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# Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>List of Illustrations</td>
<td>5</td>
</tr>
<tr>
<td>List of Tables</td>
<td>7</td>
</tr>
<tr>
<td>Read This First</td>
<td>9</td>
</tr>
<tr>
<td><strong>Chapter 1. Introduction</strong></td>
<td>17</td>
</tr>
<tr>
<td>Features of CL/SUPERSESSION and CL/GATEWAY</td>
<td>17</td>
</tr>
<tr>
<td>Differences between CL/SUPERSESSION and CL/GATEWAY</td>
<td>18</td>
</tr>
<tr>
<td>Supported Devices</td>
<td>18</td>
</tr>
<tr>
<td>Common User Access (CUA)</td>
<td>18</td>
</tr>
<tr>
<td><strong>Chapter 2. Logging On and Logging Off</strong></td>
<td>19</td>
</tr>
<tr>
<td>Logging onto CL/SUPERSESSION and CL/GATEWAY</td>
<td>19</td>
</tr>
<tr>
<td>Main Menu</td>
<td>20</td>
</tr>
<tr>
<td>Logging off CL/SUPERSESSION and CL/GATEWAY</td>
<td>29</td>
</tr>
<tr>
<td><strong>Chapter 3. Using CL/SUPERSESSION and CL/GATEWAY</strong></td>
<td>33</td>
</tr>
<tr>
<td>Fast Pathing</td>
<td>34</td>
</tr>
<tr>
<td>Starting a Session</td>
<td>35</td>
</tr>
<tr>
<td>Terminating a Session</td>
<td>36</td>
</tr>
<tr>
<td>Help for a Session</td>
<td>36</td>
</tr>
<tr>
<td>Printing a Screen (CL/SUPERSESSION)</td>
<td>37</td>
</tr>
<tr>
<td>Transmitting a Screen (CL/SUPERSESSION)</td>
<td>38</td>
</tr>
<tr>
<td>Sending Messages to Other Users</td>
<td>39</td>
</tr>
<tr>
<td><strong>Chapter 4. Customizing the Selection List</strong></td>
<td>43</td>
</tr>
<tr>
<td>Terminology</td>
<td>43</td>
</tr>
<tr>
<td>Adding a New Session to the Session List (CL/SUPERSESSION)</td>
<td>44</td>
</tr>
<tr>
<td>Adding a Session from a Predefined List</td>
<td>47</td>
</tr>
<tr>
<td>Modifying a Session Definition on the Selection List</td>
<td>49</td>
</tr>
<tr>
<td>Displaying Additional Session Information</td>
<td>50</td>
</tr>
<tr>
<td>Deleting a Session from the Selection List</td>
<td>54</td>
</tr>
<tr>
<td><strong>Chapter 5. Managing Your System</strong></td>
<td>57</td>
</tr>
<tr>
<td>Changing Terminal and System Options</td>
<td>57</td>
</tr>
<tr>
<td>Updating Personal Information</td>
<td>59</td>
</tr>
<tr>
<td>Transferring Files (CL/SUPERSESSION)</td>
<td>60</td>
</tr>
<tr>
<td>Solving File Transfer Problems</td>
<td>60</td>
</tr>
<tr>
<td><strong>Chapter 6. Commands</strong></td>
<td>63</td>
</tr>
<tr>
<td>Using the Commands Pull-down Menu</td>
<td>63</td>
</tr>
<tr>
<td>Fast Pathing</td>
<td>64</td>
</tr>
<tr>
<td>Types of Commands</td>
<td>65</td>
</tr>
<tr>
<td>-------------------</td>
<td>----</td>
</tr>
<tr>
<td>Add</td>
<td>65</td>
</tr>
<tr>
<td>Background (CL/SUPERSESSION)</td>
<td>67</td>
</tr>
<tr>
<td>BEep</td>
<td>67</td>
</tr>
<tr>
<td>BOTTom</td>
<td>67</td>
</tr>
<tr>
<td>BUlletins</td>
<td>68</td>
</tr>
<tr>
<td>Date or TIme</td>
<td>69</td>
</tr>
<tr>
<td>DElete</td>
<td>69</td>
</tr>
<tr>
<td>eXit</td>
<td>70</td>
</tr>
<tr>
<td>Help</td>
<td>71</td>
</tr>
<tr>
<td>List</td>
<td>72</td>
</tr>
<tr>
<td>LOck</td>
<td>74</td>
</tr>
<tr>
<td>Msgid</td>
<td>74</td>
</tr>
<tr>
<td>News</td>
<td>75</td>
</tr>
<tr>
<td>Panid</td>
<td>76</td>
</tr>
<tr>
<td>REOrder</td>
<td>77</td>
</tr>
<tr>
<td>Reset</td>
<td>78</td>
</tr>
<tr>
<td>REtrieve</td>
<td>78</td>
</tr>
<tr>
<td>Start</td>
<td>78</td>
</tr>
<tr>
<td>Terminate</td>
<td>80</td>
</tr>
<tr>
<td>TOP</td>
<td>80</td>
</tr>
<tr>
<td>Whoami</td>
<td>81</td>
</tr>
</tbody>
</table>

Chapter 7. Triggers (CL/SUPERSESSION) ........................................ 83
  Parts of a Trigger ......................................................... 83
  Triggers Included with CL/SUPERSESSION ................................ 85
  Using Triggers ..................................................................... 86
  Updating Triggers .............................................................. 86

Chapter 8. Windows (CL/SUPERSESSION) ......................................... 93
  Preparing to Use Windows .................................................... 94
  Moving between Windows ..................................................... 97

Chapter 9. Other CL/SUPERSESSION Features .................................. 99
  Cut and Paste Facility (CL/SUPERSESSION) .............................. 99
  Viewing Sessions of Other Users (CL/SUPERSESSION) ................ 105

Chapter 10. Help ................................................................. 107
  Help from the Action Bar .................................................... 107
  Help for Panels and Fields ................................................ 109

Index ................................................................................. 111
List of Illustrations

1. Entry Validation Panel ........................................... 19
2. CL/SUPERSESSION and CL/GATEWAY Main Menu ................. 20
3. CL/SUPERSESSION and CL/GATEWAY Main Menu with Pull-down Menu ........................................... 26
4. Update Personal Options Pop-up Window ........................................... 27
5. Help Pop-up Window for Command Prompt ........................................... 28
6. Exit Menu Pop-up Window ........................................... 29
7. Exit Menu Pop-up Window - Active Sessions ........................................... 30
8. Action Code Pull-down Menu ........................................... 33
9. Print Screen Pop-up Window ........................................... 37
10. Print Screen Pop-up Message Window ........................................... 38
11. Transmit Screen Image Pop-up Window ........................................... 39
12. Send Message Pop-up Window ........................................... 40
13. Message from <user ID> Pop-up Window ........................................... 41
14. Add a Session to the Menu Pop-up Window (Panel 1) ........................................... 45
15. Add a Session to the Menu Pop-up Window (Panel 2) ........................................... 47
16. Add Sessions to Selection Menu Pop-up Window ........................................... 48
17. Modify a Session Definition Pop-up Window ........................................... 50
18. Session Information Pop-up Window ........................................... 51
19. Delete Confirmation Pop-up Window ........................................... 54
20. Update Personal Options Pop-up Window ........................................... 57
21. Update Personal Information Pop-up Window ........................................... 59
22. Command Selection Menu ........................................... 63
23. Add a Session to the Menu Pop-up Window ........................................... 66
24. Network Bulletins Pop-up Window ........................................... 68
25. Date and Time Pop-up Window ........................................... 69
26. Session Profile Deletion Pop-up Window ........................................... 70
27. Help for Commands Pop-up Window ........................................... 71
28. Add Sessions to Selection Menu Pop-up Window ........................................... 72
29. Session Information Pop-up Window ........................................... 73
30. Terminal is Locked Pop-up Window ........................................... 74
31. Network News Pull-down Menu ........................................... 75
32. Network News Pop-up Window ........................................... 76
33. Reorder Menu ........................................... 77
34. Reset Command Pop-up Window ........................................... 78
35. Start a Session Pop-up Window ........................................... 79
36. Session Termination Pop-up Window ........................................... 80
37. Who Am I Pop-up Window ........................................... 81
38. Add a Trigger Pop-up Window ........................................... 87
39. Add Triggers from Global Trigger List Pop-up Window ........................................... 88
40. Delete Confirmation Pop-up Window ........................................... 90
41. Trigger Help Pop-up Window ........................................... 91
42. CL/SUPERSESSION and CL/GATEWAY Main Menu with Two Session Windows ........................................... 93
43. Multiple Windows with Window Control Pop-up Menu ........................................... 94
44. Update Window Options Pop-up Window ........................................... 95
45. Cut and Paste Options Pop-up Window ......................... 100
46. Cut and Paste Pop-up Window .................................. 102
47. Cut Completed Pop-up Window ................................. 103
48. Cut and Paste Pop-up Window .................................. 104
49. Help Pull-down Menu ............................................ 108
50. Tutorial Help Pop-up Window ................................... 108
51. Field Help Pop-up Window ........................................ 110
<table>
<thead>
<tr>
<th></th>
<th>List of Tables</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CL/SUPERSESSION and CL/GATEWAY Documentation</td>
<td>14</td>
</tr>
<tr>
<td>2</td>
<td>SNA Terminals</td>
<td>25</td>
</tr>
<tr>
<td>3</td>
<td>Non-SNA Terminals</td>
<td>25</td>
</tr>
<tr>
<td>4</td>
<td>File Transfer Options</td>
<td>51</td>
</tr>
<tr>
<td>5</td>
<td>Triggers Supplied with CL/SUPERSESSION</td>
<td>85</td>
</tr>
</tbody>
</table>
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® (CECS®) 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.

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

Note: In ordinary text, variable names appear in italics.
The following symbols may appear in command syntax.

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

<table>
<thead>
<tr>
<th>Document Number</th>
<th>Document Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS99-3783</td>
<td>Program Directory</td>
<td>Provides installation instructions and details all other installation considerations.</td>
</tr>
<tr>
<td>LS55-3785</td>
<td>Basic Configuration Guide</td>
<td>Provides basic instructions for customizing CL/SUPERSESSION and CL/GATEWAY to the specific needs of your network, system, and users.</td>
</tr>
<tr>
<td>LS51-3781</td>
<td>Customization Guide</td>
<td>Provides instructions and explanations for customizing CL/SUPERSESSION and CL/GATEWAY to the needs of your network, system, and users.</td>
</tr>
<tr>
<td>LS54-3786</td>
<td>User's Guide</td>
<td>Contains brief instructions on how to operate CL/SUPERSESSION and CL/GATEWAY.</td>
</tr>
<tr>
<td>LS99-3789</td>
<td>Operator's Guide</td>
<td>Describes the CT/Engine operator facility and commands used by CT/Engine, CL/SUPERSESSION, and CL/GATEWAY.</td>
</tr>
<tr>
<td>Document Number</td>
<td>Document Name</td>
<td>Description</td>
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<tr>
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<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>LS99-4225</td>
<td>Introduction to SSPL Dialogs</td>
<td>Introduces users to the Structured Session Procedure Language (SSPL); shows how to customize and use some simple dialogs written in SSPL.</td>
</tr>
<tr>
<td>LS99-3821</td>
<td>SSPL Programming Guide</td>
<td>Explains how to create your own dialogs with SSPL, using a sample application that creates and manages a table.</td>
</tr>
<tr>
<td>LS57-3780</td>
<td>Problem Determination Guide</td>
<td>Contains instructions and documentation recommendations for locating and solving problems in CL products.</td>
</tr>
<tr>
<td>LS52-3788</td>
<td>Messages Manual</td>
<td>Lists and explains all CT/Engine, CL/SUPERSESSION, and CL/GATEWAY messages and suggests appropriate user actions.</td>
</tr>
<tr>
<td>LS59-3801</td>
<td>Master Index</td>
<td>Contains a master index for all CL/SUPERSESSION and CL/GATEWAY manuals that contain indexes.</td>
</tr>
</tbody>
</table>
Chapter 1. Introduction

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.
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...... ________

Bulletins:
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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   10  TSOA  System A TSO Multi
11   11  TSOB  System B TSO Multi
12   12  VM   VM/SP Multi
13   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:

<table>
<thead>
<tr>
<th><strong>Session ID</strong></th>
<th>A string of 1 to 8 characters that identifies the session to CL/SUPERSESSION and CL/GATEWAY.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>A description provided by you or your administrator.</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Status</strong></td>
<td>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:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>blank</td>
<td>The application is available.</td>
</tr>
<tr>
<td>Active</td>
<td>You have a session established with this application. (Also referred to as a background session.)</td>
</tr>
<tr>
<td>Current</td>
<td>You have a session established with this application, and it is the session you most recently used.</td>
</tr>
<tr>
<td>Quiesced</td>
<td>The application is preparing to shut down and is not accepting logons.</td>
</tr>
<tr>
<td>Unavailable</td>
<td>The primary application is not accepting logons. You cannot start a session with the application unless your site has defined an alternate session.</td>
</tr>
<tr>
<td>Undefined</td>
<td>This session ID appears on your Main Menu but the application is not known to the network; perhaps the application has not been started.</td>
</tr>
<tr>
<td>Unknown</td>
<td>The primary application has not yet indicated whether it is available for use. A large amount of traffic may be delaying the response.</td>
</tr>
<tr>
<td>Setup</td>
<td>The VSM resources have been allocated but the logon is delayed.</td>
</tr>
<tr>
<td>Stopped</td>
<td>The application is momentarily not accepting logons.</td>
</tr>
</tbody>
</table>
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/SUPERSESSION 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/SUPERSESSION 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.
**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

<table>
<thead>
<tr>
<th>IF . . .</th>
<th>THEN . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>you press ATTN once</td>
<td>you return to the Main Menu</td>
</tr>
<tr>
<td>you press ATTN twice</td>
<td>you return to the Main Menu, then to the active foreground session, and the attention function is passed to the application</td>
</tr>
</tbody>
</table>

### Table 3. Non-SNA Terminals

<table>
<thead>
<tr>
<th>IF . . .</th>
<th>AND . . .</th>
<th>THEN . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>you have an SNA virtual session</td>
<td>you press PA1 once (see Note below)</td>
<td>you return to the Main Menu</td>
</tr>
<tr>
<td>you have an SNA virtual session</td>
<td>you press PA1 twice (see Note below)</td>
<td>the attention function is passed to the application</td>
</tr>
<tr>
<td>you have a non-SNA virtual session</td>
<td>you press PA1 once (see Note below)</td>
<td>the attention function is passed to the application</td>
</tr>
</tbody>
</table>

**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 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.

![Figure 3. CL/SUPERSESSION and CL/GATEWAY Main Menu with Pull-down Menu](image)

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.

![Update Personal Options Pop-up Window](image)

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.

![Help Pop-up Window for Command Prompt](image)

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).

   ![Exit Menu Pop-up Window](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.

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.
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.

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).
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 $ 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 $ beside the session ID on the Main Menu, and press Enter.
- At the Command prompt, type $ 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 $ 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/SUPERSESSION)

This action enables you to print a screen image from an active application session. (The trigger @p, described in “Triggers (CL/SUPERSESSION)” 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.

   \textbf{Note:} The session must be active.

3. Type \texttt{P}.

4. Press Enter.

5. The Print Screen window appears.

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.
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:
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:
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.
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.
4. 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:

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.
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.

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.
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.

```
<table>
<thead>
<tr>
<th>Actions</th>
<th>Options</th>
<th>Commands</th>
<th>Features</th>
<th>Help</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL/SUPERSESSION Main Menu</td>
<td>More: +</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Session ID</th>
<th>Description</th>
<th>Type</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>i</td>
<td>TSOA System A TSO</td>
<td>Multi</td>
<td></td>
</tr>
<tr>
<td>TSOB</td>
<td>System B TSO</td>
<td>Multi</td>
<td>Undefined</td>
</tr>
<tr>
<td>VM</td>
<td>VM/SP</td>
<td>Multi</td>
<td></td>
</tr>
</tbody>
</table>

```

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**

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:

- **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.

- **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.

- **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.

**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.
<table>
<thead>
<tr>
<th><strong>Initial status</strong></th>
<th>Specifies whether the session is started automatically when you log onto an application:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>D</strong> Define.</td>
<td>The session is defined but not activated. Status is inactive.</td>
</tr>
<tr>
<td><strong>F</strong> Foreground.</td>
<td>The session is defined and activated. Status is current.</td>
</tr>
<tr>
<td><strong>B</strong> Background.</td>
<td>The session is defined and activated. Status is active, but not current.</td>
</tr>
</tbody>
</table>

| **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. |

**Note:** This dialog does not get control when a user performs the normal logoff sequence for an application.
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 Pop-up Window](image)

   **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.

```
<table>
<thead>
<tr>
<th>op Actions Options Commands Features Help</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select sess</td>
</tr>
<tr>
<td>Session</td>
</tr>
<tr>
<td>TSOA</td>
</tr>
<tr>
<td>TSOB</td>
</tr>
<tr>
<td>VM</td>
</tr>
<tr>
<td>CL/ENGINE</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Command ===> 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 01 and press Enter.
   The O stands for Options and the I stands for Personal Information.
   The Update Personal Information pop-up window appears.

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

<table>
<thead>
<tr>
<th>Option</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outbound data compression</td>
<td>Y</td>
</tr>
<tr>
<td>Inbound data compression</td>
<td>Y</td>
</tr>
<tr>
<td>CL/SUPERSESSION reply mode</td>
<td>N</td>
</tr>
<tr>
<td>Read-buffer mode</td>
<td>N</td>
</tr>
<tr>
<td>Query passthru</td>
<td>N</td>
</tr>
<tr>
<td>Read-modified for PA keys</td>
<td>Y</td>
</tr>
<tr>
<td>Read-modified for ATTN keys</td>
<td>Y</td>
</tr>
<tr>
<td>Fullread mode</td>
<td>N</td>
</tr>
</tbody>
</table>

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.

   ![Command Selection Menu](image)

   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 BBeep 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.
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.
The BUlletins command displays information posted by your administrator.

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

```
WELCOME TO THE CL/GATEWAY NETWORK MANAGER.
CL/GATEWAY PROVIDES SECURE, EFFICIENT, AND FRIENDLY
APPLICATION ACCESS FACILITIES FOR NETWORK USERS.
PLEASE BROWSE THE HELP SCREENS AND THE NETWORK NEWS FACILITIES.
Enter F1=Help F12=Cancel
```

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.

![Figure 25. Date and Time Pop-up Window](image)

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

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.

---

Figure 26. Session Profile Deletion Pop-up Window

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

Press Enter to continue.
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.

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.

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

```
<table>
<thead>
<tr>
<th>Actions</th>
<th>Options</th>
<th>Commands</th>
<th>Features</th>
<th>Help</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL/SUPERSESSION Main Menu</td>
<td>More: +</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Session ID</th>
<th>Description</th>
<th>Type</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>i TSOA</td>
<td>System A TSO</td>
<td>Multi</td>
<td></td>
</tr>
<tr>
<td>TSOB</td>
<td>System B TSO</td>
<td>Multi</td>
<td>Undefined</td>
</tr>
<tr>
<td>VM</td>
<td>VM/SP</td>
<td>Multi</td>
<td></td>
</tr>
</tbody>
</table>

```

```plaintext
(APL) Session id........: TSOA (APL) Display group...: 900
(APL) Session type......: Multi (APL) Display order...: 7
(APL) Session source....: APPLEDEF (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
```

Figure 29. Session Information Pop-up Window

3. 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.

4. After viewing the additional information, press F12 until the Add Sessions to Selection menu appears.

5. Type A next to the session you wish to add to the Main Menu.

6. 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.

![Terminal is Locked Pop-up Window](image)

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.
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.

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.
Select sessions with a cursor on a line and press Enter.

<table>
<thead>
<tr>
<th>Session ID</th>
<th>Descrip</th>
<th>1. Gateway services (G)...</th>
</tr>
</thead>
<tbody>
<tr>
<td>------------</td>
<td>---------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>+-----------</td>
<td>---------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>CL/GATEWAY</td>
<td>Terminal Pooling</td>
<td>+---------------------------</td>
</tr>
</tbody>
</table>

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.

```
<table>
<thead>
<tr>
<th>c</th>
<th>Actions</th>
<th>Options</th>
<th>Commands</th>
<th>Features</th>
<th>Help</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>More:</td>
</tr>
<tr>
<td>Select ses</td>
<td>Modify display group or order and press ENTER.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session</td>
<td>Session ID</td>
<td>Description</td>
<td>Group</td>
<td>Order</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>------------</td>
<td>--------------</td>
<td>-------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>TSOA</td>
<td>TSOA</td>
<td></td>
<td></td>
<td>9999</td>
<td></td>
</tr>
<tr>
<td>TSOB</td>
<td>TSOB</td>
<td></td>
<td></td>
<td>9999</td>
<td></td>
</tr>
<tr>
<td>TSOC</td>
<td>TSOC</td>
<td></td>
<td></td>
<td>9999</td>
<td></td>
</tr>
</tbody>
</table>

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

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:

```
Establishing default application environment for <userid>

Please stand by
```

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.
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.

![Session Termination Pop-up Window](image)

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.
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.

<table>
<thead>
<tr>
<th>Select sessions with a</th>
<th>User ID...........: USER01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session ID</td>
<td>System............: SYSA</td>
</tr>
<tr>
<td>Descrip</td>
<td>Device............: KLST0001</td>
</tr>
<tr>
<td></td>
<td>Default logmode...: D4A32782</td>
</tr>
<tr>
<td></td>
<td>ACB name..........: CL601</td>
</tr>
<tr>
<td>TSOA System</td>
<td>Date..............: 03/01/93</td>
</tr>
<tr>
<td>TSOB System</td>
<td>Time..............: 09:01:51</td>
</tr>
<tr>
<td>VM VM/SP</td>
<td>Press Enter to continue</td>
</tr>
<tr>
<td>CL/ENGINE Operato</td>
<td></td>
</tr>
</tbody>
</table>

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

Figure 37. Who Am I Pop-up Window

After viewing the information, press Enter to display the Main Menu.
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.
The triggers supplied with CL/SUPERSESSION are listed in Table 5.

### Table 5. Triggers Supplied with CL/SUPERSESSION

<table>
<thead>
<tr>
<th>Hot Phrase</th>
<th>Parameter</th>
<th>Hot Key</th>
<th>Action</th>
<th>Dialog</th>
</tr>
</thead>
<tbody>
<tr>
<td>\g</td>
<td>session ID</td>
<td>Enter</td>
<td>Go to the session named. For example, \g tso goes to TSO.</td>
<td>KLSGOTO</td>
</tr>
<tr>
<td>\j</td>
<td>window ID</td>
<td>Enter</td>
<td>Jump to the next window or to the window named. For example, \j goes to the next window, and \ja goes to window A.</td>
<td>KLSNEXTW</td>
</tr>
<tr>
<td>\l</td>
<td></td>
<td>Enter</td>
<td>Lock the physical terminal.</td>
<td>KLSLOCK</td>
</tr>
<tr>
<td>\m</td>
<td></td>
<td>Enter</td>
<td>Display the Main Menu.</td>
<td>none</td>
</tr>
<tr>
<td>\n</td>
<td></td>
<td>Enter</td>
<td>Move to the next active session according to the order the sessions were started.</td>
<td>KLSNEXTS</td>
</tr>
<tr>
<td>\o</td>
<td>session ID</td>
<td>Enter</td>
<td>Display the virtual terminal options panel.</td>
<td>KLSVTOPT</td>
</tr>
<tr>
<td>\p</td>
<td></td>
<td>Enter</td>
<td>Move to the previous active session according to the order the sessions were started.</td>
<td>KLSPREVS</td>
</tr>
<tr>
<td>\q</td>
<td>X or N</td>
<td>Enter</td>
<td>Log off CL/SUPERSESSION with X to terminate sessions or with N to exit without terminating sessions.</td>
<td>KLSQUIT</td>
</tr>
<tr>
<td>\z</td>
<td></td>
<td>Enter</td>
<td>Toggle the window between zoomed and unzoomed states.</td>
<td>KLSZOOM</td>
</tr>
<tr>
<td>@p</td>
<td>session ID</td>
<td>Enter</td>
<td>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.)</td>
<td>KLSPRINT</td>
</tr>
</tbody>
</table>
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.

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.

8. 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.

1. Move the cursor next to a trigger.
2. Type L.
3. Press Enter.

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

![Figure 39. Add Triggers from Global Trigger List Pop-up Window](image-url)
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.

```
+-------------------------------------------------+
| Delete Confirmation                              |
| Select one of the following, then press Enter.   |
| _ 1. Delete trigger.                             |
|  2. Cancel deletion.                            |
| Command ===>______________                      |
| Enter F1=Help  F12=Cancel                        |
+-------------------------------------------------+
```

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.

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

**Displaying Trigger Information**

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

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

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

```
<table>
<thead>
<tr>
<th>Actions</th>
<th>Options</th>
<th>Commands</th>
<th>Features</th>
<th>Help</th>
</tr>
</thead>
</table>
| Session ID | Trigger phrase..: 
| Trigger key....: Enter |
| Trigger dialog..: KLSNEXTS |

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 |

Figure 41. Trigger Help Pop-up Window
```

4. Press F12 when you have finished viewing the help information.

The Update Current Trigger Profile pop-up window reappears.

5. Press F12 to return to the Main Menu.
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](image)

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

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

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

```
<table>
<thead>
<tr>
<th>Actions</th>
<th>Options</th>
<th>Commands</th>
<th>Features</th>
<th>Help</th>
</tr>
</thead>
<tbody>
<tr>
<td>---------</td>
<td>---------</td>
<td>----------</td>
<td>----------</td>
<td>------</td>
</tr>
<tr>
<td>Select sess</td>
<td>Define window control options and then press ENTER.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session</td>
<td>Window control key..... PA1 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TSOA</td>
<td>Display window........ Y + (Y or N)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vertical split key..... F4 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Horizontal split key... F2 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zoom/Unzoom key........ F3 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Next WINDOW key........ F9 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scroll up key.......... F7 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scroll down key........ F8 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scroll left key........ F10 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scroll right key....... F11 +</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Delete key............. F5 +</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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.
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.
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:

      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.


      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.
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.

   ![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.
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.

Figure 48. Cut and Paste Pop-up Window
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.
3. Move the cursor next to the topic you want to review, for example, Tutorial Help, and press Enter.

A window displaying information appears.

**Figure 49. Help Pull-down Menu**

**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.
<table>
<thead>
<tr>
<th>Session ID</th>
<th>Description</th>
<th>Type</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>TSOA</td>
<td>Multi</td>
<td>Undefined</td>
</tr>
</tbody>
</table>

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 Selection 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

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.
Index

A

action bar
  definition 22
  description 21
action code 22
Action Code Menu 33
action codes 33
actions
  choice on action bar 22
  codes 22
active status 23
Add command 65
adding
  sessions 44
  triggers 86, 88
alternate appl 53
APL 51
APPLDEF 44
application help 36
application ID 52
  adding 45
  alternate appl 45
APPLIST 44
attention key 25
ATTN key

B

Background command 67
background session 23, 53
  starting 35, 67
beep
  command 67
  set as personal option 58
Bottom command 67
Bulletins command 68

C

cancel (F12) 25
Candle Electronic Customer Support (CECS) 10
CECS
  See Candle Electronic Customer Support (CECS)
choices on action bar 22
command control commands 65
command prompt
  definition 28
  description 21
  entering commands 63
Command Selection Menu 63
commands 63
  Add 65
  Background 67
  Beep 67
  Bottom 67
  Bulletins 68
  choice on action bar 22
  Date 69
  Delete 69
  Exit 70
  Help 70
  List 72
  Lock 74
  Msgid 74
  News 75
  Panid 76
  Reorder 77
  Reset 78
  Retrieve 78
  Start 78
  Terminate 80
  TIme 69
  Top 80
  Whoami 81
Common User Access (CUA)
  description 18
  tutorial 107
compression 46
Confirm delete 58
conventions, documentation 12
copying
  See cut and paste
CUA
  See Common User Access (CUA)
current status 23
cursor selection 58
customer support 10
cut and paste 99
copy a screen 101
cut and paste (continued)
cutout name 100
paste a screen 103
cutout 99
index 100
name 100

D
data compression 46
date 69
default
  function keys 24
  printer 58
  triggers 85
Define status 53
Delete command 69
Delete Confirmation pop-up window 58
deleting
  modifications to session list 69
  sessions 54
  triggers 90
  windows 97
dialog 83
  definition 43
  initial 59
  supplied with CL/SUPERSESSION 85
  trigger 84
display group field 45
display order
  adding 45
  description field 53
documentation conventions 12
documentation set 14

E
electronic customer support 10
environment control commands 65
Exit command 70
exit key (F3) 24
exiting CL/SUPERSESSION 29
extended help key (F2) 24

F
F keys
  See function keys
fast pathing
    bypassing pull-down menus 34
    bypassing the Command Selection Menu 64
Features choice 22
file transfer 54
  enabling and disabling 60
  trigger 60, 89
foreground session 35, 53
fullread mode 60
function keys 24, 107
  window functions 96

G
GBL 51
global profile 43
go to
  session ID 85
  window 85
group display 45
group number field 53
group profile 43
GRP 51

H
help 22
  application help 36
  command 70
  command prompt 28
  extended help key 24
  function keys 24
  panel 52
  select from action bar 36, 107
  session help 36
  tutorial 107
  types of 107
home
  key (F10) 25
  position 21
  horizontal split 96
I
illustrations list 4
IMS-related fields 54
inbound data compression 60
information commands 65
initial dialog name field
  on Add a Session to the Menu 46
  on Session Information panel 53
  on Update Personal Options panel 59
  replaced by logon data 52
initial status field 46, 52

J
jump to a window
  \j trigger 85
  in windows 96

K
keys
  See attention key
  See function keys
  See trigger key

L
language selection 58
List command 72
lock terminal
  command 74
  trigger 85
logging off
  with \q 85
  with F3 29
logging on 19
logmode name field 46, 52
logon data field 52

M
Main Menu 20
  display trigger 85
  groups 58
  session information 23

menu control commands 65
message
  IDs 58
  line 21
  sending 39
  modifying a session 49
More indicator 21
move
  to the next active session 85
  to the previous active session 85
Msgid (message id)
  command 74
  on Update Personal Options panel 58
Multi session type 52

N
National language selection 58
next window 96

O
online help
  See help
operator message field 53
options
  personal 57
Options choice 22
outbound compression 60

P
PA1 25, 95
panel description 21
Panel ID
  command 76
  display 58
Pass session type 52
password 19
personal information 59
personal options, setting 57
physical terminal 43
pop-up windows 27
preferences, setting 22, 57
printer, default 58
printing a screen 37
  trigger 85
profile  43
promptable fields (F4)  24
pull-down menus  26

Q
query SINGLE  60
quiesced status  23

R
read-buffer mode  60
read-modified
   ATTN key  60
   PA key  60
refresh key (F5)  24
reinitialize CL/SUPERSESSION  78
reorder sessions command  77
reply mode operation  60
reset CL/SUPERSESSION  78
reset key (F9)  24, 50
restoring session list  69
resuming a session  35
retrieve
   key (F9)  24
   last command  78
retrieve key (F9)  24
RTM interface  60

S
screen print  37
scrolling  96
   backward (F7)  24
   forward (F8)  24
   indicator  21
selection list  21
sending messages  39
session control  65
session ID
   definition  23
   on the Add a Session to the Menu panel  51
   on the Main Menu  21
session information  23
sessions
   adding  44
   adding from list  47
   appl ID  45
sessions (continued)
   background  35
data  46
deleting  54
foreground  35
group  46
group number  45
information  50
initial dialog  46
initial status  46
modifying  49
printing a screen  37
saving  30
session ID  21, 45
source field  52
starting  33
   in background  35
status  23
terminal pool  46
terminating  36, 80
transmit screen image  38
types  23, 52
userdata  46
VTAM logmode name  46
setup status  23
simlogon  53
SINGLE session type  52
sizing  96
SNA terminal  25
Start command  78
starting a session  33
   background  35, 67
cursor selection  58
   foreground  35, 78
Status field  23
stop status  23
support
   See customer support
symbols, use of  13

T
tables list  6
takedown status  24, 36
telephone support  10
terminal  43
   ID  21
   physical  43
   virtual  43
terminal pool
description field 53
name 46
terminate
  a session 36
  all sessions 80
dialog 53
termination dialog name 46
time 69
Top command 80
transferring files 60
transmit a screen image 38
trigger key 83
trigger phrase 83
triggers 43, 83
  \ft 60, 89
  adding 86
  adding from list 88
default 85
deleting 90
displaying information about 91
file transfer 60
modifying 90
supplied with CL/SUPERSESSION 85
update current list 86
tutorial help 107
type, session 23, 52

V
vertical split 96
viewing sessions 105
virtual terminal 43
description field 53
VTAM logmode name field 46

W
Whoami command 81
window options pop-up 95
windows 94
  closing 94
display window 95
horizontal split 96
displaying information about 91
keys 94
next window 96
opening 94
scrolling in 96
vertical split 96
zoom/unzoom 96

Z
zoom/unzoom
  key 96
  trigger 85