```

Figure 18. Session Information Pop-up Window

This screen is for information only and may be used when you request help from your administrator for this session ID. The session information fields are described briefly here. A three-character abbreviation, APL in this example, identifies the source of the information. The sources and three-character abbreviations are: global profile (GBL), group profile (GRP), user profile (USR), and APPLIST (APL).

Session id Defines the session to CL/GATEWAY and CL/SUPERSESSION.

Session type	<p>Determines where control returns when you log off the application and, for CL/SUPERSESSION, the number of sessions you can run. The Type column on the Main Menu shows one of the following:</p> <p>Single Transfers control to the selected session, but CL/SUPERSESSION or CL/GATEWAY remains connected. Functions such as triggers and cut and paste are unavailable. When you log off the application session, your terminal returns to the previous session or the Main Menu.</p> <p>Pass Transfers control to the selected session. Functions such as triggers and cut and paste are unavailable. When you log off the application session, the system returns the terminal to the initial display screen.</p> <p>Multi Enables CL/SUPERSESSION users to run more than one session at a time. Functions such as triggers and cut and paste are available. When you log off the application session, your terminal returns to the previous session or the Main Menu.</p>
Session source	Can be APPLDEF , which means that it is from your administrator's application definition list, ADMIN , which means it is from the global or group profile, or USER , which means it is from the user profile.
Application id	Identifies the session to the network.
Help panel	Identifies the panel ID of the panel that is displayed when you enter the H action code next to a session ID on the Main Menu.
Description	Describes the application environment.
Userdata	Specifies data or parameters you want passed to the application when it is started.
Logon data	For CL/GATEWAY only, replaces the initial dialog. It is data that can be passed to the session or application during logon.
Logmode	Specifies the logmode assigned to this application. Ask your administrator for the logmodes that are available.

Initial status	Specifies whether the session is started automatically when you log onto an application: <ul style="list-style-type: none"> D Define. The session is defined but not activated. Status is inactive. F Foreground. The session is defined and activated. Status is current. B Background. The session is defined and activated. Status is active, but not current.
Alternate appl	Specifies an application defined by your administrator that starts automatically if the session ID selected from the Main Menu is unavailable.
Terminal pool	Identifies the administrator-assigned terminal pool for this application. Ask your administrator for the available terminal pool names.
Virtual terminal	When a Multi or Single session is started for an application, indicates the virtual terminal that is allocated from the virtual terminal pool.
Operator message	Shows a message created by your administrator about the application.
Simlogon	For a PASS session, indicates the value passed to VTAM after you have started the session.
Display group	Causes this session ID to be displayed with its associated group on the Main Menu. The session IDs are sorted in descending display group order.
Display order	Specifies the position a session ID occupies within a group of session IDs. The session IDs are sorted in descending display order.
Initial dialog	For CL/SUPERSESSION only, executes when the session ID you selected is established. Ask your administrator for the dialogs that are available.
Terminate dialog	The dialog that executes immediately when you terminate the session ID. Ask your administrator for the available dialogs. <p>Note: This dialog does not get control when a user performs the normal logoff sequence for an application.</p>

IMS name	Specifies the IMS application name for users of CL/GATEWAY for IMS.
IMS type	Specifies the IMS application type for users of CL/GATEWAY for IMS.
IMS printer	Specifies the IMS-defined printer for users of CL/GATEWAY for IMS.
IMS pool	Specifies the IMS-defined print pool for users of CL/GATEWAY for IMS.

4. Press F8 to display a panel with additional information. The information on the second panel may be of interest to users of file transfer. For explanations of these fields, see your administrator.
5. Press F12 to return to the previous screen.
6. Press F12 again to return to the Main Menu.

Deleting a Session from the Selection List

CL/SUPERSESSION users can delete sessions from the Main Menu as described below.

Note: If you have not been authorized to maintain your Main Menu but you have been authorized to add a new temporary session to the session list, you can delete that session.

1. Move the cursor next to the session ID you want to delete and type **D**.

If you have set Confirm Delete to OFF in Preferences, the session is deleted when you press Enter. If you have set Confirm Delete to ON, the Delete Confirmation pop-up window appears when you press Enter. The pop-up window gives you the chance to change your mind and cancel the deletion.

```

+-----+
|           Delete Confirmation           |
|                                         |
| Select one of the following, then press Enter. |
|                                         |
| 1. Delete "session ID"                 |
| 2. Cancel deletion.                    |
|                                         |
| Command==>                             |
| Enter F1=Help F12=Cancel                |
+-----+

```

Figure 19. Delete Confirmation Pop-up Window

2. Press Enter to select 1 to delete the session ID. If you change your mind, move the cursor to 2 to cancel the delete request.

After you delete the session, the Main Menu is refreshed and shows the new selection list.

This chapter describes how to

- modify terminal and system options
- update and store personal information to identify yourself to other users
- use the file transfer trigger in CL/SUPERSESSION

Changing Terminal and System Options

Terminal options and some system options can be changed through the Update Personal Options pop-up window. Displaying the window and setting your preferences are described below.

To display the Update Personal Options pop-up window:

1. On the Main Menu, at the home position on the action bar, type **OP** and press Enter.

The O stands for Options and the P stands for Preferences.

2. The Update Personal Options pop-up window is displayed.

```

op  Actions  Options  Commands  Features  Help
-----+-----+-----+
                                Update Personal Options
                                More: +
Select sess  Change any of the following options, then
              press ENTER.
  Session
  -----
  TSOA       Beep..... ON   (ON or OFF)
  TSOB       Panel ID's..... ON   (ON or OFF)
  VM         Message ID's..... ON   (ON or OFF)
  CL/ENGINE  Cursor selection..... ON   (ON or OFF)
              Display menu by groups. ON   (ON or OFF)
              Confirm delete..... ON   (ON or OFF)
              National Language..... EN
              Default printer name...
              Initial dialog name....

  Command ==>
  Enter  F1=Help  F4=Prompt  F12=Cancel

-----+-----+-----+

Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
                                SYSA/KLST001
  
```

Figure 20. Update Personal Options Pop-up Window

The settings and their meanings are described below. To change preferences with an OFF or ON setting, press F4 to toggle between the two settings. For preferences that require information, follow the instructions.

Beep Beep causes the audible alarm to sound when a warning message is issued. Critical messages sound an alarm from the terminal when Beep is ON. To change this preference temporarily during a session, use the BEep command described in “Commands” on page 63.

Panel IDs Panel IDs are codes that appear in the upper left corner of each menu or panel. When this preference is set to OFF, the panel ID is not displayed. To toggle this preference OFF and ON temporarily during a session, use the Panid command described in “Commands” on page 63.

Message IDs Message IDs are alphanumeric codes that appear before warning and advisory messages. When this preference is set to OFF, codes are not displayed. To toggle this preference OFF and ON temporarily during a session, use the Msgid command described in “Commands” on page 63.

Cursor selection Cursor selection lets you use the cursor to start a session. When this preference is ON, the cursor acts as the action code S when entered beside a session ID on the Main Menu.

Display menu by groups This preference causes the sessions to be displayed in groups on the Main Menu. When this preference is OFF, selections are displayed in descending session ID order.

Confirm delete This preference controls the Delete Confirmation pop-up window. When the preference is set to ON, the Delete Confirmation pop-up window is displayed when you enter a delete request. The pop-up window gives you the chance to cancel the delete request. When the Confirm delete preference is set to OFF, the delete request is acted on immediately.

National language This preference selects the language that is used in your menus and panels. Press F4 to display the language selections. Move the cursor to your selection and press Enter. The new language is in effect immediately.

Default printer name

This preference identifies the printer where CL/SUPERSESSION prints screens from your application. Enter the printer identifier in the field.

Initial dialog name This preference identifies the dialog that runs automatically when you log onto CL/SUPERSESSION and CL/GATEWAY. See your administrator for the dialog names available on your system.

Updating Personal Information

The Personal Information feature enables you to store identification that appears at the top of your messages that you send to other users. See Figure 13 on page 41 for an example.

1. At the home position of the action bar, type **OI** and press Enter.
The O stands for Options and the I stands for Personal Information.
The Update Personal Information pop-up window appears.

```
oi  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+
                                Update Personal Information
                                More:  +
Select sess  Change any of the following information, then
              press ENTER.
  Session
  -----
  TSOA      Name.....
  TSOB      Location...
  VM        Phone.....
  CL/ENGINE Other...

              Command ==>
              Enter  F1=Help  F12=Cancel

-----+-----+-----+-----+

Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action

                                SYSA/KLST001
```

Figure 21. Update Personal Information Pop-up Window

2. Type in your name, location, telephone number and extension, and any additional information other users need to identify you.
3. Press Enter. The Product Options Menu appears.
4. Press F12 to return to the Main Menu.

Transferring Files (CL/SUPERSESSION)

File Transfer Mode must be enabled and disabled before and after files are transferred. The simplest way to enable and disable File Transfer Mode is by typing `\ft`. Called the file transfer trigger, `\ft` must be added to your list of available triggers. See “Adding the File Transfer Trigger” on page 89 for instructions for adding `\ft`.

After adding the trigger, continue with the steps below.

To transfer files in CL/SUPERSESSION:

1. Access the application that has the files you want to transfer.
2. To enable File Transfer Mode, type `\ft` and press Enter.

The File Transfer pop-up window is displayed with the message

File Transfer Mode is enabled for session xxxxxxxx.

3. Perform the file transfer procedure required for your system.
4. After the files are transferred, type `\ft` to disable File Transfer Mode.

Important

File Transfer Mode should be disabled after the file transfer is completed. Performance can degrade if File Transfer Mode remains enabled.

The File Transfer pop-up window is displayed with the following message:

File Transfer Mode is disabled for session xxxxxxxx.

Solving File Transfer Problems

If problems occur during file transfer, check the settings of the data transfer options. To display the settings:

1. Type `\o`.
2. Press Enter.

A table that shows the current settings of data transfer options is displayed. The settings should match Table 4 on page 61 when File Transfer Mode is enabled.

Table 4. File Transfer Options	
Option	Setting
Outbound data compression	Y
Inbound data compression	Y
CL/SUPERSESSION reply mode	N
Read-buffer mode	N
Query passthru	N
Read-modified for PA keys	Y
Read-modified for ATTN keys	Y
Fullread mode	N

If the settings are correct and file transfer problems persist, contact your administrator.

You can manage your sessions, terminal, and Main Menu with the commands described in this chapter. You can select commands from the pull-down menu that is displayed when you choose Commands from the action bar, or you can enter commands at the Command prompt at the bottom of the Main Menu. (See “Command Prompt” on page 28 for more information.)

Using the Commands Pull-down Menu

To select commands from the Command Selection Menu:

1. Type **C** at the home position of the action bar and press Enter.

The Command Selection Menu appears.

```
c  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+
                                CL/
                                Command Selection Menu
                                Select a command with the cursor, then press ENTER.
Select sessions with
Session ID  Descri
-----  -----
TSOA        System
TSOB        System
VM          VM/SP
CL/ENGINE   Operat

                                Add      Background  BEep      B0ttom
                                BUlletin  Date        DElete    eXit
                                Help      List        L0ck      Msgid
                                News      Panid       REOrder   Reset
                                REtrieve Start       Terminate Time
                                T0p      Whoami

                                Command ==>
                                Enter  F1=Help  F12=Cancel

-----+-----+-----+-----+
Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
SYSA/KLST0001
```

Figure 22. Command Selection Menu

2. Move the cursor next to the command you want to execute and press Enter.

You can also enter a command at the Command line on the pull-down menu. To enter a command from the Command line, type its capitalized abbreviation. For example, typing **BE** executes the BEep command and typing **A** executes the Add command.

Fast Pathing

You can save a step and bypass the Command Selection Menu by fast pathing. Two fast path methods are available: one uses the action bar and the other uses the Command prompt.

Using the Action Bar

To fast path using the action bar, do the following:

1. At the home position of the action bar, type **C** and the capitalized abbreviation of a command.
2. Press Enter.

For example, to display the date and time, type **CD** and press Enter. The date and time are displayed as though you had selected Commands at the action bar and Date from the Command Selection Menu.

Using the Command Prompt

To fast path using the Command prompt, do the following:

1. At the Command prompt, type the command or its capitalized abbreviation. If the command uses parameters, such as a session ID, separate the command name and each parameter with a space.
2. Press Enter.

For example, to start a session, type **S** followed by a space and the session ID and press Enter. Control passes to the environment that you selected.

Types of Commands

In this chapter, commands are presented in alphabetical order. To find a command by function or type, refer to the following:

Session Control	Background, eXit, Start, Terminate
Environment Control	BEep, LOck, Msgid, Panid, Reset
Menu Control	Add, BOttom, DElete, List, REOrder, TOp
Information	BULletins, News, TIme, Whoami
Command Control	Help, REtrieve

Add

The Add command enables you to add sessions to your Main Menu. With authorization from your administrator, you can define the characteristics of the sessions as shown in the following procedure. To add sessions to your Main Menu from a list of sessions defined by your administrator, see “List” on page 72.

When you select the Add command, the Add a Session to the Menu pop-up window appears.

```

ca  Actions Options Commands Features Help
-----
CL/SUPERSESSION Main Menu                      More: +

Select sessions with a "/" or an action code.

Session ID  Description                      Type      Status
-----
TSOA       System A TSO                               Multi     Undefined
TSOB       System B TSO                               Multi     Undefined
-----
+-----+
Add a Session to the Menu                      More:+
-----+
Define the session, then press ENTER.

Session ID..... _____ (Any 8)
VTAM Appl ID..... _____
Display Group..... 6000      (9999-0000)
Display Order..... 6000      (9999-0000)
Description..... _____

Initial dialog name..... _____
Termination dialog name.. _____
Initial status..... _      (D, F or B)

Terminal pool name... _____
VTAM logmode name.... _____
Userdata... _____

Command ==>
Enter F1=Help F4=Prompt F8=Fwd F12=Cancel
-----+
Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
SYSA/KLST0001

```

Figure 23. Add a Session to the Menu Pop-up Window

To add a session:

1. Complete the session information. The first four entries (Session ID, VTAM Appl ID, Display Group, and Display Order) are required. All other entries are optional. Refer to “Adding a New Session to the Session List (CL/SUPERSESSION)” on page 44 for a description of each field.
2. Press F8 to display the Virtual Terminal Options pop-up window.

Note: See your administrator before entering information on this panel.
3. Press Enter. The session ID is added to your Main Menu.

Background (CL/SUPERSESSION)

The Background command starts a session that runs in the background. The application does not display at your terminal. Like the Start command, a pop-up window is displayed when you select Background. See “Start” on page 78. You enter a Session ID and, optionally, Logmode and Userdata.

BEep

The BEep command controls the audible alarm that accompanies warning messages. Critical messages sound an alarm at the terminal when BEep is ON. Selecting BEep and pressing Enter toggles the alarm ON or OFF, depending on its previous setting. The BEep command takes effect immediately for the current session. To make the change permanent, use Preferences from the Options pull-down menu.

BOttom

The BOttom command scrolls to the bottom (last screen) of your session ID list. The BOttom command takes effect immediately.

BULLETINS

The BULLETINS command displays information posted by your administrator.

When you select the BULLETINS command, the Network Bulletins pop-up window appears.

```
cbu Actions Options Commands Features Help
-----+-----+
                                     Network Bulletins
Select WELCOME TO THE CL/GATEWAY NETWORK MANAGER.
      Se CL/GATEWAY PROVIDES SECURE, EFFICIENT, AND FRIENDLY
      -- APPLICATION ACCESS FACILITIES FOR NETWORK USERS.
      TS PLEASE BROWSE THE HELP SCREENS AND THE NETWORK NEWS FACILITIES.
      TS
      VM
      CL Enter F1=Help F12=Cancel
-----+-----+

Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action          SYSA/KLST0001
```

Figure 24. Network Bulletins Pop-up Window

When you have finished reading the bulletin, press Enter. The Main Menu reappears.

Date or Time

The Date command and the Time command both display the current date and time.

When you select the Date or Time command, the Date and Time pop-up window appears.

```
cd  Actions  Options  Commands  Features  Help
-----+-----+-----+
                                CL/S          Date and Time          More:  +
                                Date.....: 03/01/93
                                Time.....: 09:03:53
                                Press ENTER to continue
                                -----+-----+
                                Session ID  Descrip
                                -----  -----
                                TSOA        System
                                TSOB        System B TSO
                                VM         VM/SP
                                CL/ENGINE  Operator Facility
                                Multi
                                Multi
                                Multi

Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
SYSA/KLST0001
```

Figure 25. Date and Time Pop-up Window

When you have finished viewing the window, press Enter. The Main Menu appears.

DElete

The DElete command removes modifications that you made to your session list. Session IDs deleted from the session list are restored, added session IDs are deleted, and modified session IDs are returned to their initial state.

When the DElete command is selected, the Session Profile Deletion pop-up window appears.

```

cde Actions Options Commands Features Help
-----+-----+-----+-----+-----+
CL/S
Session Profile Deletion +
Select sessions with a All your USER session profile entries will
                          be deleted if you choose selection number two.
Session ID  Descrip
-----  -----
TSOA      System
TSOB      System
VM        VM/SP
CL/ENGINE Operato

- 1. Do not delete my session profile entries.
- 2. Delete my session profile entries.

Command ==>
Enter F1=Help F12=Cancel

Command ==> SYSA/KLST0001
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action

```

Figure 26. Session Profile Deletion Pop-up Window

To delete your modifications, select **2**. The following message appears:

```

CL026

You have deleted all of the sessions from your menu. To add sessions
type the "Add" or "List" command on the command line; to recover
sessions type "Reset".

Press Enter to continue

```

Press Enter to complete the delete request.

If you wish to recover your modifications, type **RESET** on the command line. Everything that was deleted by the previous request will reappear on the main menu.

eXit

The eXit command displays the Exit Menu pop-up window. For a complete description of eXit, see “Logging off CL/SUPERSESSION and CL/GATEWAY” on page 29.

Help

The Help command displays explanations of the commands listed on the Command Selection Menu.

To display help information for commands, do the following:

1. At the Command prompt, type **Help**.
2. Press Enter.

The Help for Commands pop-up window appears.

```
ch  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+-----+
                                     Help for Commands      More: +
Select sessions
  Session ID  D
  -----  -
  TSOA       S
  TSOA       S
  VM         V
  CL/ENGINE  0
                                     Add allows you to add sessions to your Session Selection Menu.
                                     If authorized by your CL products administrator
                                     you can fully define all characteristics
                                     of the session--Session ID, Application ID,
                                     Description, Userdata, etc. If you are not authorized
                                     to define a session, the system displays a list of
                                     Command ==>
                                     Enter  F1=Help  F8=Fwd  F12=Cancel
-----+-----+-----+-----+-----+
Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action      SYSA/KLST0001
```

Figure 27. Help for Commands Pop-up Window

3. Use the F8 key to move through the list of commands.
4. When you have finished viewing the help text, press F12. The Main Menu appears.

For help with a specific command, at the Command prompt:

1. Type **Help** followed by a space and the command that you want to learn about.
2. Press Enter.

A help panel is displayed with an explanation of the command.

3. When you have finished viewing the help text, press F12 to return to the Main Menu.

List

The List command enables you to add session IDs to your Main Menu from a list of session IDs defined by your administrator. If you customized your Main Menu by deleting unwanted or infrequently-used applications and now want to use a deleted application, you can retrieve it from the authorized list using the List command.

When you select the List command, the Add Sessions to Selection Menu pop-up window appears.

```
c1  Actions  Options  Commands  Features  Help
-----
                        CL/SUPERSESSION Main Menu                        More:  +
Select sessions with a "/" or an action code.

Session ID  Description                                Type      Status
-----
TSOA        System A TSO                                        Multi     Undefined
TSOB        System B TSO                                        Multi     Undefined
-----+-----+
+-----+-----+
|  Actions  Help                                     |
|-----|-----|
|                        Add Sessions to Selection Menu                        More:  +
|
| Add sessions with a "/" or an action code.
|
|  Session ID  Description                                Type      Source
|-----|-----|
|  TSOA        System A TSO                                        Multi     GROUP
|  - IMSA      System A IMS                                        Multi     GLOBAL
|  - CICSB     System A CICS                                        Multi     APPLDEF
|
| Command ==>
| Enter  F1=Help  F8=Fwd  F12=Cancel
|-----+-----+
Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
SYSA/KLST0001
```

Figure 28. Add Sessions to Selection Menu Pop-up Window

To add a session:

1. Next to the session you want to add to the Main Menu, do one of the following:
 - Type **A** and press Enter to add the session to the Main Menu immediately.
 - Type **I** and press Enter to display information about the session.

- If you typed I for additional information about the session, the Session Information pop-up window appears.

```

      Actions  Options  Commands  Features  Help
-----
                CL/SUPERSESSION Main Menu                More: +

Select sessions with a "/" or an action code.

      Session ID  Description                Type      Status
-----
i  TSOA          System A TSO                Multi
   TSOB          System B TSO                Multi     Undefined
   VM            VM/SP                      Multi

+-----+
|                               Session Information                More: +
|
| (APL) Session id.....: TSOA          (APL) Display group...: 900
| (APL) Session type.....: Multi       (APL) Display order...: 7
| (APL) Session source....: APPLDEF    (APL) Initial dialog...: KLSONTSO
| (APL) Application id....: TSOA       (APL) Terminate dialog:
| (APL) Help panel.....: KLSH1HLP
| (APL) Description .....: TECHNICAL BULLETINS
| (APL) Userdata.....: LOGON
| (APL) Logon data.....:
|
| (APL) Logmode.....:                  IMS parameters
| (APL) Initial status....: D          (APL) IMS name...:
| (APL) Alternate appl....:           (APL) IMS type...:
| (APL) Terminal pool.....: VIRTPASS  (APL) IMS printer: NONE
| Virtual terminal...:                (APL) IMS pool...:
| (APL) Operator message...:
| (APL) Simlogon.....:
|
| Command ==>
| Enter F1=Help F8=Fwd F12=Cancel
|
+-----+

Command ==>                               SYSA/KLST001
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action

```

Figure 29. Session Information Pop-up Window

- Press F8 to display the Virtual Terminal Options pop-up window for a continuation of the information.
Refer to “Displaying Additional Session Information” on page 50 for a description of each field.
- After viewing the additional information, press F12 until the Add Sessions to Selection menu appears.
- Type **A** next to the session you wish to add to the Main Menu.
- Press Enter.
The session ID is added to the Main Menu.

LOck

The LOck command enables you to lock your terminal with a command instead of a key.

When you select the LOck command, the Terminal is Locked screen is displayed.

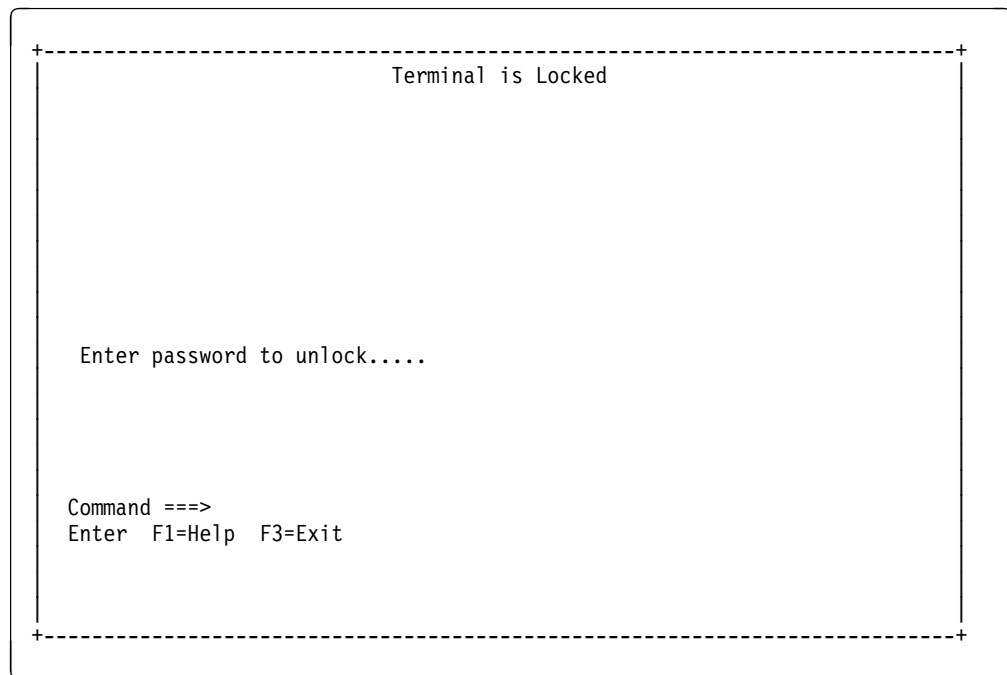


Figure 30. Terminal is Locked Pop-up Window

To unlock your terminal, type your password and press Enter. The Main Menu reappears.

Note: You can enter only the Exit and Help commands on the command line. No other commands execute from this screen.

Msgid

The Msgid command controls the display of the message identifier displayed beside a message. Selecting Msgid and pressing Enter toggles the display ON or OFF, depending on the previous setting. The Msgid command takes effect immediately for the current session. To make the change permanent, use Preferences from the Options pull-down menu.

News

The News command displays current news or other information of general interest. Your administrator selects the items that are displayed.

When you select the News command, the Network News pull-down menu appears.

```
cn  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+
                                CL/S
                                Network News
                                e:  +
Select sessions with a
                                Type a selection number or position the
                                cursor on a line and press ENTER.
Session ID  Descrip
-----  -----
TSOA       System
TSOB       System
VM         VM/SP
CL/ENGINE  Operato
                                Command ==>
                                Enter  F1=Help  F12=Cancel

Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
                                SYSA/KLST0001
```

Figure 31. Network News Pull-down Menu

To display a news item:

1. Move the cursor next to the topic you want to view.
2. Press Enter.

News on the selected topic is displayed. The following screen shows a sample of Network News.

```

cn  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+
                                CL/S
                                Network News
                                e: +
Select sessions with a
                                Type a selection number or position the
                                cursor on a line and press Enter.
  Session ID  Descrip
  -----  -----
                                1. Gateway services (G)...
                                _ 2. Terminal pooling (P)...
-----+-----+-----+-----+
                                CL/GATEWAY - Terminal Pooling
Sample news bulletin number 2:
                                Terminal pooling provides the host installation with reduced application
                                maintenance, virtual storage constraint relief, idle session detection
                                and termination, preprogrammed signon and data entry sequences, virtual
                                session accounting, and multiple application selection.
Command ==>
Enter F1=Help F12=Cancel
-----+-----+-----+-----+

```

Figure 32. Network News Pop-up Window

3. When you have finished viewing the news topic, press F12. The Network News menu reappears.
4. Press F12 again to return to the Main Menu.

Panid

The Panid command controls the display of the panel identifier in the top, left corner of each panel. Selecting Panid from the Command Selection Menu and pressing Enter toggles the display ON or OFF, depending on the previous setting. The Main Menu is displayed after you press Enter. The Panid command takes effect immediately for the current session. To make the change permanent, use Preferences from the Options pull-down menu.

REOrder

The REOrder command enables you to change the display order of the session IDs on the Main Menu. Session IDs are listed on the Main Menu in descending group sequence, followed by descending order sequence, and then alphabetically by session ID. By modifying the Group and Order numbers, you change the position of the session ID on the Main Menu session list.

When you select the REOrder command, the Reorder Menu is displayed.

```
c  Actions  Options  Commands  Features  Help
-----+-----+
                                Reorder Menu                                More:
Select ses  Modify display group or order and press ENTER.
  Session   Session ID  Description                                Group  Order
-----
  TS0A      TS0A          -----                                9999  9999
  TS0B      TS0B          -----                                9999  9999
  TS0C      TS0C          -----                                9999  9999

                                Command ==>
                                Enter  F1=Help  F12=Cancel

-----+-----+
Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F9=Retrieve  F10=Action                                SYSA/KLST0001
```

Figure 33. Reorder Menu

To change the order of display:

1. Move the cursor to the Group number or Order number that you want to change.
2. Type in the new value.
3. Press Enter.

The Main Menu appears with the session IDs reordered.

Reset

The Reset command resets/reinitializes your CL/SUPERSESSION and CL/GATEWAY environment to the current profile definitions.

When you select the Reset command, the session environment is immediately reinitialized. The following pop-up window appears:

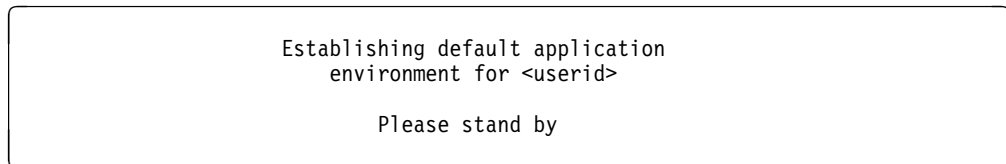


Figure 34. Reset Command Pop-up Window

If a session is currently active, that session is displayed. Otherwise, the Main Menu appears.

REtrieve

The REtrieve command retrieves the last command typed at the Command prompt. Up to 10 previous commands can be retrieved.

Start

The Start command starts a foreground session for any application that you are authorized to use. It performs the same action as the S code on the Action Code Menu.

When you select the Start command, the Start a Session pop-up window is displayed.

```

cs  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+-----+
                                     Start a Session
                                     Enter session information, then press Enter.
Select sessions with:
  Session ID  Description
-----  -----
  TSOA        System
  TSOB        System
  VM          VM/
  CL/ENGINE   Operator

                                     Session ID..... _____
                                     Logmode.....      _____
                                     Userdata.....      _____

                                     Command ==>
                                     Enter  F1=Help  F12=Cancel

Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
                                     SYSA/KLST001

```

Figure 35. Start a Session Pop-up Window

To start a session, enter session information as follows:

1. Type the session ID of the session you want to start.
2. (Optional) Type a logmode. Logmode is defined by a systems programmer and identifies characteristics about your terminal. Ask your administrator for the available logmodes.
3. (Optional) Type your userdata. Userdata is 1 to 40 characters of information that you want to pass to the application when it begins execution.
4. Press Enter.

Control passes to the application or environment that you selected.

Terminate

The Terminate command ends all active sessions without exiting from CL/SUPERSESSION or CL/GATEWAY.

When you select the Terminate command, the Session Termination pop-up window appears.

```
ct  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+
                                CL/S
                                Session Termination
Select sessions with a         All your active sessions will be terminated
                                if you choose selection number two.
                                1. Do not terminate active sessions.
                                2. Terminate active sessions.
Session ID  Descrip
-----  -----
TSOA       System
TSOB       System
VM         VM/SP
CL/ENGINE  Operato
                                Command ==>
                                Enter F1=Help F12=Cancel
-----+-----+-----+-----+
Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
                                SYSA/KLST0001
```

Figure 36. Session Termination Pop-up Window

To terminate active sessions:

1. Move the cursor to 2.
2. Press Enter.

Note: If you change your mind, cancel the Terminate command by selecting 1.

Active sessions are terminated, and the Main Menu is displayed.

TOp

The TOp command scrolls to the top (first screen) of your session list. The TOp command takes effect immediately.

Whoami

The Whoami command displays information about your terminal and the system.

When you select the Whoami command, the Who Am I pop-up window appears.

```

cw  Actions  Options  Commands  Features  Help
-----+-----+-----
                                CL/S          Who Am I          More:  +
                                User ID.....: USER01
                                System.....: SYSA
                                Device.....: KLST0001
                                Default logmode...: D4A32782
                                ACB name.....: CL601
                                Date.....: 03/01/93
                                Time.....: 09:01:51
                                Press Enter to continue
                                -----+-----
Select sessions with a
  Session ID  Descrip
  -----  -----
  TSOA        System
  TSOB        System
  VM          VM/SP
  CL/ENGINE   Operato

Command ==>
Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
                                                    SYSA/KLST0001
```

Figure 37. Who Am I Pop-up Window

After viewing the information, press Enter to display the Main Menu.

Chapter 7. Triggers (CL/SUPERSESSION)

A trigger calls a service available through CL/SUPERSESSION. A service may be printing a screen from the current application, jumping to the next background session, or locking your screen so that no one can use your terminal while you are away from it.

Table 5 on page 85 lists the 10 triggers that are provided with CL/SUPERSESSION. Additionally, your administrator and you, if you are authorized, can create other triggers to suit your operating needs.

This chapter presents instructions for

- Defining the parts of a trigger
- Using triggers
- Updating triggers

Note: The triggers used in the cut and paste facility and the windows facility are managed within those facilities.

Parts of a Trigger

A trigger is one or more keys that you type at your keyboard to execute a dialog. A trigger can include a *trigger phrase*, a *trigger key*, and a *parameter*. These elements of a trigger are explained below.

Trigger Phrase

A trigger phrase is 1 to 8 characters that causes an action. The first character of the phrase should be a key that is used infrequently, such as backslash (\), to prevent accidental use of the trigger. See the first column in Table 5 for examples of trigger phrases.

Trigger Key

A trigger key may complete a trigger or it may be used independently as a single-key trigger. When used with a trigger phrase, you press the trigger key after you type the trigger phrase. For most triggers, Enter is the trigger key. See the third column in Table 5. If a trigger key is not specified for a trigger phrase, any function key or the Enter key acts as the trigger key.

Any of the following can be trigger keys:

- Enter
- F1 through F24
- PA1, PA2, or PA3

Important

Be sure that the keys that you assign as triggers do not conflict with key functions in your application. A key used as a trigger has priority over the application's use of the key.

Parameters

Additional information can be entered after the trigger phrase. This information is called a parameter. See the second column in Table 5 on page 85 for the parameters available with triggers shipped with CL/SUPERSESSION.

Dialog

A dialog is a set of predefined instructions that tell CL/SUPERSESSION to perform a task. The dialogs associated with triggers are shown in the last column of Table 5 on page 85. The name of a dialog generally indicates the action that it performs. Compare the dialog names in Table 5 on page 85 with the actions they perform, shown in column 4.

Triggers Included with CL/SUPERSESSION

The triggers supplied with CL/SUPERSESSION are listed in Table 5.

Hot Phrase	Parameter	Hot Key	Action	Dialog
\g	session ID	Enter	Go to the session named. For example, \gtso goes to TSO.	KLSGOTO
\j	window ID	Enter	Jump to the next window or to the window named. For example, \j goes to the next window, and \ja goes to window A.	KLSNEXTW
\l		Enter	Lock the physical terminal.	KLSLOCK
\m		Enter	Display the Main Menu.	none
\n		Enter	Move to the next active session according to the order the sessions were started.	KLSNEXTS
\o	session ID	Enter	Display the virtual terminal options panel.	KLSVTOPT
\p		Enter	Move to the previous active session according to the order the sessions were started.	KLSPREVS
\q	X or N	Enter	Log off CL/SUPERSESSION with X to terminate sessions or with N to exit without terminating sessions.	KLSQUIT
\z		Enter	Toggle the window between zoomed and unzoomed states.	KLSZOOM
@p	session ID	Enter	Print the screen of the foreground session. Specify a session ID to print the screen of a background session. (The action code P performs the same function.)	KLSPRINT

Using Triggers

This section describes how to use a trigger.

To use a trigger phrase:

1. Move the cursor to the start of an input field.
Note: The trigger is detected only if the trigger phrase begins the input field, regardless of the location of the input field.
2. Type the trigger phrase in the *same case* (uppercase or lowercase) as it is defined on your system.
3. Type the parameter, if applicable.
4. Press the trigger key while the cursor is in the same input field as the phrase and the parameter. Use a function key or the Enter key if no hot key is specified.

To use a trigger that is only a trigger key, press the key regardless of the position of the cursor.

The trigger key is effective immediately.

Updating Triggers

You can add triggers from a list defined by your administrator, or you can display information that explains what each trigger does. With additional authorization, you can add new triggers to the list, delete a trigger from the list, or modify a trigger.

To update your current trigger list:

1. At the home position of the action bar, type **OT**.
O stands for Options and T stands for Update Current Trigger Profile.
2. Press Enter.

The Update Current Trigger Profile pop-up window appears.

You are now ready to add, modify, or delete triggers as described in the following sections.

Adding a New Trigger

This action enables you to add a new trigger to your list of available triggers, with proper authorizations.

1. Move the cursor next to the trigger that you want the new trigger to appear after.
2. Type **A** and press Enter.

The Add a Trigger pop-up window appears.

```

ot  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+-----+
                Actions  Help
                -----+-----+-----+-----+
                Update Current Trigger Profile      More:  +
                Select triggers with a "/" or an action code.
                -----+-----+-----+-----+
                Phrase      Key      Dialog      Parameter
                -----+-----+-----+-----+
a  \z      ENTER      ZOOM
                -----+-----+-----+-----+
                Add a Trigger
                Enter the following information then press ENTER
                Phrase..... (any 8 characters)
                Key..... +
                Dialog name.....
                Parameter..... (any 24)
                -----+-----+-----+-----+
                Command ==>
                Enter  F1=Help  F4=Prompt  F12=Cancel

                Command ==>
                Enter  F1=Help  F3=Exit  F5=Refresh  F8=Fwd  F9=Retrieve  F10=Action
                SYSA/KLST0001
    
```

Figure 38. Add a Trigger Pop-up Window

3. Type the key(s) that will be the trigger phrase. If the trigger is a single key, skip this step.
4. Type the key that will be the trigger key that starts the dialog.
5. Type the name of the dialog that will be called by the trigger. (For a list of dialogs, ask your administrator.)
6. Type parameters, if any, that you want to pass to the dialog.
7. Press Enter.

The Update Current Trigger Profile pop-up window reappears. The message **CS021 Trigger added** appears above the Command prompt in the lower left of the pop-up window.

- To return to the Main Menu, press F12.

Adding a Trigger from the Global Trigger List

You can select triggers with proper authorizations from a list that your administrator maintains. Even if you have previously deleted one of these triggers from your personal list, you may reselect that trigger from this list.

- Move the cursor next to a trigger.
- Type L.
- Press Enter.

The Add Triggers from Global Trigger List pop-up window appears.

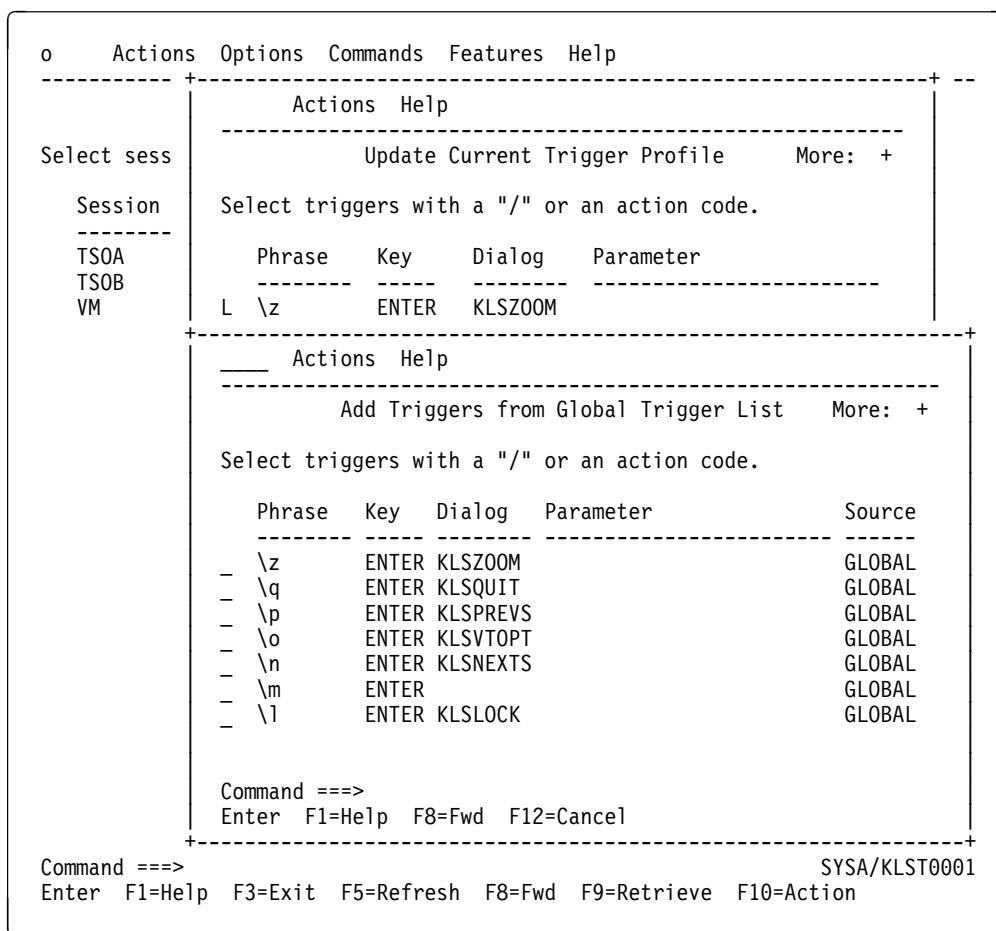


Figure 39. Add Triggers from Global Trigger List Pop-up Window

4. Move the cursor next to the trigger that you want to add to your list.
5. Type **A**.
6. Press Enter.

The Add Trigger to Current Profile pop-up window appears with the message **CS021 Trigger added** above the Command prompt at the lower left of the pop-up window.

7. Press F12 to return to the Main Menu.

Adding the File Transfer Trigger

The file transfer trigger, \ft, enables and disables File Transfer Mode. (See “Transferring Files (CL/SUPERSESSION)” on page 60 for a description of file transfer.) To use the trigger, you must first add it to your trigger list. If your administrator included \ft in the Global Trigger List, you can add it to your list as described in “Adding a Trigger from the Global Trigger List” on page 88. If the trigger is not in that list, use the procedure for adding a new trigger as described below:

1. Move the cursor next to the trigger that you want \ft to be listed after.
2. Type **A**.
3. Press Enter.

The Add a Trigger pop-up window appears.

4. For the trigger phrase, type **\ft**.
5. For the trigger key, type **ENTER**.
6. For dialog name, type **KLSFXFER**.
7. Press Enter.

The Update Current Trigger Profile pop-up window reappears. The message **CS021 Trigger added** appears above the Command prompt in the lower left of the pop-up window.

8. To return to the Main Menu, press F12.

Deleting Triggers

This action permanently deletes a trigger from your list of triggers with proper authorization.

Note: If you have not been authorized to maintain your trigger profile, but you have been authorized to add a new trigger to the trigger list, you can delete that temporary trigger.

1. Move the cursor next to the trigger that you want to delete.
2. Type **D**.
3. Press Enter.

The Delete Confirmation pop-up window appears if you have selected Confirm Delete in Preferences (see “Changing Terminal and System Options” on page 57).

4. Select **1** to delete the trigger.

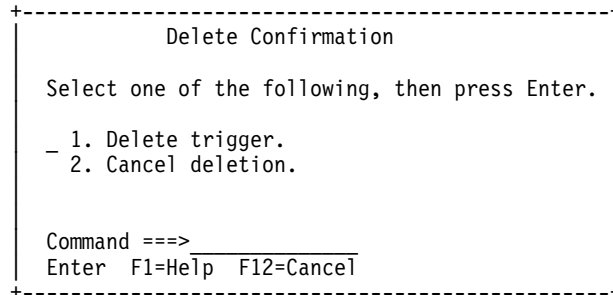


Figure 40. Delete Confirmation Pop-up Window

The Update Current Trigger Profile pop-up window appears. The message **CS013 Trigger deleted** appears above the Command prompt in the lower left of the pop-up window.

5. To return to the Main Menu, press F12.

Modifying Triggers

This action enables you to change the trigger phrase, trigger key, dialog, or parameters associated with a trigger, with proper authorization.

1. Move the cursor next to the trigger that you want to modify.
2. Type **M**.
3. Press Enter.

The Modify a Trigger pop-up window appears.

4. Modify the phrase, key, dialog name, or parameters.
5. Press Enter.

The Update Current Trigger Profile pop-up window reappears. The message **CS050 Trigger modified** appears above the Command prompt in the lower left of the pop-up window.

- To return to the Main Menu, press F12.

Displaying Trigger Information

Help is available for triggers that are supplied with CL/SUPERSESSSION. To display information about one of these triggers:

- Move the cursor next to the trigger that you want information about.
- Type **I**.
- Press Enter.

The Trigger Help pop-up window appears. An example of help for a trigger is shown below.

```

ot  Actions  Options  Commands  Features  Help
-----+-----+-----+-----+-----+
|                               | Actions Help | |
|                               | +-----+ |
|                               | | Actions Help |
|                               | +-----+ |
| Select sessio                | Trigger Help | More:++ |
|                               |               |
| Session ID                   |               |
| -----                      |               |
| TSOA                         | Trigger phrase..: \n |
| TSOB                         | Trigger key.....: Enter |
| VM                           | Trigger dialog..: KLSNEXTS |
| CL/ENGINE                    |               |
|                               |               |
|                               | When you execute a trigger with a dialog name of |
|                               | KLSNEXTS, you will be routed to the session in |
|                               | the application rotation order that is immediately |
|                               | after the session that you are currently viewing. |
|                               | The rotation order is determined by the order in |
|                               | which your sessions were activated, i.e., if you |
|                               |               |
|                               | Command ==>      |
|                               | Enter F1=Help F8=Fwd F12=Cancel |
|                               |               |
|                               | Enter F1=Help F8=Fwd F12=Cancel |
|                               |               |
|                               | +-----+ |
|                               | +-----+ |

```

Figure 41. Trigger Help Pop-up Window

- Press F12 when you have finished viewing the help information.
The Update Current Trigger Profile pop-up window reappears.
- Press F12 to return to the Main Menu.

Chapter 8. Windows (CL/SUPERSESSION)

Windows enable you to run and display more than one session or dialog at a time. Windows are created by splitting the screen vertically or horizontally. A zoom feature lets you display a window as a full screen for improved visibility. Figure 42 shows the screen split vertically to create two windows. You can create as many windows as you like, but readability diminishes when the number of windows exceeds 4.

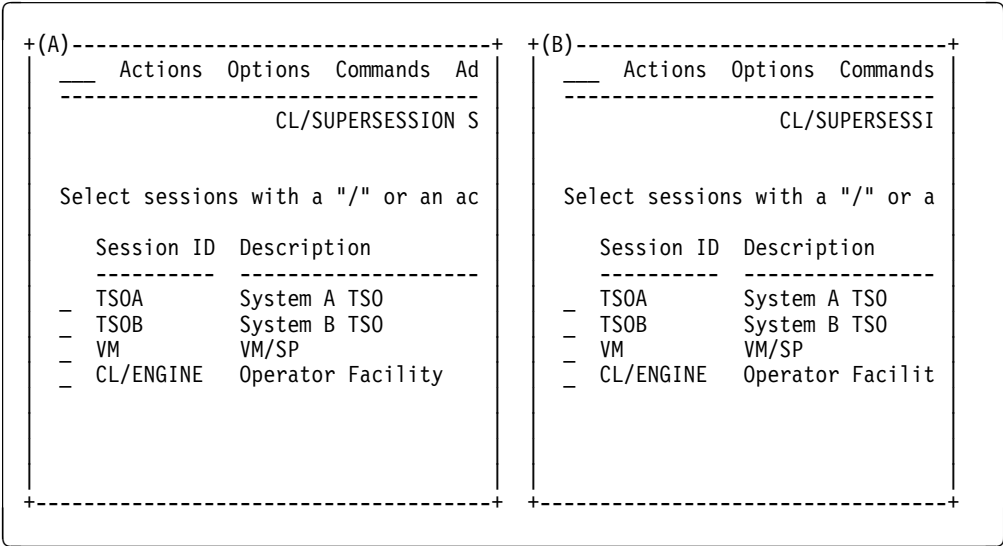


Figure 42. CL/SUPERSESSION and CL/GATEWAY Main Menu with Two Session Windows

Figure 43 on page 94 shows 3 session windows, split vertically and horizontally and overlaid with the Window Control pop-up window.

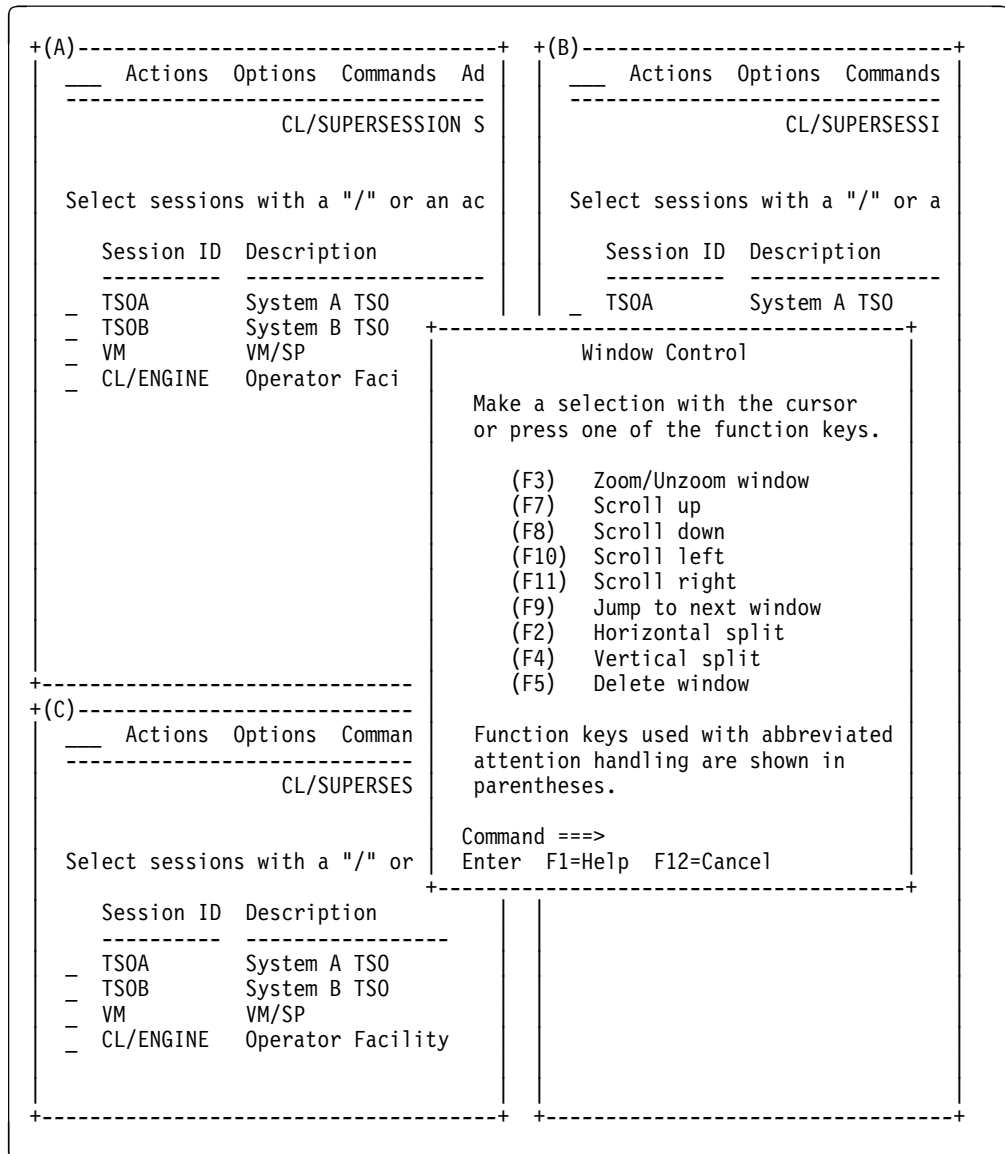


Figure 43. Multiple Windows with Window Control Pop-up Menu

The rest of this chapter tells you how to define and manage windows.

Preparing to Use Windows

A group of function keys control the window functions and enable you to split, zoom, and scroll the windows. You can use the keys that are assigned by CL/SUPERSESSION for each function or you can assign your own.

To define the keys:

1. At the home position of the action bar, type **OW**, and press Enter.
O stands for Options and W stands for Window options.
2. The Update Window Options pop-up window is displayed.

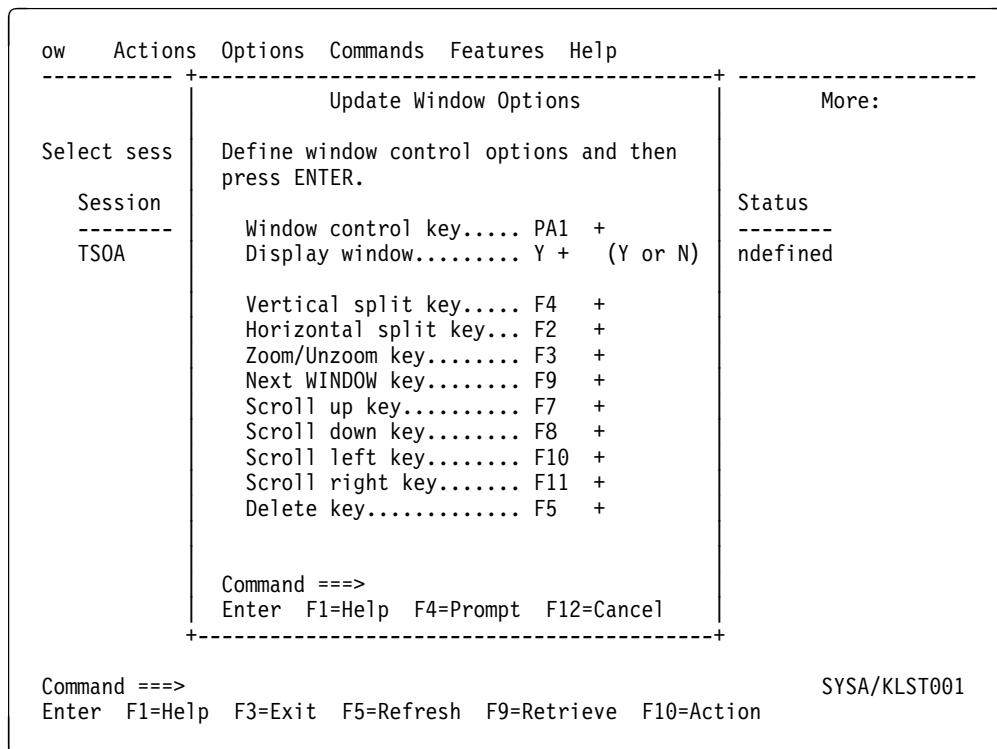


Figure 44. Update Window Options Pop-up Window

3. To assign a new key, move the cursor to an option and type a key.
4. Press Enter when you have completed your changes.

The key options are explained below. The values assigned by CL/SUPERSESSION are shown in parentheses.

Window control key (PA1)

Activates the window function. To open a window, press the window control key, in this case PA1.

Note: Avoid setting the ATTN key as the window control key. On SNA terminals, the ATTN key is reserved for returning to the Main Menu.

Display window (Y)

When set to Y, each time you press the window control key, the Window Control pop-up window, shown as an overlay in Figure 43 on page 94, is displayed. To suppress the display of the Window Control pop-up window, set this option to N.

If you set Display window to N, do the following to use windows:

1. Press the Window control key.
2. Press a window control option key, such as the vertical split key or horizontal split key, immediately afterward.

If the key you press after you press the Window control key is not a window control option key, the Window Control pop-up window is displayed to give you the opportunity to select an option.

Note: If you press the Window Control Key twice, CL/SUPERSESSION passes the function to the application. For example, if PA1 is your Window Control Key, the second time you press PA1, an attention function is passed to the application.

Vertical split key (F4)

Splits the screen vertically from the cursor position.

Horizontal split key (F2)

Splits the screen horizontally from the cursor position.

Zoom/unzoom key (F3)

Enlarges a window to full-screen display. While viewing a window in zoom mode, use the Next Window key to jump to the next window which will also be zoomed. Press the Zoom/Unzoom key to restore the multiple window display. The trigger \z performs the same function.

Next window key (F9)

Jumps to the next active window. The trigger \j enables you to specify the window to jump to when you have more than one active window. See “Moving between Windows” on page 97 for more information.

Scroll up key (F7)

Scrolls upward if more lines exist than can be displayed in the window.

Scroll down key (F8)

Scrolls down if more lines exist than can be displayed in the window.

Scroll left key (F10)

Scrolls left if more lines exist than can be displayed in the window.

Scroll right key (F11)

Scrolls right if more lines exist than can be displayed in the window.

Important

The scroll keys used with the CL/SUPERSESSION window control function are separate from any scroll function used by your application.

Delete key (F5)

Closes a window. Place the cursor in the window you want to delete and then press this key. When a window is deleted, active or current sessions in that window become background sessions that can be made current in another window. In addition, if you are in a zoomed window and delete that window, you jump to the next window and the screen resumes the unzoomed (multiple window) display.

Moving between Windows

Each window has a unique identifier in the upper left corner. The identifier sequence begins with A and continues through the alphabet labelling each window in the order in which it was opened. Letters of deleted windows are reused. You might have windows lettered A through D, but the sequence could be A, C, D, B.

In addition to using the Next Window key to move to the next window, you can move to any window by using the arrow keys. Move the cursor into the window that you want to use and press the Enter key. This feature is active only when more than one window is displayed on the screen, and no window is zoomed.

Chapter 9. Other CL/SUPERSESSION Features

This chapter describes the Cut and Paste facility, which is used to copy screen images from one application to another, and the View Session feature, which enables you to view the current screen of another user. These features, along with the Send Message feature, are controlled by your CL Administrator.

Cut and Paste Facility (CL/SUPERSESSION)

The Cut and Paste facility enables you to copy (cut) a portion or an entire screen image from one application and insert (paste) it in the same or another application. The image that you cut is not deleted from its original location after you cut it.

This chapter describes how to activate the Cut and Paste facility, how to cut the screen images and save them in the cutout index, and how to paste them into the new location.

Preparing to Cut and Paste

The following procedures describe how to prepare to cut and paste:

1. At the home position of the action bar, type **FC**. (F stands for Features and C stands for Cut and Paste.)

The Cut and Paste Options pop-up window is displayed.

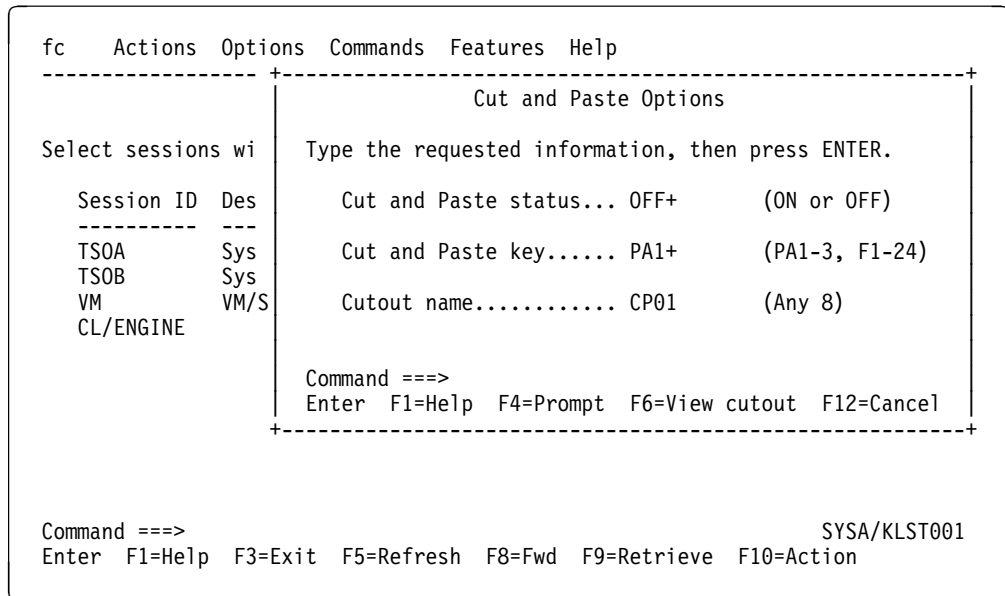


Figure 45. Cut and Paste Options Pop-up Window

2. To activate Cut and Paste, press F4 to change Cut and Paste status to ON. F4 toggles between the ON and OFF settings. When Cut and Paste status is ON, the cut and paste trigger activates the Cut and Paste facility.
3. To name a cut and paste trigger:

- a. Move the cursor to the Cut and Paste field.
- b. Type the key identifier, or use F4 to display a pop-up window with keys to choose from. When naming a key, be sure that the key is not needed by your application.

Note: Do not use the trigger function as described in “Triggers (CL/SUPERSESSION)” on page 83 to define a Cut and Paste key. A key defined with the trigger function is deactivated only by deleting the trigger. The Cut and Paste key defined on the Cut and Paste Options pop-up window is deactivated when you set Cut and Paste status to OFF.

4. To select a cutout name, place the cursor on the Cutout Name field.

A cutout name has 1 to 8 characters. You can enter a new name or select one from the cutout index. The cutout index is a list of your current cutout names. You can also access this list from the Cut and Paste pop-up window during a session. To view the cutout index:

- a. Press F4.

The Cutout Index pop-up window appears. The Cutout Index pop-up will not appear if there is only one cutout.

- b. To select one of the listed names, move the cursor next to the name and press Enter.

The Cut and Paste Options pop-up window reappears. The cutout name in the field is changed to the one you selected.

Important

Before you log off of CL/SUPERSESSION, be sure to paste any screens that you have cut.

The cutout index and cutouts are erased when you log off, turn your terminal off, reset your terminal, or transport your CL/SUPERSESSION session, with no active sessions, from one terminal to another (via session portability).

5. While the Cut and Paste Options pop-up window is displayed, you can view the contents of a cutout name:
 - a. Enter the name of the cutout screen you wish to view in the Cutout Name field.
 - b. Press F6.

The View Cutout pop-up window appears. If the cutout is larger than the screen, you only see a portion of the cutout.
 - c. When you have finished viewing a cutout, press F12 to return to the Options Menu.

After changing Cut and Paste status to ON, you can use cut and paste to copy screens. You must be in a session to use this facility.

You cannot cut and paste CL/SUPERSESSION menus and screens.

Cutting

1. Start a session and move to the screen that you want to copy.
2. Move the cursor to the upper left corner of the area you want to copy. Any rectangular area of the screen, including display-only fields, can be copied.
3. Press the key that you have designated as the Cut and Paste key. The Cut and Paste pop-up window appears.

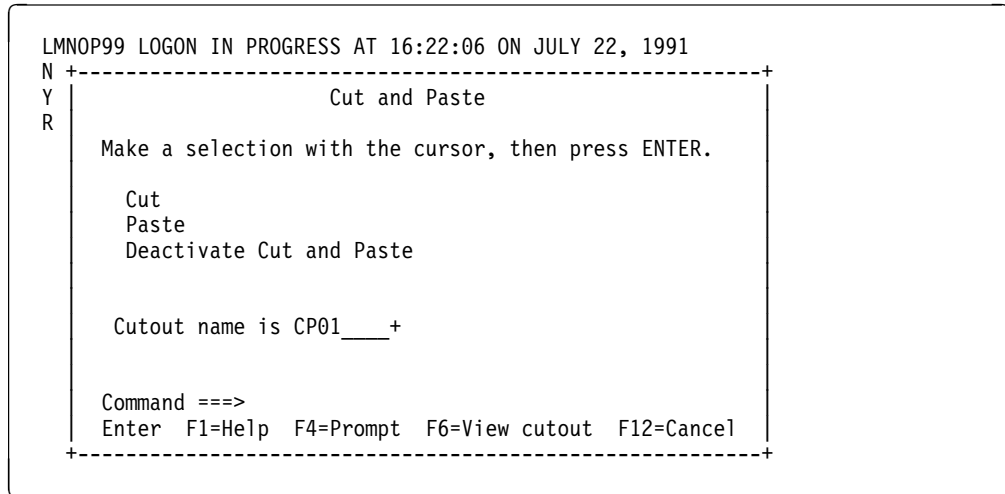


Figure 46. Cut and Paste Pop-up Window

4. If the cutout name that you want to use is not the listed name, move the cursor to the field called Cutout Name Is. Type the appropriate cutout name. If you do not know the name of the cutout and wish to use the cutout index:
 - a. Press F4 while the cursor is still in the Cutout Name Is field. The cutout index appears. The Cutout Name Is field will not appear if there is only one cutout.
 - b. Move the cursor next to the name you want to use and press Enter. The Cut and Paste pop-up window reappears with the cutout name changed to the one you selected.
5. Move the cursor next to the Cut field and press Enter. The current session panel reappears.
6. Move the cursor to the lower right corner of the area of the screen you want to copy.

7. Press the Cut and Paste key.

The Cut Completed pop-up window appears:

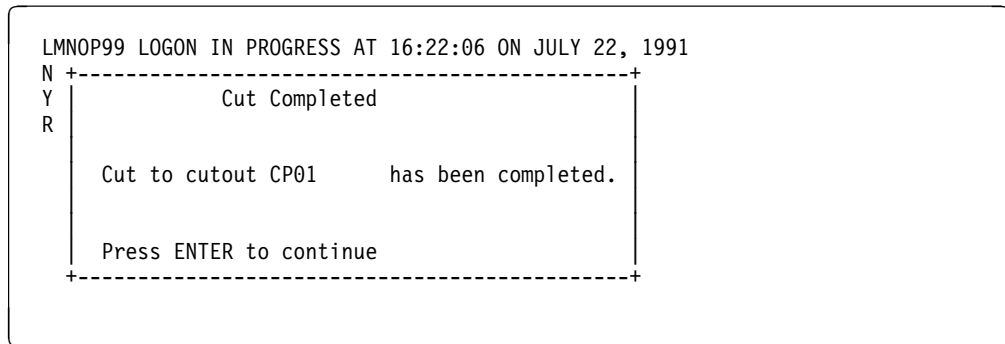


Figure 47. Cut Completed Pop-up Window

8. Press Enter.

The session window reappears.

| **Pasting**

This section describes how to copy the screen image that you cut into a different application or into another area of the same application. The cutout can be pasted only into the section of a screen that is modifiable.

1. Start a session and move to the screen where you want to paste.
2. Move the cursor to the upper left corner of the area where you want to paste.

Note: Be sure that you have enough space to accommodate the entire cutout. Lack of space can cause the cutout to be truncated or existing data to be overwritten.

3. Press the key that you have designated as the Cut and Paste key. The Cut and Paste pop-up window appears.

```

EDIT ---- LMNOP99.USER1.TEXT(SCREENS) - 01.00 ----- COLUMNS 001 072
COMMAND ==> SCROLL ==> CSR
+-----+
|                                     |
|                               Cut and Paste                               |
|                                     |
|      Make a selection with the cursor, then press ENTER.                |
|                                     |
|      Cut                                                                    |
|      Paste                                                                    |
|      Deactivate Cut and Paste                                              |
|                                     |
| ***** *      Cutout name is CP01____+      *****                    |
|                                     |
|      Command ==>                                                            |
|      Enter  F1=Help  F4=Prompt  F6=View cutout  F12=Cancel                |
|-----+

```

F13=HELP F14=SPLIT F15=END F16=RETURN F17=RFIND F18=RCHANGE
F19=UP F20=DOWN F21=SWAP F22=LEFT F23=RIGHT F24=RETRIEVE

Figure 48. Cut and Paste Pop-up Window

4. If the cutout name that you want to paste from is not the listed name, move the cursor to the field called Cutout Name Is.
5. Type the name of the cutout that has the image you want to paste. If you do not know the name of the cutout and wish to use the cutout index:
 - a. Press F4 while the cursor is in the Cutout Name Is field. The cutout index appears. The Cutout Name Is field will not appear if there is only one cutout.
 - b. Move the cursor next to the name you want to use and press Enter. The Cut and Paste pop-up window reappears with the cutout name changed to the one you selected.
6. Move the cursor to the Paste field.

If you want to preview the screen that you cut:

 - a. Press F6. The View Cutout Pop-up window appears.
 - b. When you have finished viewing the cutout, press F12. The Cut and Paste pop-up window reappears.
7. Press Enter. The cutout screen is pasted into the current session.

Viewing Sessions of Other Users (CL/SUPERSESSION)

You can view the current screen image of another user's session if your administrator has authorized you to perform this function.

To view the current screen image of another session:

1. At the home position on the Main Menu, type **FV**.
F stands for Features and V stands for View a Session.
2. Press Enter.

The View a Session pop-up window is displayed.

3. Enter the User ID and the Session ID of the session you wish to view and press Enter.

The selected session is displayed at your terminal.

Note: If Session ID is omitted and the user is in the Main Menu, the current session will be displayed.

4. To terminate the display, press F12.

CL/SUPERSESSION and CL/GATEWAY provide help in several different ways. As described in previous chapters, explanations of the commands on the Command Selection Menu are available with the Help command. Typing the I action code beside a session ID on the Main Menu displays information about the session. Typing the I action code beside a trigger on the Update Current Trigger Profile displays information about the trigger. This chapter describes the help available through the Help choice on the action bar and through the function keys F1 and F2.

Help from the Action Bar

The Help choice displays explanations similar to this guide. The three kinds of help are described below.

- *Tutorial help* describes the Common User Access (CUA) as it is implemented in CL/SUPERSESSION and CL/GATEWAY.
- *How to get help* contains information similar to this chapter.
- *Help with function keys* explains the function keys displayed at the bottom of the screen. This information is similar to the description in “Function Keys” on page 24.

To access the Help Menu:

1. At the action bar, type **H**.
2. Press Enter.

The Help Menu is displayed.

```

h  Actions Options Commands Features Help
-----+-----+
                                CL/SUPERSESSION
                                Help Menu
Select sessions with a "/" or an
                                Type a selection number or position the
                                cursor on a line and press Enter.
                                - 1. Tutorial help (T)...
                                2. How to get help (H)...
                                3. Help with function keys (K)..
                                Command ==>
                                Enter F1=Help F12=Cancel
-----+-----+

Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
                                SYSA/L611A14

```

Figure 49. Help Pull-down Menu

3. Move the cursor next to the topic you want to review, for example, **Tutorial Help**, and press Enter.

A window displaying information appears.

```

Actions Options Commands Features Help
-----+-----+
                                Tutorial Help
                                More: +
Select sessions
                                This product has been designed in accordance with the
                                design specifications and guidelines set forth in
                                the Common User Access (CUA) component of IBM's
                                System Application Architecture (SAA). The tutorial
                                is intended not to teach you the product but to teach
                                you how to learn about the product by introducing the
                                conventions of the CUA type interface.
                                Session ID D
                                ----- -
                                TSOA S
                                TSOB S
                                VM V
                                CL/ENGINE 0
                                You have already discovered the Action Bar at the top
                                of the current panel. The action bar is a major
                                Command ==>
                                Enter F1=Help F8=Fwd F12=Cancel
-----+-----+

Command ==>
Enter F1=Help F3=Exit F5=Refresh F8=Fwd F9=Retrieve F10=Action
                                SYSA/KLST0001

```

Figure 50. Tutorial Help Pop-up Window

4. Use the function keys, F7 and F8, to scroll forward and backward through the text.
5. To exit Help and return to the Main Menu, press F12.

Help for Panels and Fields

Help is also available for individual panels and fields within panels.

Help for Panels

To display help for a panel:

1. Press F1 while you are viewing the panel and the cursor is in a nonchangeable field.

A window displaying information about actions or selections for that panel appears.

2. To display additional help for the same panel, press F2.
3. To return to the previous panel, press F12.

Help for Fields

To display help for a field:

1. Move the cursor to the field.
2. Press F1.

A window that describes that field is displayed. The Help panel in Figure 51 on page 110 was displayed when F1 was pressed on the Session ID field on the Add a Session to the Menu panel.

```

      Actions Options Commands Features Admin Help
-----
                CL/SUPERSESSION Main Menu                More:
Select sessions with a "/" or an action code.

  Session ID  Description                Type      Status
-----
a TSOA
+-----+
|                Add a Session to the Menu                More: +
|                Define the session, then press ENTER.
|                Session ID.....                        (Any 8 characters)
+-----+
|                Help for Session ID                More:
|
|                The Session ID is a 1- to 8-character name that
|                uniquely identifies a session on the Session Selec-
|                tion Menu. It consists of any valid alphanumeric or
|                special characters. The ID is assigned when the
|                session is defined and is always paired with the name
|                of an application program. A session is started when
|                the session ID is selected from the menu or specified
|                as an operand on a start, select, or background
|                command.
|
|                Command ==>
|                Enter F1=Help F2=Ex help F12=Cancel
+-----+
+-----+
ACF01137 LMNOP99 LAST SYSTEM ACCESS 16.07-07/22/91 FROM A0000111
Command ==> SYSA/KLST0001
Enter F1=Help F3=Exit F5=Refresh F9=Retrieve F10=Action

```

Figure 51. Field Help Pop-up Window

3. To display additional help for the same field, press F2.
4. To return to the previous panel, press F12.

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