Infor ERP System i A3

System Manager Administration Functions

Product Guide

INFOR™

Frontispiece

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Chapter 1 - Maintenance

Administration Functions

Access Administration Functions by entering STRWFI on a command line. The System Manager Main menu is displayed. Enter **5** to select Administration Functions.

Alternatively, enter STRWFICF on a command line to go straight to Administration Functions.

Use the options available within Administration Functions to maintain parameters that are common across all System Manager modules.

Administration Functions is a prerequisite for all other modules within System Manager.

Note: Access to Administration Functions is controlled by your System Manager user profile. If you cannot access Administration Functions, contact your server security officer. When shipped, System Manager is set up only to allow access to the system security officer (QSECOFR).

You can set up and maintain the following system-wide parameters within Administration Functions.

• Language Parameters

Within System Manager, users who speak different languages can all use the same iSeries 400, but have windows and messages shown in their native language. Use Language Parameters to maintain language descriptions for the language options on the system.

• Company Parameters

When running application software, or your own software, you may want to use a multi-company environment. Use Company Parameters to set up and maintain company details.

• Soft Options

You may have a set of jobs or tasks that you carry out routinely on the iSeries 400. Use soft options to set up these jobs or tasks and run them from anywhere within System Manager.

Administration Functions Menu

```
Administration Menu                          [?]

    1. System Manager Properties
    2. Maintain User Profiles
    3. Print User Profiles
    4. Maintain Language Parameters
    5. Apply Authorisation Codes
    6. Licence Usage Enquiry
    7. Maintain Company Parameters
    8. Maintain Soft Options
    9. Authorisation Violation Log
   10. Maintain Role Profiles
   11. Print Role Profiles


        Selection  ===>: [    ]


   [  OK  ]  [  Exit  ]  [ Messages ]
   [ Soft Options ] [ Retrieve ]
   [ Command Entry ] [ Previous ]
   [ More Keys ]
```

Fields

Selection

Enter the number of your selected menu option.

Functions

Soft Options (F7)

Use this to run user configured options. These may be configured using option 8. Maintain Soft Options from the Administration Menu.

Retrieve (F9)

Note: This function is only effective in Green on Black mode i.e. 5250 emulation sessions.

Use this to retrieve the previous command entered on the command line.

Command Entry (F10)

Use this to display a command entry window.

View Jobs (F14)

Use this to display submitted jobs for your user ID.

Tools (F15)

Use this to display a list of standard commands. You can then select the one you wish to run.

View Prints (F18)

Use this to display all spool files for your user ID.

More Keys (F24)

Use this to display more functions.

➡️ Enter your choice from the menu or select a function.

➡️ Enter your choice from the menu or select a function.

System Manager Properties

The System Manager properties are global defaults which apply to all users operating through this product. Some of them can be overridden at user profile level.

System Properties Menu

To display this menu, enter **1** in the Selection field and then select **OK** on the Administration menu.

Use this menu to select the properties you wish to maintain.

Fields

Selection

Enter the number of your selected menu option.

Functions

Soft Options (F7)

Use this to run user-configured options. These can be configured using option 8. (Maintain Soft Options) from the Administration menu.

Retrieve (F9)

Note: This function is only effective in Green on Black mode i.e. 5250 emulation sessions.

Use this to retrieve the previous command entered on the command line.

Command Entry (F10)

Use this to display a command entry window.

View Jobs (F14)

Use this to display submitted jobs for your user ID.

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Use this to display a list of standard commands. You can then select the one you wish to run.

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More Keys (F24)

Use this to display more functions.

→ Enter your choice from the menu or select a function.

→ Enter your choice from the menu or select a function.

Application Manager

To display this window, enter **1** in the Selection field and then select **OK** on the System Properties menu.

Use this window to set up global defaults for the running of System Manager.

Fields

Default Settings

Default Language

Enter the code of the language that is to be the default for all users defined within System Manager.

Alternatively, use the prompt facility to select from the Select Language pop-up.

This code can be overridden for individual users by amending their user profile.

Date Format

This specifies the default date format for all users of System Manager.

Select one of the following:

DDMMYY (D)

MMDDYY (M)

YYMMDD (Y)

This can be overridden for individual users by amending their user profile.

Role Processing

This flag is use to determine whether or not roles are used by System Manager. (See the Maintain Role Profiles section of this product guide.)

Use this checkbox as follows:

Unchecked - If role profiles are not to be used within System Manager

Checked - If role profiles are to be used within System Manager

Run-time Options

Exclusivity

This flag specifies the way in which System Manager handles exclusivity.

Select one of the following:

System (0) - For any exclusivities to apply across the whole of System Manager, regardless of the environment in which the task is running

Environment (1) - For any exclusivities to apply only to the particular environment in which the task is running

Workspace Cache

Select one of the following:

Manual Refresh (0) - For a manual refresh of the workspace cache

Automatic Refresh (1) - For an automatic refresh of the workspace cache

General Job Description Settings

Job Queue/Job Queue Library

Enter the default job queue and library.

Output Queue/Output Queue Lib

Enter the default output queue and library.

Functions

Refresh (F5)

Use this to re-set the fields on the window to their original values.

Amend the fields and select **OK**. Select **Update (F8)** to save your changes. Alternatively, select **Exit (F3)** to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

Machine Manager

➡️ To display this window, enter **2** in the Selection field and then select **OK** on the System Properties menu.

Use this window to set up global defaults for the running of Machine Manager.

Fields

Job Scheduler/End Day

User

Enter a default User ID for the Job Scheduler and End Day routines.

Job Queue/Job Queue Library

Enter the default job queue and library.

Output Queue/Output Queue Lib

Enter the default output queue and library.

Power Down

User

Enter a default User ID for the Power Down routine.

Job Queue/Job Queue Library

Enter the default job queue and library.

Output Queue/Output Queue Lib

Enter the default output queue and library.

General

User

Enter a default User ID for other <u>Machine Manager</u> routines.

Job Queue/Job Queue Library

Enter the default job queue and library.

Output Queue/Output Queue Lib

Enter the default output queue and library.

Functions

Refresh (F5)

Use this to re-set the fields on the window to their original values.

Amend the fields and select **OK**. Select **Update (F8)** to save your changes. Alternatively, select **Exit (F3)** to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

Housekeeping

➡️ To display this window, enter **3** in the Selection field and then select **OK** on the System Properties menu.

Use this window to set up global defaults for the running of Housekeeping.

Fields

General

User

This field displays the default User ID for Housekeeping routines.

Job Queue/Job Queue Library

Enter the default job queue and library.

Output Queue/Output Queue Lib

Enter the default output queue and library.

Functions

Refresh (F5)

Use this to re-set the fields on the window to their original values.

➡️ Amend the fields and select **OK**. Select **Update (F8)** to save your changes. Alternatively, select **Exit (F3)** to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

Network Manager

To display this window, enter **4** in the Selection field and then select **OK** on the System Properties menu.

Use this window to set up global defaults for the running of Network Manager.

Fields

Object Distribution/Sending

User

Enter a default User ID for Object Distribution and Sending routines.

Job Queue/Job Queue Library

Enter the default job queue and library.

Output Queue/Output Queue Lib

Enter the default output queue and library.

Spool File Distribution

User

Enter a default User ID for Spool File Distribution routines.

Job Queue/Job Queue Library

Enter the default job queue and library.

Output Queue/Output Queue Lib

Enter the default output queue and library.

Functions

Refresh (F5)

Use this to re-set the fields on the window to their original values.

Amend the fields and select **OK**. Select **Update (F8)** to save your changes. Alternatively, select **Exit (F3)** to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

Maintain User Profiles

Every user needs a user profile to sign on to the system. It is a good security measure to make sure that each user has an individual user profile.

User Groups

You can have several users who all need the same authorisations to the system. For example, members of the sales orders processing department will all use the same SOP options. Use the User Group option to create a group of user profiles. This is much quicker than creating them separately. Refer to the Maintain User Groups section of this product guide for more information.

Server User Profile

The System Manager user profile name must be the same as the user's iSeries profile.

> Note: If you are signed on with *SECADM authority, you can create and maintain an OS/400 user profile by using **iSeries Profile (F15)**. This displays a subset of the CRTUSRPRF command.

> To maintain the profile you will also need full maintenance rights to the *USRPRF object.

> Note: You must be signed on with AULSECOFR authority in order to maintain the System Manager user profile

If a System Manager Administrator is allowed to create and maintain user profiles then they should be granted *CHANGE authorities to any OS/400 user profiles that they need access to; if they are only allowed to work with the System Manager user profile then they should be granted *USE authority to any OS/400 user profiles that they may use, so that they can see the user description.

Direct Signon to Application

To specify that a user must sign on directly into Application Manager, enter the command:

```
CHGUSRPRF USRPRF(uuuuuuuuuu) INLPGM(IPGAMP4/AMINITIAL)
```

This program reads the parameters set up in the System Manager user profile and takes the user to their initial menu or single application task. You can set the System Manager user profile up in such a way that the user is signed off the system on leaving Application Manager.

> Note: You must be signed on with Security Administrator authority to change an iSeries user profile.

Maintain User Profiles Selection Window

To display this window, enter **2** in the Selection field and then select **OK** on the Administration menu.

Use this window to maintain an existing profile or to add a user profile, which can be based on an existing profile.

Fields

User Profile to be Maintained

To create a new profile, enter a new name. To maintain a profile, enter the name of an existing profile. To maintain or create a user group, enter either an existing name or a new name for the group profile.

Alternatively, use the prompt facility to select from the Select User Profile pop-up.

You cannot directly maintain a profile which is a member of a group. A warning pop-up will be displayed.

Based on User Profile

If you are creating a new user profile with the same defaults and authorisations as an existing profile, enter the name of the existing profile to use as the basis for the new profile.

Alternatively, use the prompt facility to select from the Select User Profile pop-up.

Functions

Maintain User Groups (F15)

Use this to create a new user group or amend an existing one. Enter the user group name in the User Profile to be Maintained field.

Note: If you select **Maintain User Groups (F15)** and leave the User Profile to be Maintained field blank, you will see a list of group profiles from which you can select.

Print User Profiles (F23)

Use this to print user profiles. The Print User Profiles window is displayed with options for printing profile details.

Enter a profile and then select **OK** or select a profile to display the Maintain User Profiles Detail window.

Maintain User Profiles Detail Window

→ To display this window, select a profile or enter a profile and then select **OK** on the Maintain User Profiles Selection window.

Use this window to set up the details of the user profile.

Note: If you are signed on as QSECOFR you can create an iSeries user profile by using **iSeries Profile (F15)**. This displays the Menu Activity Selection pop-up.

Fields

User Level

The user level was originally used to determine how windows were presented to the user within the Interactive Program Generator.

Note: This setting does not affect the user's use of the standard System Manager application options.

You can leave it as **Novice** (the default) unless you are setting up a group profile, in which case you should set it to **Nov Grp** or **Exp Grp**.

The following are valid values:

Novice (1) (default) - For individual novice users

Expert (3) - For individual expert users

Nov Grp (8) - For a master or reference profile for a user group of novice users

(Users in this group will be set to user level 1.)

Exp Grp (9) - For a master or reference profile for a user group of expert users

(Users in this group will be set to user level 3.)

Initial Menu

Before a user can sign on to an application running under Application Manager, they must have a designated initial menu or a single application task.

Enter the menu name here.

Alternatively, use the prompt facility to select from the Select Menu pop-up.

> Note: An initial menu is only specified when role processing is not in use.

> Note: When you specify an initial menu it does not automatically grant the user authority to the options and functions on that menu. Set the authority by selecting **Initial Menu (F13)**. Select an environment. Select **Authorise User (F13)**. This displays the Menu Activity Selection pop-up where you may select the menus to which the user is authorised.

Default Sign-on Company

Enter the default company to use when the user accesses applications under the control of Application Manager.

If you leave this field blank, the user will be prompted to select a company from a list of companies to which they are authorised, when they first select an application task after signing on.

You can use the prompt facility to select from the Select Company pop-up.

Single Application Task

To limit a user to a single task, enter the task. For example, a purchase order clerk could be allowed to use only purchase invoice log item entry.

> Note: A single application task is only specified when role processing is not in use.

> Note: If you use this field then you cannot define an initial menu for the user.

This field is split into four parts:

ID

Enter the application ID of the single task.

Vrsn

Enter the environment (application version) of the single task.

Release

Enter the release level of the default single task.

Task Code

Enter the task code of the default single task.

Note: Use the prompt facility to select all four entries at once. This displays the Select Application pop-up. Select the application, environment and release level required. The Select Application Task pop-up is displayed. Select the task code required.

Default Development Application

Note: This is not used in System21, LX or XA. It was used for development work using Interactive Program Generator or Report Generator.

These fields are no longer used.

Functions

Extras (F10)

Use this to display extra options. For more information, refer to the Maintain User Profiles Extra Details Window section below.

Delete (F11)

Use this to delete the user profile. Select **Delete (F11)** again to confirm or select **OK** to cancel.

Initial Menu (F13)

Note: This is not available when role processing is in use.

Use this to display the menu defined as the user's initial menu. You must first select the environment from the Select Menu Environment window.

Roles (F14)

Use this to authorise the user to roles and assign a default role. The Role Authorisation pop-up is displayed.

Note: This is available when role processing is inactive so that the role authorisations can be configured in advance of activating role processing.

iSeries Profile (F15)

Use this to allow the system user profile to be created or changed for the System Manager user profile being maintained.

Note: This is only available if the user performing the user profile maintenance has special authority of *SECADM.

Note: A limited subset of user profile settings is made available for maintenance through this function.

Menu Authority (F17)

Use this to grant the user authority to other menus using the Select Menu Authorisations pop-up.

PassThrough (F18)

Use this to authorise the user to pass through to other systems using the Select User Passthrough Authorities window.

Company and Task (F19)

Use this to authorise the user to companies and tasks within applications.

Group Jobs (F21)

Use this to set up group jobs for this user on the Group Jobs window.

Auto-launch (F22)

Use this to configure tasks that can be automatically launched by Workspace.

Select **OK** to validate the data you have entered. Select **Exit (F3)** to update and to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window. You can also choose whether to maintain another user profile.

Maintain User Profiles Extra Details Window

➡️ To display this window, select **Extras (F10)** on the Maintain User Profiles Detail window.

Use this window to enter further details for the user profile.

Note: If you are signed on as QSECOFR you can create an iSeries 400 user profile by using **iSeries Profile (F15)**.

Fields

Hold on Print Queue

Use this checkbox as follows:

Unchecked - If output is to be placed on the print queue with status READY

Checked - If output is to be placed on the print queue with status HELD

Authorised to Common Functions

Use this checkbox as follows:

Unchecked - If the user is not to be authorised to use Administration Functions

Checked - If the user is to be authorised to use Administration Functions

Language Code

If an alternative language code is required for this user, enter the appropriate code.

Alternatively, use the prompt facility to select from the Select Language pop-up.

Sign-off on Leaving System

This field controls what happens when the user exits System Manager or applications running under the control of Application Manager.

Use this checkbox as follows:

Unchecked - To return to the user to the higher-level controlling program on the iSeries from which access was originally made

Checked - To sign the user off the iSeries

Date Format (D/M/Y)

Enter one of the following:

D - If this user is to enter and view dates in DDMMYY sequence

Y - If this user is to enter and view dates in YYMMDD sequence

M - If this user is to enter and view dates in MMDDYY sequence

Allow Submit Job Prompt

Use this checkbox as follows:

Unchecked (0) - If the user is not to be allowed to change the job queue or print queue at batch job submission

Checked (1) - To allow the user to request a job submission prompt when a batch job is submitted from applications running under the control of Application Manager

Checking this field will enable the user to change the job queue or print queue or to schedule the job within Machine Manager.

Message Delivery

This field defines the manner in which messages are delivered to the user whilst using System Manager.

Select one of the following:

*BREAK - When a message is delivered to the user's message queue, the current interactive session is suspended whilst the message is displayed.

*DFT - Information messages will be ignored and Enquiry messages will be sent a default reply.

*HOLD - Incoming messages are placed in the message queue and no further action is taken.

*NOTIFY - The Message Available icon is displayed on the window when a new message has been delivered to the user's message queue.

*USER - Messages will be handled according to the setting on the user's iSeries user profile.

Allow Command Entry

Use this checkbox as follows:

Unchecked - To disable the option line on each menu as a command line

Checked - To allow the option line on each menu to be used for command entry

Default Job Queue/Library

Enter the name of the job queue to which batch jobs are submitted for this user and the library in which it is to be found.

Default Print Queue/Library

Enter the name of the print queue to be used for printed output for this user and the library in which it is to be found.

Note: To override the default job/print queues select **Company and Task (F19)** and select **Overrides (3)** against the required application. For more information, see the section on Override Default Job/Output Queues.

Default UI for Tasks

Enter one of the following:

Blank - Default

1 - Jacada

2 - Emulator

Default UI for Commands

Enter one of the following:

Blank - Default

1 - Jacada

2 - Emulator

Note: If group profiles are used, this setting applies to all members of the group.

Tip: For all users performing the same functions within a particular location, using group profiles can reduce the amount of maintenance required.

Select **OK** to accept the entered information. Select **Exit (F3)** to update and to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

Role Authorisation Pop-up

To display this pop-up, select **Roles (F14)** on the Maintain User Profiles Detail window.

Use this pop-up to authorise a user profile to a role or roles.
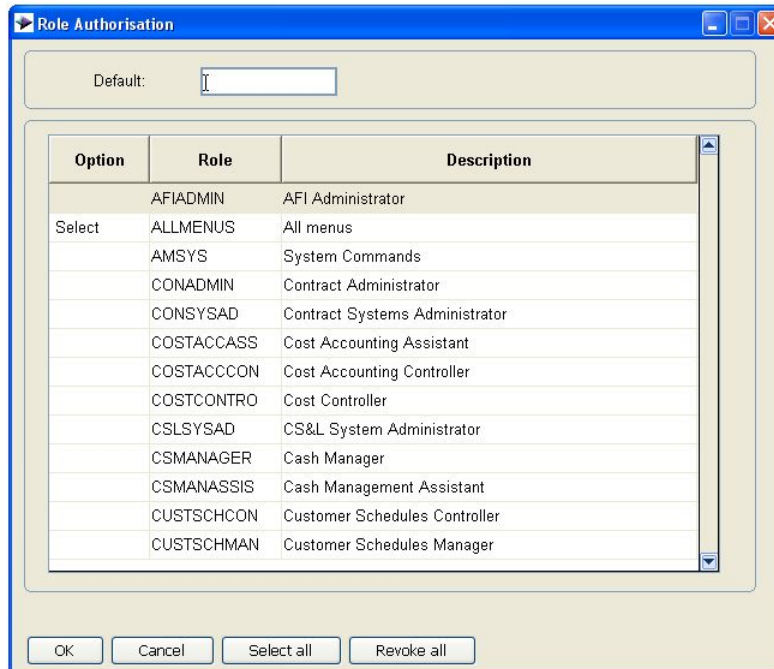
Fields

Default

You may enter a default role in this field. If a role is selected using the **Default** option, it will be displayed in this field when the pop-up is next viewed.

Options

Select one of the following:

Select - To authorise the user to the role

Default - To establish the role as the default role for the user

> Note: The default role displays in the Default field when the pop-up is next viewed. The Option field shows as **Select.**

You can blank out this field to revoke previous authorisations.

Functions

Select All (F15)

Use this to authorise the user to all roles.

Revoke All (F18)

Use this to revoke authorisation to all roles.

→ Select **OK** to update the user's role authorisations and return to the Maintain User Profiles window.

Select Menu Authorisations Pop-up

To display this pop-up, select **Menu Authority (F17)** from the Maintain User Profiles Detail window.

Use this pop-up to authorise the user to menus in System Manager.

If the user already has authority to the menu, this is indicated by a **1** against the menu in the Auth field on the pop-up.

Option	Auth	Env	Menu	Text
	1		AC	AC Main Menu
		AUL	AC	AC Main Menu
		A21	AC	AC Main Menu
		A22	AC	AC Main Menu
		CCS	AC	AC Main Menu
	1	DEM	AC	AC Main Menu
		R21	AC	AC Main Menu
		R22	AC	AC Main Menu
		S22	AC	AC Main Menu
		TB2	AC	AC Main Menu

Position list to:

[OK] [Previous] [Filter] [Show all]
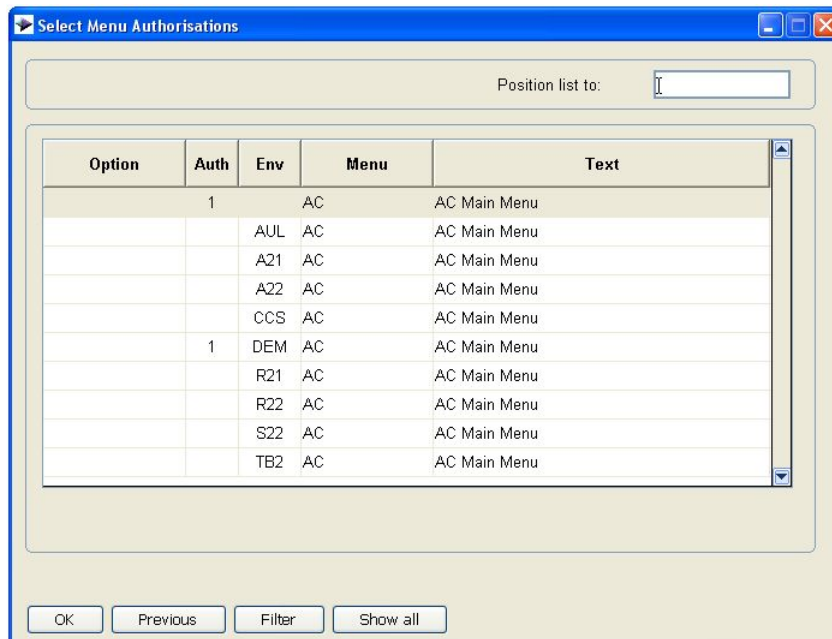
Fields

Option

Select one of the following:

Detail - To display the options and functions using the Menu Activity Selection pop-up

Authorise - To authorise the user to all functions and options on the menu

Revoke - To revoke authority for the user from all functions and options on the menu

Menu Enquiry - To display the Drop-Through Processing Enquiry - Menu Details window

Position List To

Use this to start the display at a particular place by entering one or more characters.

Functions

Filter (F17)

Use this to display only those menus within a selected environment. You specify your chosen environment on the Environment Selection pop-up.

Show All (F18)

Use this to display all menus within all environments.

Select **Detail** to display the Menu Activity Selection pop-up.

Menu Activity Selection Pop-up

To display this pop-up, select **Initial Menu (F13)** on the Maintain User Profiles Selection window. Select an environment, and then select **Authorise User (F13)**.

Alternatively, select **Detail** against a menu on the Select Menu Authorisation pop-up.

This window displays the list of the options and functions that are available on the selected menu.
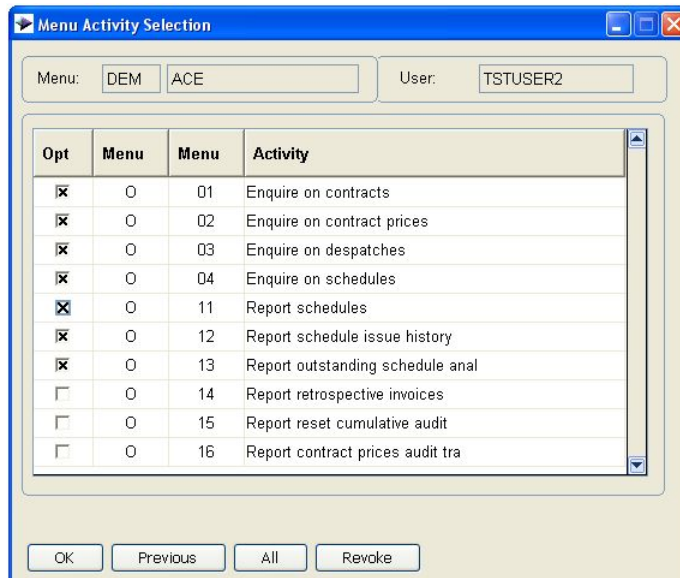
Fields

Option (Opt)

Use this checkbox as follows:

Unchecked - To revoke authority previously granted

Checked - To grant the user authority to that menu option or function

Functions

All (F15)

Use this to grant authority to all displayed options and functions.

Revoke (F18)

Use this to revoke authority from all displayed options and functions.

When the process is completed for each of the menus selected, the previous pop-up will be re-displayed.

Select User Passthrough Authorities Pop-up

➡️ To display this pop-up, select **PassThrough (F18)** on the Maintain User Profiles window.

A list of all known target systems is displayed.
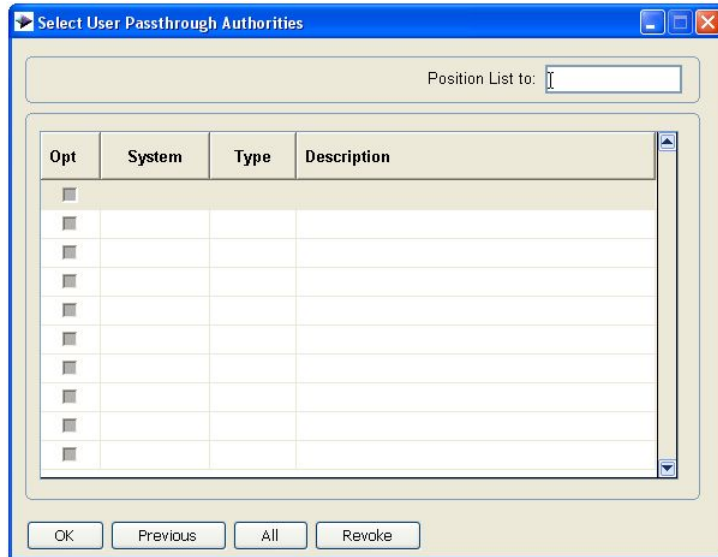
Fields

Option (Opt)

Use this checkbox as follows:

Unchecked - To revoke authority previously granted.

Checked - To grant the user authority to pass through to that system

Functions

All (F15)

Use this to grant authority to the user to pass through from the current system to all systems defined to <u>Network Manager</u>.

Revoke (F18)

Use this to revoke passthrough authority from all systems defined to <u>Network Manager</u>.

➡️ Select **OK** when you have made the passthrough authorisations.

Maintain User Profiles Authority Window

To display this window, select **Company and Task (F19)** on the Maintain User Profiles Details window.

Use this window to authorise the user to companies and tasks. Once authorisation is set, use this option to maintain the settings. A list of all the applications installed on your iSeries and defined to System Manager is shown.
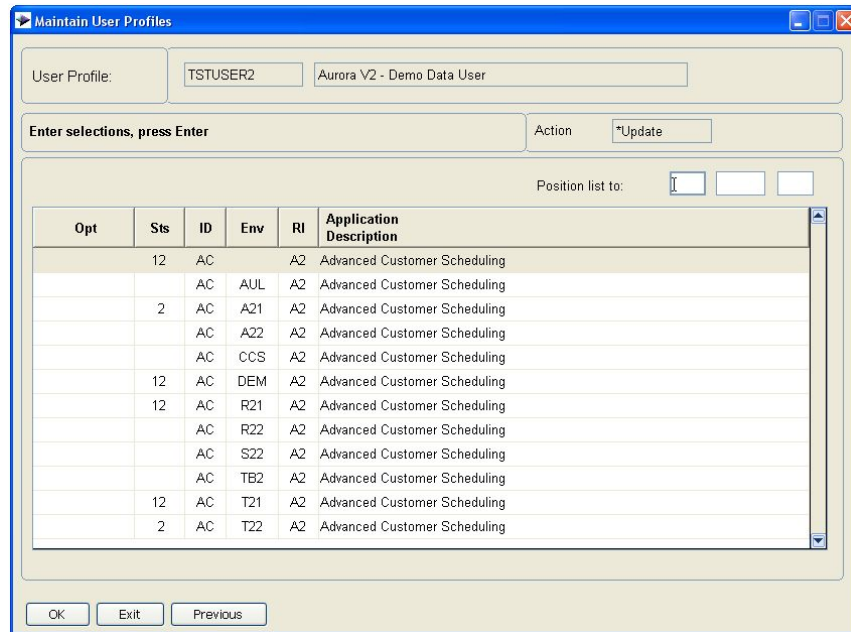
Fields

Position List To

Use this to position the list at a particular point.

Option (Opt)

When options are entered and updated, the corresponding number is displayed in the Sts field on this pop-up to show the authority levels set for each item listed.

Select one of the following:

Companies (1) - To grant authority to the user profile to one or more companies in this application

The Company Authorisation pop-up listing all companies is displayed for you to grant authority.

Tasks (2) - To grant authority to the user profile to one or more tasks in this application

The Application Task Authorisation pop-up listing all tasks for the application is displayed for you to grant authorisation.

Overrides (3) - To override the user's default job/print queues within this application

The Maintain User Overrides pop-up is displayed for you to select a company. On the next window you add the alternative job queue to be

used and the library in which it resides. You can also override print queue information.

> Note: **Companies** and **Tasks** options must be selected against an application before you can use **Overrides**. If you attempt to use **Overrides** where **Companies** and **Tasks** have not been set up, a warning window is displayed.

Select **OK** when you have finished your selections.

Company Authorisation Pop-up

To display this pop-up, select **Companies** against an application and then select **OK** on the Maintain User Profiles Authority window.

Use this pop-up to select companies to which to authorise the user.
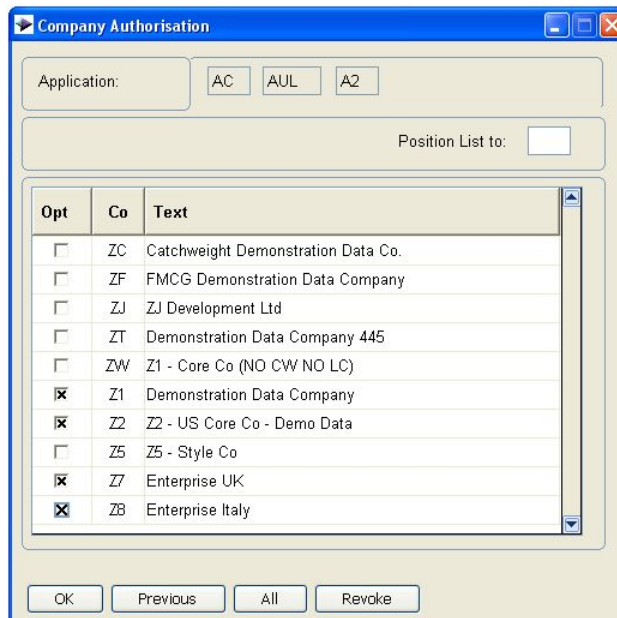
Fields

Position List To

Use this to position the list at the selected value.

Option (Opt)

Use this checkbox as follows:

Unchecked - To revoke authority previously granted.

Checked - To grant the user authority to that company

Note: When authority has been previously granted, this field is displayed as **checked**.

Functions

All (F15)

Use this to grant authority to all companies within the chosen application.

Revoke (F18)

Use this to revoke authority from all companies within the chosen application.

Select **OK** when you have finished your selections.

Application Task Authorisation Pop-up

➡️ To display this pop-up, select **Tasks** against an application and then select **OK** on the Maintain User Profiles Authority window.

Use this pop-up to select one or more tasks to which to authorise the user. You can, if required, authorise the user to all tasks.
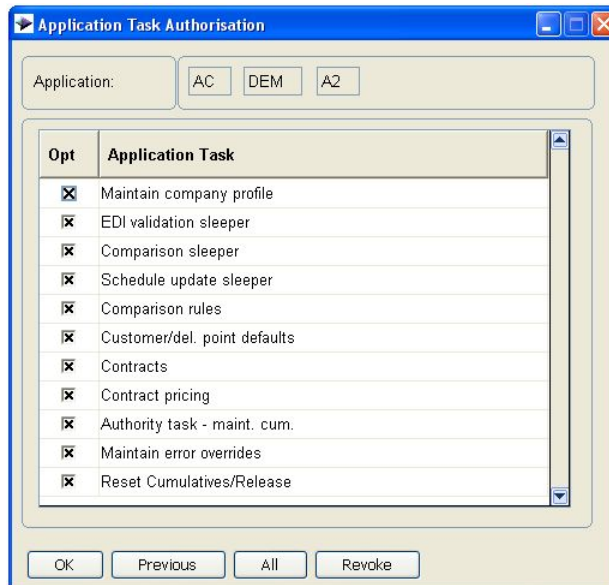
Fields

Option (Opt)

Use this checkbox as follows:

Unchecked - To revoke authority previously granted

Checked - To grant the user authority to that task

Note: When authority has been previously granted, this field is displayed as **checked**.

Position List To

Use this to position the list at the selected value.

Functions

All (F15)

Use this to grant authority to all tasks within the chosen application.

Revoke (F18)

Use this to revoke authority from all tasks within the chosen application.

➡️ Select **OK** when you have finished your selections.

Maintain User Overrides Pop-up

➡️ To display this pop-up, select **Overrides** against an application and then select **OK** on the Maintain User Profiles Authority window.

On this pop-up, specific job queues and print queues to be used instead of the defaults for submitted jobs can be established for each user, company and task combination. In the absence of any changes made at run time, these queues would be used for any job submitted by this user.

Define a particular output queue or job queue for any specific application task and company.
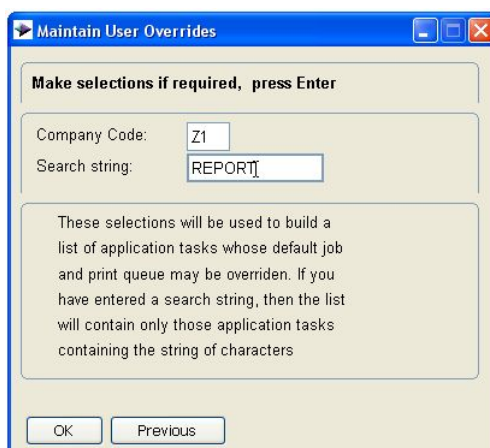
Fields

Company Code

Specify the company in which the overrides to be specified will apply.

Search String

You can optionally specify a string to select only those tasks from the application that include that string in their text description.

➡️ Select **OK** to accept your entries and to display the Maintain User Overrides Job Queues window. Enter the name of the job queue and the library in which it resides against the relevant task(s). Select **Print Queues (F14)** to see the Maintain User Overrides Print Queues window.

Maintain User Overrides Job Queues Window

➡️ To display this window, select **OK** on the Maintain User Overrides pop-up.

Use this window to enter an alternative job queue name and library name to override the defaults for a selected task.

Maintain User Overrides - Job Queues					?

| User Profile | TSTUSER2 | Application | AC | DEM | A2 | Company | Z1 |

Default Job Queue/library: QBATCH   QGPL

Application	Task and Description	Job Queue	Library
3010	Report reset cumulative audit		
3020	Report retrospective invoices		
3040	Report schedule issue history		
3050	Report schedules		
3060	Report outstanding schedule analysis		
3070	Report contract prices audit trail		

| OK | Exit | Previous | Print Queues | User Interface |

Fields

Job Queue/Library

To override the default user job queues, enter the alternative queue name and library name against the required task.

Functions

Print Queues (F14)

Use this to display the Maintain User Overrides Print Queues Window.

User Interface (F15)

Use this to override the user interface settings for the task.

Auto-launch (F16)

Use this to configure tasks that can be automatically launched by Workspace

➡️ Select **OK** to confirm your selections. Select **Exit (F3)** to update and to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

Maintain User Overrides Print Queues Window

To display this window select **Print Queues (F14)** on the Maintain User Overrides Job Queues window.

Use this window to enter an alternative queue name and library name to override the defaults for a selected task.

Fields

Print Queue/Library

To override the default user queues, enter the alternative queue name and library name against the required task.

Hld

Enter one of the following:

0 - If output is to be added to the print queue with a status of READY

1 - If output is to be added to the print queue with a status of HELD

Functions

Job Queues (F14)

Use this to display the Maintain User Overrides Job Queues window.

User Interface (F15)

Use this to override the user interface settings for the task.

Select **OK** to confirm your selections. Select **Exit (F3)** to update and to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

User Group Jobs Pop-up

To display this pop-up, select **Group Jobs (F21)** from the Maintain User Profiles Detail window.

Group jobs provide the user with the ability to interrupt a job and process another job, then return to the same point where they left their original job. For example, they could perform an instant enquiry on another part of the database such as Accounts Receivable or Sales Order Processing whilst using the General Ledger.

Note: Each group job counts as one user of the system when your User Code is validated.

Performance Considerations

The use of group jobs has an impact on the performance of your iSeries. This impact will differ from system to system.

You should consider the following points before you implement group jobs:

- Review, and if necessary, increase the size of your machine pool, as each group job (active or suspended) requires approximately 1000 bytes of dedicated main storage in the machine pool.

- Review, and, if necessary, increase the following system values:

  - Initial number of active jobs QACTJOB

  - Additional number of active jobs QADLACTJ

  - Initial total number of jobs QTOTJOB

  - Additional number of total jobs QADLTOTJ

- When transferring from one job to a new group job, the overhead is roughly the same as signing on to the system. If the group job you are transferring to is already started, then the overhead is equivalent to transferring to a secondary job using the System Request menu.

- When the Attention key is pressed, the current display is saved. The overhead is similar to using the System Request menu and has a more noticeable effect on remote workstations.

Note: For more detailed information on performance considerations of group jobs, refer to the relevant IBM manual.

You can set up a list of up to 20 application tasks as the group jobs for a user. These tasks can, if required, cross application boundaries. An entered sequence number is given to those tasks to control the order in which they are displayed.

```
XA100          Administration Functions          System: STUDB30A
Maintain User Profiles
  User Profile                                      Action
  BRIGHTN                                           *UPDATE
  NICK BRIGHT (Studley - Olympic Software)
Type changes, press Enter and then F3 to Update
  User level. . . . . . . . . .3    (1=Novice,3=Expert)
  Initial menu  . . . . . User Group Jobs
  Default sign-on company   Type option, press Enter.
  Single application task
  Default development app  Seqn Description
  Language code . . . . .  01  Supplier enquiry.
  Default job queue / lib  02  Supplier reference enquiry.
  Default print queue / l  03  Customer Enquiry.
  Hold on print queue . .  04  List Suppliers Report
  Authorised to common fu  05  Maintain location codes.
  Sign-off on leaving sys  06  Supplier enquiry.
  Date format (D/M/Y) . .  07  Item/Stockroom Enquiry
  Allow submit job prompt  08  General Ledger A/C Number Enquiry
  Allow command entry . .  09  Stock History Enquiry
  Message delivery. . . .  10  Post Spread Journals
 F3=Exit   F4=Browse   F1                              More...
 F13=Initial menu     F1
 F18=Pass-through     F1  F8=Add    F12=Previous
```

Fields

Sequence (Seqn)

Overtype a number to change the sequence of a group job, or blank it out to delete it. Changing a sequence number to **00** will also cause a group job to be deleted.

Functions

Add (F8)

The Group Job Activity Definition pop-up is displayed for you to add the details of a new group job.

➡️ Make any necessary amendments to the sequence numbers and then select **OK**.

Group Job Activity Definition Pop-up

To display this pop-up, select **Add (F8)** on the User Group Jobs pop-up.

Use this pop-up to enter the identifying details of the group task.

A user can group jobs when running applications under the control of Application Manager.

Once a user's group jobs have been set up, the Attention key is used to display a pop-up that shows the application tasks that have been set up as the group jobs for that user. To select a job, enter **1** against the required task and select **OK**.

If the user exits the selected task, normally by pressing **Exit (F3)**, they return to their original task. However, if the Attention key is pressed again, the group jobs pop-up is re-displayed with >> against any task(s) already selected. The user is then able to select another task if required. A maximum of 16 group jobs can be active for each user at any time. Leaving any one of the tasks will always return the user to the previous task.

Fields

Application ID

Enter the two-character code to identify the application, for example, IN for Inventory Management.

Use can use the prompt facility to select the Application, Environment and Release level from the list of applications installed on your system using the Select Application pop-up.

Environment

Enter the environment code (also known as the application version).

Release Level

Enter the application release level.

Task Code

Enter a task code.

You can use the prompt facility to select from a list of all tasks in the selected application using the Select Application Task pop-up.

Sequence

Enter the sequence number of the group job to be added to the existing list of group jobs. The number can be anything from 01 to 20.

Select **OK** to accept the new group job activity definition.

Select Application Pop-up

→ To display this pop-up, use the prompt facility on the Application, Environment or Release level fields on the Group Job Activity Definition pop-up or on any other window or pop-up on which those fields are displayed.

Use this window to select from the list of applications installed on your system.
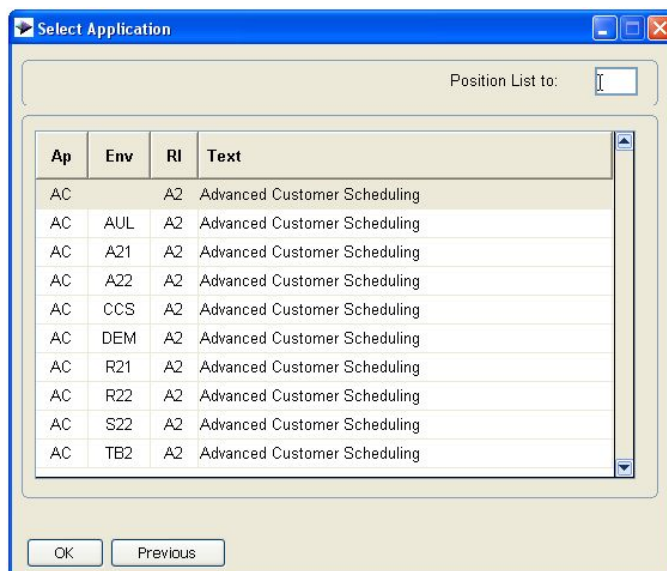
Select the Application, Environment and Release level from which you wish to select a task and then select **OK**.

Select Task Pop-up

➡️ To display this pop-up, first enter or select an Application, Environment and Release level and then use the prompt facility on the Task field on the Group Job Activity Definition pop-up or on any other window or pop-up on which the Task field is displayed.

This pop-up displays a list of all tasks in the selected application.
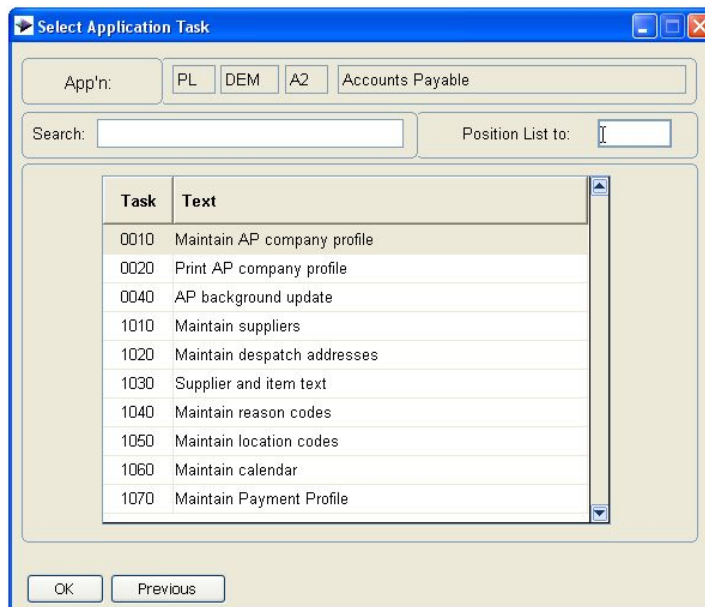
Select the task you wish to use and then select **OK** to return to the previous window.

Auto-launch

To display this pop-up, select **Autolaunch (F22)** from the Maintain User Profiles Detail window

When a user signs on to Workspace the MyDay Home Page can be displayed automatically. MyDay is configured as a task in the YO application.

The user must be authorised to the task in the environment

Tasks are assigned a launch priority 1-9; priority 1 tasks are launched first and 9 last.

Auto-launch is not available in Green on Black.

```
User Task Auto Launch Settings

 S Pty Application/Task
4=Delete
[F3:Exit]  [F5:Refresh]  [F8:Add Task]  [F12:Cancel]
```

■
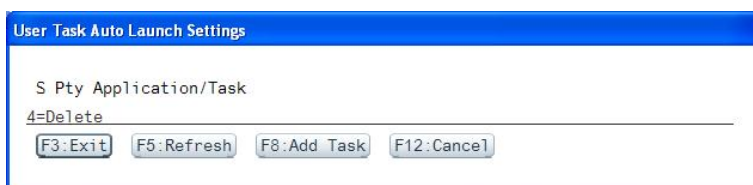
Maintain User Groups

A group profile is a user profile whose attributes and authorities are duplicated to other user profiles. It must be defined to Administration Functions but does not have to be defined to OS/400.

Each user profile can be assigned to the user group's list. A user profile that is defined as belonging to a group cannot be maintained individually. Any changes made to the group user profile are automatically made to each user profile within the user group list.

Maintain the group profile in the same way as you would maintain a user profile. The only difference is that the user level (on the Maintain User Profile Details window) must be 8 or 9.

At this stage, the group profile has been created.

To maintain the users in the group, select **Maintain User Groups (F15)** on the Maintain User Profiles Selection window.

If you enter a user ID in the User Profile to be Maintained field, the Maintain Group Profile window is displayed.

If you leave the User Profile to be Maintained field blank, the Select Group Profile Window is displayed.

Select Group Profile Window

To display this window, leave the User Profile to be Maintained field blank and then select **Maintain User Groups (F15)** on the Maintain User Profiles Selection window.

Use this window to select a group profile to maintain from the list of your group profiles.
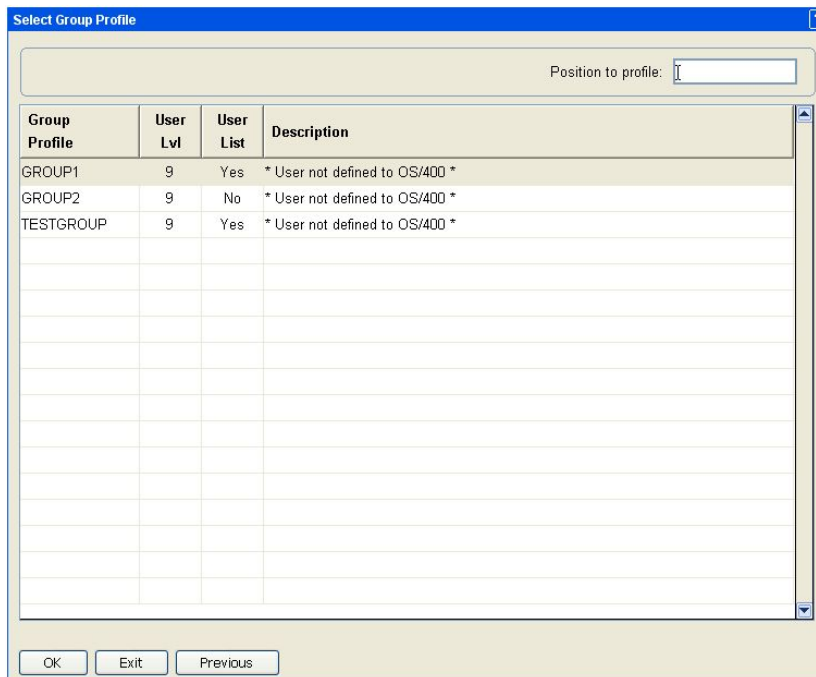
Fields

Position to Profile

Use this field to position the list at the required profile.

User Lvl

This field displays the user level of the group. Only a user level of 8 or 9 can be selected here for group profile maintenance.

List

If this field displays **Yes**, at least one user has been added to the group.

Description

If the profile is defined to OS/400, displays the group profile name.

Options

Select

Use this to select a group profile for maintenance.

 Select a group profile to display the users in the group.

Maintain Group Profile Window

→ To display this window, enter a user ID in the User Profile to be Maintained field and then select **Maintain User Groups (F15)** on the Maintain User Profiles Selection window.

Alternatively, select a group profile on the Select Group Profile window.

You can now define the list of users belonging to this group.
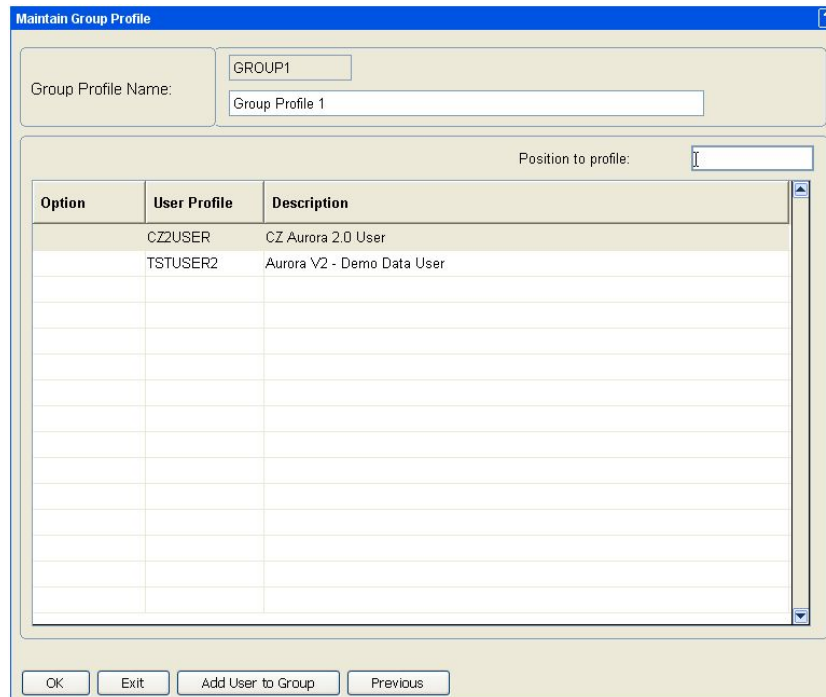
Fields

Option

Select **Delete** against a user profile to remove it from the group.

Group Description

The description of this group profile is displayed and can be maintained.

User Profile

This is the name of a user profile that will be given the same attributes and authorities as the group user profile.

Description

The field displays the description of the user profile for your information.

Options

Delete

Use this against a user profile in order to remove it from the user group.

Functions

Add User to Group (F8)

Use this to add a user to the group, using the Add User Profile to Group Profile List pop-up.

→ Select **Exit (F3)** to accept and update the list of users in the group.

Add User Profile to Group Profile List Pop-up

To display this pop-up, select **Add User to Group (F8)** on the Maintain Group Profile window.

Use this pop-up to add a user to a user group.

Fields

User Profile Name

Enter the name of a user profile that is to be added to the list of user profiles defined to this group profile. The user profile must be defined to either Administration Functions or OS/400 (or both). It cannot already be defined to a group.

If the user profile is not defined to Administration Functions, but is defined to OS/400, it will automatically be defined to Administration Functions.

Select **OK** to add the user to the group profile.

Print User Profiles

One or more user profiles can be printed. You can also print details related to the user profile.

Print User Profile Window

To display this window, enter **3** in the Selection field and then select **OK** on the Administration menu.

Alternatively, select **Print User Profiles (F23)** on the Maintain User Profiles Selection window.

Use this window to select a profile or profiles and the level of detail to be printed.

Fields

User Profile to be Printed

Enter a single user ID or a generic group of user IDs, or enter ***ALL** to print details of all user IDs.

Alternatively, use the prompt facility to select from the Select User Profile pop-up.

Report Detail

Use these checkboxes as follows:

Unchecked - If you do not want to include the information in the report

Checked - If you do want to include the information in the report

The details printed for each user within each category are as follows:

Basic Information

The user's print queue and whether spool files are held on the queue

The user's job queue

The user level of the user

The date format used by the user

User Application Override Information

Any company/task overrides for the user, sorted by application

User Company Information

The companies and tasks within each application to which the user is authorised, sorted by application

User Task Information

The tasks within each application to which the user is authorised, sorted by application

User Menu Information

All of the menus available to the user and the options and functions to which they are authorised

Other Access Information

Group jobs set up for the user, Network Manager passthrough connections and distribution queues to which the user is authorised

Role Authorisations

All of the roles that the users is authorised to use

To see the menus and tasks to which a role is authorised, the Role Profile report should be produced.

> Note: If role processing is active, this report should be used in conjunction with the Role Profile report to identify the full extent of a user's authorisation.

Note: **Checking** all the selections could produce a very large report. To print a user list, set all the selections to **unchecked** and enter ***ALL** in the User Profile to be Printed field.

Select **Submit Report (F8)** to submit a batch job to produce the report.

When you return to the Administration Functions menu you can use **View Prints (F18)** to display the Work with All Spooled Files window.

Maintain Language Parameters

System Manager is designed so that users who speak different languages can each use the system with the display window constants and messages shown in their own language.

Use this facility to maintain language descriptions for the multiple language options that exist in the system.

When you have created a language code, it can be applied to individual user profiles to call up the translated version of window displays and reports. The language code is also used in System Manager; for example, it is applied to customer records for sending reminder letters.

Select Language Code Window

To display this window, enter **4** in the Selection field and then select **OK** on the Administration menu.

Use this window to enter the language codes required in the system.

Fields

Language Code

Enter a new or existing language code. Any two-character code can be used, but you may want to use the international language codes.

You can use the prompt facility to select an existing code from the Select Language pop-up.

Functions

Print Languages (F23)

Use this to print a list of all available language codes and descriptions.

Select **OK** when you have entered a language code.

Maintain Language Parameters Window

To display this window, enter a language code on the Select Language Code window

Use this window to add or update the language description.

Fields

Language Description

Enter or amend the language description.

Note: For details of the use of multiple language facilities for other products, for example, Machine Manager and Housekeeping, see the item on the command MNTIPGLIBL in the Command List section.

Functions

Delete (F11)

Use this to delete a language code. This does not affect the language libraries you may have set up, only the recognition of the language. Select **Delete (F11)** again to confirm the deletion or select **Cancel (F12)** to abandon the deletion.

Select **OK** to update the language details.

Apply Authorisation Codes

When you first receive your copy of System Manager, you must set up authorisation codes for each of the applications and stacks that you will be using. Infor will provide your software support organisation with the codes required to run the applications you have ordered.

Apply Authorisation Codes Window

To display this window, enter **5** in the Selection field and then select **OK** on the Administration menu.

Use this window to view a list of all the applications installed on the server and add or accept two authorisation codes for each application. The first items on the list are those related to System Manager itself and these are followed by the development applications.

Note: The stacks are listed on a separate window which you can display by selecting the **Stacks (F10)** function.

Authorisation codes are issued with the software.

- The first code authorises the use of a specific application.
- The second code allows a specific number of users to use the application; this is known as the user code.

Apply Authorisation Codes				?
CPU Serial Number: 6 5 9 5 B B C			Model No: 520	

Application	Description	Authorisation Code	User Code
	Application Manager	X142%223	T70857370
	Housekeeping	V60516383	T26115431
	Machine Manager	V23264741	P89852898
	Network Manager	Y57025170	V13623228
	System 21	A60884605	Y26473743
	Date Compliance testing Code		
	Work Management	E66200144	H81549317
O AC A2	Advanced Customer Scheduling	Y99913653	C28003881
O AG A2	Advanced Receiving	M28095092	P57194219
O AI A2	EDI application interface	C48091211	E77180438
O AO A2	Advanced order entry	C25634576	E54724793
O AS A2	Advanced Shipping	H33780771	M61879998
			More…

| OK | Exit & Save | Refresh | Add @ctive Pack | Stacks | Print |

Fields

Authorisation Code

Enter the nine-digit authorisation code against each of the applications required.

User Code

For each authorisation code entered, enter the user code (issued with the software) to set up the number of users authorised to the application.

Functions

Refresh (F5)

If you make a mistake whilst entering authorisation codes, you can use this to refresh the window.

Add @ctive Pack (F9)

Use this to add standard Infor-defined process packs of business processes for use with Active Modeler. The Add @ctive Process Pack Entry pop-up is displayed for you to add the process pack details. On return to the Apply Authorisation Codes window you must then add the Authorisation Code and User Code.

Stacks (F10)

Use this to apply authorisation codes for stacks. The Apply Authorisation Codes (Stacks) window is displayed.

Print (F21)

Use this to print a list of the authorisation codes for all applications on your system. Any added Active Process Packs are listed after the System Manager applications.

Select **Exit & Save (F3)** to update and to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

Add @ctive Process Pack Entry Pop-up

➡ To display this pop-up, select **Add @ctive Pack (F9)** on the Apply Authorisation Codes window.

Use this pop-up to add the details of each standard Infor Active Process Pack, which you are to use within @ctive Modeler. This will add the business process pack to the list of software you are authorised to use on the selected server (CPU).

Fields

Application

Enter the two-digit code to identify the application followed by a two-digit code for the release or version of the application.

Note: Your software suppliers will advise you of the correct code. The application codes entered cannot be System Manager codes (AM, CF, HK, MM, NW or XA).

Description

Add the description for the Infor Standard Active Process Pack. This is a free-format text field in which you must enter at least one character of description.

➡ Select **Add Pack (F8)** to add the Active Process Pack details. These will be added to the end of the list of your authorised applications (modules).

Apply Authorisation Codes (Stacks) Window

To display this pop-up, select **Stacks (F10)** on the Apply Authorisation Codes window.

Use this window to add or accept two authorisation codes for each stack. Authorisation codes are issued with the software.

- The first code authorises the use of a specific stack.
- The second code allows a specific number of users to use the stack; this is known as the user code.

Fields

Authorisation Code

Enter the nine-digit authorisation code against each of the stacks required.

User Code

For each authorisation code entered, enter the user code (issued with the software) to set up the number of users authorised to the stack.

Functions

Refresh (F5)

If you make a mistake whilst entering authorisation codes, you can use this to refresh the window.

Cancel (F12)

Use this to return to the Apply Authorisation Codes window without saving your changes.

Select **Update Stacks (F8)** to accept your entries. The Exit Prompt pop-up is then displayed. This pop-up gives you the options to save or abandon changes, or to return to the previous window.

User Code Monitoring

An internal count is kept of the number of users of each application and stack. Under normal operation, you should not be aware of this count, unless you have exceeded your allowed number of users.

A program is provided to make sure that the user count is accurate. This program checks that the job still exists as an OS/400 job. If the job has ended abnormally and the user has signed off from their workstation, the count will be reduced.

> Note: If the job has ended abnormally but the user is still signed on to the server, the count is not reduced by this check.

The program is automatically started whenever the permitted number of users of an application is exceeded.

Licence Usage Enquiry

Licence Allocation Enquiry Window

To display this window, enter **6** in the Selection field and then select **OK** on the Administration menu.

> **Warning: This window will always be displayed when you select the Licence Usage Enquiry option, but the enquiry details will be blank unless you have previously applied authorisation codes for Named Function Usage Licensing. Refer to the Apply Authorisation Codes Window for further information.**

Note: This facility is only available to users with a valid 21/A3 authorisation code.

Use this option to view a list of all the applications and stacks installed on the server. There are two columns of information on the right side of the window and, for each item in the list, they tell you:

- The maximum numbers of users that are allowed to use that application or stack.

- The number of users currently using that application or stack and thereby using up that number of licences.

You can display further details for any number of list items.

Options

Select

Use this to display further details for any list item.

The details are displayed in a Currently Active Enquiry window. The names of the users, the job names and job numbers are displayed. For example, you could tell by this whether a user had a number of sessions open at once.

Select **Exit (F3)** to return to the menu.

Options

Select

Use this to display further details for any list item.

Currently Active Enquiry Window

→ To display this window, select an application or stack on the Licence Allocation Enquiry window.

→ Select **Cancel (F12)** to return to the previous window or **Exit (F3)** to return to the menu.

Maintain Company Parameters

Use this option to set up and maintain the company details required for a multi-company environment.

Maintain Company Parameters Selection Window

To display this window, enter **7** in the Selection field and then select **OK** on the Administration menu.

Use this window to set up and maintain the company details required for a multi-company environment.

You can enter either a new company code or an existing one.

Fields

Company Code

Enter the two-character company code to identify the company.

Alternatively, use the prompt facility to select from the Select Company pop-up.

Functions

Print Company Profiles (F23)

Use this to print all company parameter details.

Select a company or enter a company and then select **OK** to display the Maintain Company Parameters Description window.

Maintain Company Parameters Description Window

→ Select a company or enter a company and the select **OK** on the Maintain Company Parameters Selection window to display this window.

```
Maintain Company Parameters                                    [?]

                                              *UPDATE

   Company Code:        Z1
   Company Name:        Demonstration Data Company


   [ OK ]   [ Exit ]   [ Delete ]   [ Previous ]
```

Fields

Company Name

You can enter or amend the company name.

→ Select OK to update the data.

Note: Each of the applications, such as Inventory Management, supports multi-company processing. Each application has a Maintain Company Profiles task, where you enter company parameters specific to that application. These tasks directly interface to Administration Functions. If a company not known to Administration Function is created in an application, the company parameter details are automatically created.

You can use Company Code and Company Name in the menus you create using Application Manager. They are set up as standard reserved words:

@@CONM Company Name

@@CONO Company Code

Refer to the Maintain Reserved Words section of the Application Manager product guide for more details about reserved words.

Note: Company code is independent of environment code. It is recommended that if you intend to use multiple environments, you should use different company codes for different environments.

Delete (F11)

Use this to delete the company. Select **F11** again to confirm the deletion.

→ Select **OK** to update and then select **Exit (F3)** to return to the menu.

Company Validation Program

The majority of multi-company applications will include a Company Profile file. This file will hold company-level information. When a multi-company application is processed, the system will check that the company being processed has a company profile created.

If you create your own applications, it is recommended that you write a program to check for the existence of the company selected for processing. This program will be automatically called when you access a task code that requires company validation. The program to be called is specified in the application profile. See the Maintain Applications section of the Application Manager product guide for further details.

> Note: Only task codes between 0100 and 8999 will perform company validation checking. See the Maintain Tasks section of the Application Manager product guide for more information.

Your validation program will need to perform the following function:

If the company selected exists, set the LDA (Local Data Area) field L#RTCD (Return Code) to blanks. Application Manager will then allow the task to be executed.

If the company selected does not exist, set the LDA (Local Data Area) field L#RTCD (Return Code) to NC. Application Manager will not initiate the task the user has selected but will instead return them to the menu and display the message "This Company Does Not Exist in the Application Requested".

> Note: The return code L#RTCD is contained in positions 118 to 119 of the Local Data Area.

> Note: Your company validation program will determine which company the user has selected. The LDA field L#CONO (Company number) contains the company the user has selected. The field L#CONO is contained within positions 1 and 2 of the Local Data Area.

Change Company

When a user enters the Application Manager menu environment, the default company to process is taken from the Administration Functions user profile. If the user has a default company, this will be used for all applications.

The System Manager Change Company command (CHGCO) can be used to change the default company across all applications.

> Note: Standard Green on Black menus are provided with **F16=Change Company** set up to execute the CHGCO command.

> This does not apply to Workspace.

If the user has no default company assigned on their user profile, they will be automatically prompted to select the company required the first time an application task is called.

In a Green on Black environment, a different company code may be selected by the following command:

`CHGCO nn`

where nn is the company code to use.

In Workspace, you can click on Switch Profile Settings to change your company.

> Note: If a company code is not specified, the Select Company window is displayed with a list of available companies.

Maintain Soft Options

Note: Soft options cannot be used in Workspace. The information below only applies to Green on Black emulator sessions.

Many users have a set of jobs or tasks that they routinely carry out on the server. Use the Soft Options facility to run those jobs or tasks from any command line or option field within the System Manager environment.

You can set up soft options to call any recognised server command or program. Each soft option is given a unique code.

To execute the soft option, simply enter the code on a command line and select **Soft Options (F7)**.

Note: You can select **Soft Options (F7)** on a blank command line to choose from a list of available soft options.

For soft options executed against a field, file or program, enter the soft option code in the Option field and select **OK**.

When you exit your soft option job you are returned to your previous menu or window.

There are four levels of soft options:

User Level	Global Options
User Level	Application Options
Public Level	Global Options
Public Level	Application Options

User level options belong to a specific user. User A can have an option DP to display prints. User B can also have an option, also named DP, but this displays a physical file. Public options can be executed by any user, but can only be maintained through the Administration Functions menu.

Application options are linked to a specific application, whereas global options cross application boundaries.

Maintain Soft Options Window

To display this window, enter **8** in the Selection field and then select **OK** on the Administration menu.

Use this window to define the soft options.

Fields

Soft Option

Enter the code used to access the soft option.

Alternatively, use the prompt facility to select from the All Effective Soft Options pop-up.

Public Authority

Use this checkbox as follows:

Unchecked - To allow private use only

Checked - To allow public availability

Global Access

Use this checkbox as follows:

Unchecked - To use the option in a specific developer application

Checked - For global usage

Application ID

Enter the application ID for non-global options.

You can use the prompt facility to retrieve the Application, Environment and Release level required from the Select Application pop-up.

Environment

Enter the environment code for non-global options.

Alternatively, use the prompt facility to select from the Select Application pop-up.

Release Level

Enter the application release level for non-global options.

Alternatively, use the prompt facility to select from the Select Application pop-up.

Functions

General Values (F19)

Use this to maintain User and Public substitution variables that can be used in your soft option commands. Eight variables are available at each of these levels: User/Global, Public/Global.

Select **OK** to display the Maintain User Defined Options window.

General Values (F19)

Use this to maintain User and Public substitution variables that can be used in your soft option commands. Eight variables are available at each of these levels: User/Global, Public/Global.

All Effective Soft Options Window

To display this window, use the prompt facility on the Soft Option field on the Maintain Soft Options window.

Use this window to select an existing soft option.

```
APG072            Administration Functions            System: STUDB30A
                All Effective Soft Options
  1=Select                              Position to . . . _____
 Opt Option      Application Text
  _   AB          Global      Add Break Point To Program
  _   AJ          Global      Work with Active Jobs
  _   CF          Global      Global clearing of Physical Files
  _   CH          Global      Change File
  _   CL          Global      Clear Physical File
  _   CS          Global      Check Source
  _   DF          Global      Display Physical File Member
  _   DG          Global      Mark Do Loop Structure in RPG source nbr
  _   DM          Global      Display message queue QSYSOPR
  _   DSPQB       Global      Display QBATCH
  _   ED          Global      End Debug
  _   EF          Global      Edit Data Base File
  _   ET          Global      Link to office to add text for object
  _   ET1         Global      Link to office to add text for object
  _   FS            /   /     wrkoutq f_studdent
  _   GCL           /   /     Work with jobs
  _   JB          Global      Work with Jobq QBATCH
                                                              More...
 F10=Owned Soft Options   F12=Previous   F15=Include Hierarchy   F17=Commands
```

Functions

Owned Soft Options (F10)

Use this to list soft options set up for an owner. This toggles with **All Soft Options (F10)**.

All Soft Options (F10)

Use this to list soft options set up for all owners. This toggles with **Owned Soft Options (F10)**.

Include Hierarchy (F15)

Use this to display the Hierarchy of All Soft Options window. Where they exist, the different levels of the soft option are included. This toggles with **Exclude Hierarchy (F15)**.

Exclude Hierarchy (F15)

Use this on the Hierarchy of All Soft Options window. Any different levels of the soft option are excluded from the list. This toggles with **Include Hierarchy (F15)**.

Commands (F17)

Use this to display the commands that are executed when the soft option is selected. It also displays other information about the soft option: execution environment, public maintenance, execution level, prompt before execution and owner ID. This toggles with **Text (F17)**.

Text (F17)

Use this to display the descriptions of the soft options. This toggles with **Commands (F17)**.

➡️ Select an option to maintain.

Maintain User Defined Options Window

To display this window, enter or select a soft option and then select **OK** on the Maintain Soft Options window.

Use this window to enter the details for the soft option.

```
APG071            Administration Functions          System: STUDB30A
 Maintain User Defined Options
                                                              +Add
   Option is defined to all applications.
   Owned by user profile ASTONMAG   Generator Systems at Aston Magna
   Public access allowed.

  Enter required command using substitution variables preceded by an '&'.

   Option code DEMO        Text. . . _____
   Command to execute . . _____
                          _____
                          _____
                          _____

   Execution environment  . 2  (1=Both, 2=Interactive, 3=Batch)
   Public maintenance . . . 1  (0=No, 1=Yes)
   Execution level. . . . . 3  (1=Both, 2=Option, 3=Command Line)
   Prompt before execution. 0  (0=No, 1=Yes)
   Reset library list . . . 1  (0=No, 1=Yes)

 F4=Prompt  F5=Refresh  F11=Delete  F13=Lowercase Input      F24=More Keys
```

Fields

Text

Enter a description of the option.

Command to Execute

Enter the server command (or your own command) to be executed. For example, if you want to set up a soft option to work with submitted jobs, enter the command WRKSBMJOB.

If you need to enter parameters for the command, use the prompt facility on the command and the definable parameters are displayed.

Alternatively, you can allow the user to enter parameters via a prompt when they enter the soft option code (see the Prompt before Execution field).

You can include substitution parameters in your command. For example, you can set up an option to use the RUNQRY command: RUNQRY *NONE &FILLIB/&FILE

To see a list of the substitution variables available, select **View Substitution Variables (F17)**. You must precede the substitution variable with the & character to use it in your command.

Execution Environment

Enter one of the following:

1 - To process the soft option both interactively and in batch

2 - To process the soft option interactively

3 - To submit a batch job to process the soft options

If you enter **1** or **3** you are prompted to enter the batch submission details for the job: job name, job description and library, job queue and library, output queue and library, message queue and library.

Public Maintenance

Enter one of the following:

0 - To set yourself as the only user to maintain this option

1 - To allow all users to maintain this option

Execution Level

Enter one of the following:

1 - To allow the option to be run both from the option field and from a command line

2 - To allow the option to be run from the option field only

3 - To allow the option to be run from the command line only

> Note: If the soft option is greater than two characters, it can only be executed from a command line.

Prompt Before Execution

Enter one of the following:

0 - Not to prompt the user with the command details

1 - To prompt the user with the command details so that they can change parameters

Reset Library List

Enter one of the following:

0 - Not to re-set the library list after execution of the soft option

1 - To re-set the library list after execution of the soft option.

> **Warning: If you are using a command or program that alters the library list, you should always choose to re-set the library list, otherwise subsequent programs cannot run correctly.**

Functions

F4=Prompt

Use this to prompt on the command you want to execute.

If the Command to Execute field is left blank, **F4=Prompt** displays the IBM OS/400 Major Command Group menu. From here you can search for the command you require.

Delete (F11)

Use this to delete the soft option. Select **Confirm Delete (F11)** again to confirm the deletion.

Lowercase Input (F13)

Use this to enter lowercase characters in the Command to Execute field.

Translate to Lowercase (F16)

Use this to translate the Command to Execute field to lowercase.

View Substitution Variables (F17)

Use this to see a list of the substitution variables that are available.

Note: You must precede the variable name with the & character.

Override Syntax Checking (F18)

Use this to accept the command without syntax checking.

You can either select **Override Syntax Checking (F18)**, or select **OK** to accept the changes.

Executing Soft Options from a Command Line

Note: This applies to Green on Black emulation only.

You can execute soft options from a command line or from an option field.

You execute soft options from a command line by typing the soft option code and selecting **F7**. If the command line is blank, **F7** displays the Soft Options Selection window with a list of the available soft options for you to select from.

```
APG070          Administration Functions           System: STUDB30A
 Soft Options
 1=Select                                   Position to . . . _____
 Opt Option      Description
     AA          Test option
  _  AJ          Work with Active Jobs
  _  DM          Display message queue QSYSOPR
  _  ED          End Debug
  _  JB          Work with Jobq QBATCH
  _  JO          Work with job queue OVERNIGHT
  _  JP          Work with Jobq QPGMR
  _  JS          Work with Submitted Jobs
  _  J2          Work with Jobq QPGMR2
  _  OP          Work with Outq QPRINT
  _  OS          Work with Outq SYSPRT
  _  O1          Work with Outq PRT01
  _  PM          JSP Programmers Menu
  _  RI          Run IPG Application
  _  RR          Reclaim Resources
  _  SB          Work with subsystem QBATCH
  _  SF          Work with Spool Files
                                                            More...
 F3=Exit    F5=Refresh    F8=Add/Change    F12=Previous    F17=View Command
```

Fields

Option (Opt)

Select a soft option by entering **1** against the required item.

Functions

F17=View Command

The display changes to list the commands used to execute the soft options, together with additional details about the soft options. This toggles with **F17=View Text**.

Press **Enter** to run the option.

From an Option Field

You can execute soft options from an option field by typing the code in the field and pressing **Enter**. If you select **F7** with the cursor in the option field, the Soft Options Selection window is displayed, listing the available soft options.

Authorisation Violation Log

This log lists all instances of authorisation violations. A violation occurs when a user attempts to use a System Manager application, and so exceeds the current number of users allowed on the licence. The user who exceeds the licence number will be given an error message and will have to wait until one of the current users exits the application.

This highlights all levels of user access, including the licences for stacks.

Display Authorisation Errors Window

To display this window, enter **9** in the Selection field and then select **OK** on the Administration menu.

Fields

Application

You can optionally enter a source code, application code and release level, in order to limit the violations listed. Select **By Application (F15)** or **By Date (F16)** to apply the limitation.

Functions

By Application (F15)

Use this to sort the display by application.

By Date (F16)

Use this to sort the display by date.

Select **Exit (F3)** to return to the menu.

Maintain Role Profiles

This is very similar to the Maintain User Profiles option, but is used to authorise a role, rather than a single profile.

> Note: In order to make use of this option you should **check** the Role Processing flag on the Maintain System Manager Properties window.

Maintain Role Profiles Selection Window

➡ To display this window, enter **10** in the Selection field and then select **OK** on the Administration menu.

Use this window to set up new role profiles or amend existing ones.

Fields

Role Profile

To create a new profile, enter a new name. To maintain a profile, enter the name of an existing profile.

Alternatively, use the prompt facility to select from the <u>Role</u> Selection pop-up.

> Tip: When designing roles, we recommend adopting a naming convention to assist in the management of role/menu authorisations: the role and the initial menu should have the same name; then any sub menus should be based on the initial menu with a suffix. For example Role OECLERK Initial Menu OECLERK Submenus OECLERK01 and OECLERK02.

➡ Enter a profile and then select **OK** to display the Maintain Role Profiles Detail window.

Maintain Role Profiles Detail Window

➡️ To display this window, enter a profile and then select **OK** on the Maintain Role Profiles Selection window.

Use this window to set up the role profile.

Fields

Description

Enter the description of the role.

Short Description

You can also enter a short description for the role. This is used where there is less available space on a window or pop-up.

Initial Menu

Before a user can sign on to an application running under Application Manager, they must have a designated initial menu or a single application task. Enter the menu name here, which will apply to all users associated with the role.

Alternatively, use the prompt facility to select from the Select Menu pop-up.

> Note: When you specify an initial menu, it does not automatically grant the user authority to the options and functions on that menu.
>
> Set the authority in Maintain User Profiles by selecting the user profile and then selecting **Initial Menu (F13)**. Select an environment and then select **Authorise User (F13)**. This displays the Menu Activity Selection pop-up.

Single Application Task

To limit users associated with the role to a single task, enter the task. For example, purchase order clerks could be allowed to use only purchase invoice log item entry.

Note: If you use this field, you cannot define an initial menu for the role.

This field is split into four parts:

ID

Enter the application ID of the single task.

Vrsn

Enter the environment (application version) of the single task.

Release

Enter the release level of the default single task.

Task Code

Enter the task code of the default single task.

Note: Use the prompt facility to display the Select Application pop-up. Select the required application to display the Select Application Task pop-up, where you can select a task.

Functions

Delete (F11)

Use this to delete the role profile. Select **Delete (F11)** again to confirm the deletion or select **OK** to cancel.

Users (F14)

Use this to associate user profiles with the role profile.

This displays the User Authorisation pop-up, on which the user's current default role is displayed. This can be changed to the current role by selecting **Default** against the user. Selecting **Authorise** authorises the user to the role. If the user is already authorised to this role, changing the user authorisation setting from **Default** causes the user to have no default role.

Menus (F17)

Use this to grant authority for the role to menus using the Select Menu Authorisations pop-up.

Tasks (F19)

Use this to authorise the role profile to tasks within applications. The Select Tasks pop-up is displayed.

Note: It may be necessary to use this function to authorise some roles to background processing tasks that are not available from menu options.

Group Jobs (F21)

Use this to set up group jobs for this profile on the Group Jobs window.

Descriptions (F22)

If users associated with this role profile will be using a different language, use this set up the description and short description of the role in that language using the Select Language window.

Select **OK** to validate the data you have entered. Select **Exit (F3)** to update and to display the Exit Prompt pop-up. This pop-up gives you the options to save or abandon changes, or to return to the previous window. You can also choose whether to maintain another role profile.

Select Menu Authorisations Pop-up

To display this pop-up, select **Menu Authority (F17)** from the Maintain Role Profiles Detail window.

Use this pop-up to authorise the role to menus in System Manager.

When first displayed, the menu list is positioned to the role's initial menu.

If the role already has authority to the menu, this is indicated by a **1** against the menu in the Auth field on the pop-up.

Option	Auth	Env	Menu	Text
	1		AC	AC Main Menu
		AUL	AC	AC Main Menu
		A21	AC	AC Main Menu
		A22	AC	AC Main Menu
		CCS	AC	AC Main Menu
	1	DEM	AC	AC Main Menu
		R21	AC	AC Main Menu
		R22	AC	AC Main Menu
		S22	AC	AC Main Menu
		TB2	AC	AC Main Menu

Position list to: [   ]

OK   Previous   Filter   Show all
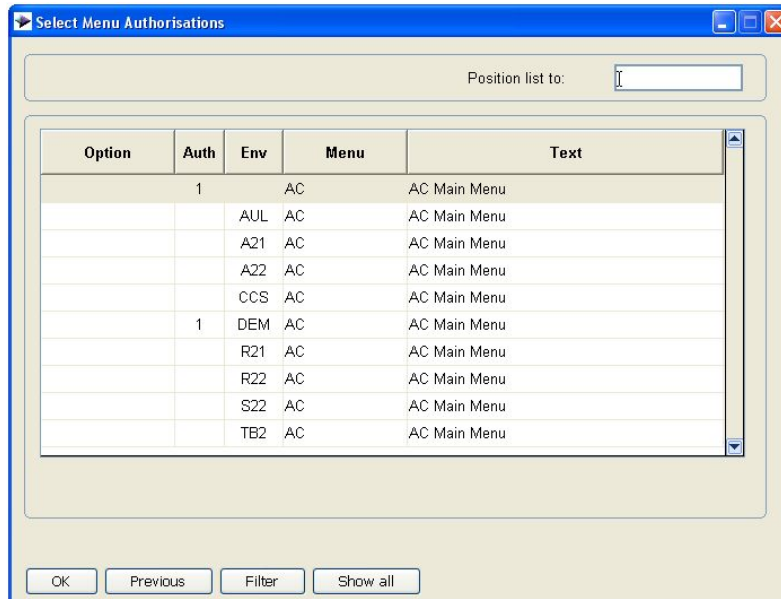
Fields

Option

Select one of the following:

Detail - To display the options and functions using the Menu Activity Selection pop-up

Authorise - To authorise the role to all functions and options on the menu

Revoke - To revoke authority for the role from all functions and options on the menu

Menu Enquiry - To display the Drop-Through Processing Enquiry - Menu Details window

Position List To

Use this to start the display at a particular place by entering one or more characters.

Functions

Filter (F17)

Use this to display only those menus within a selected environment. You specify your chosen environment on the Environment Selection pop-up.

Show All (F18)

Use this to display all menus within all environments.

Select **Detail** to display the Menu Activity Selection pop-up.

Print Role Profiles

One or more role profiles can be printed. You can also print details related to the role profile.

Print Role Profile Window

To display this window, enter **11** in the Selection field and then select **OK** on the Administration menu.

Use this window to select a profile or profiles and the level of detail to be printed.

Fields

Role Profile to be Printed
Enter a single role profile or a generic group of role profiles, or enter ***ALL** to print details of all role profiles.

Report Detail
Use these checkboxes as follows:
Unchecked - If you do not want to include the information in the report
Checked - If you do want to include the information in the report
The details printed for each role within each category are as follows:

Basic Information
The role's initial menu or single task

Role Application Information
The tasks to which the role is authorised, sorted by application

Role Menu Information
The menus, and the options and functions on those menus, to which the role is authorised

Role Group Job Information
The group jobs set up for the role

Users Authorised to Role
All of the users authorised to the role

Note: This report should be used in conjunction with the User Profile report to identify the full extent of a user's authorisation.

Note: If you **check** all the selections, this could produce a very large report. To print a role list, set all the selections to **unchecked** and specify ***ALL** in the Role Profile to be Printed field.

Select **Submit Report (F8)** to submit a batch job to produce the report.

When you return to the Administration Functions menu, you can use **View Prints (F18)** to display the Work with All Spooled Files window.

Tools/Utilities Window

To display this window, select **Tools (F15)** on the Administration Menu.

This window displays a menu of the most commonly used System Manager commands. You can launch these commands from this menu instead of from the command line.

A brief explanation of each command is included in this section.

```
TOOLS/UTILITIES - Run command TOOLS from any command line in System 21
XAT000        Administration Functions              System: STUDDENT
Type option(s), press Enter.                   Position to.....  _____
1=Execute Command
Opt Command    Description
 _  ADDDSPFRID Add Display File Reference ID
 _  CLNUSRALC  Tidy User Allocations
 _  CRTHLPPTR  Create Application Help Text Pointers
 _  DGNRPGSRC  Label Do Levels In RPG Source
 _  DLTDEP     Delete File Dependencies
 _  DLTOBJ     Delete Object
 _  DSPCTLDTA  Display Application Control Data
 _  DSPDEP     Display File Dependencies
 _  DSPDTAQ    Display Data Queue
 _  DSPFLD     Display File Field List
 _  DSPKEY     Display File Key And Select/Omit Details
 _  DSPLIBDEP  Display Library Dependencies
 _  DSPLIBSIZ  Display Library Size
 _  DSPMBRSIZ  Display File Member Sizes
 _  EXTDSPFRID Extract Display File Reference ID
    FINISH     Clean Sign Off
                                                          More...
 F3=Exit      F12=Previous
MA█    a                                              22/009
```

Fields

Option (Option (Opt))

Enter **1** to execute the command. The command option is launched. For more information on each of the commands, refer to the Command List section.

Note: When you execute the commands, the IBM function key **F13=How to Use this Display** is available with a detailed guide on how to use the window.

Command List

This section lists some of the commands that are available to you from Administration Functions.

CLNUSRALC - Clean User Allocations

This command allows you to verify allocations. See the [Application Manager](#) Product Guide for more information.

CRTHLPPTR - Create Help Pointers

This command will create the required pointers from display files to help text.

DGNRPGSRC - Label DO Group Levels in RPG Source

This command will label and number the nested DO groups in RPG source members, including the associated ELSE, END, ENDIF, ENDDO, ENDCS, ENDSL and SELEC statements. This can assist the programmer in identifying program logic.

Example:

```
DGNRPGSRC SRCFILE(OSLGLS3/QRPGSRC)
SRCMBR(SOURCE MEMBER NAME) LBLPOS(1)
```

You can use the LBLPOS keyword to insert the DO numbers in the left or right margins, or to remove the numbers. If any errors are found in the specified source member, the messages produced identify the first instances in the mainline program and/or subroutines where the errors are located.

DLTDEP - Delete File Dependencies

Use this command to delete any logical files associated with the specified physical file. The following is example syntax:

```
DLTDEP FILE(Library/Physical File)
```

DLTOBJ - Delete Object

This has the following syntax:

```
DLTOBJ OBJ(Library/Object)
```

DSPAUTERR - Display Authorisation Violations

Use the command DSPAUTERR to display the Authorisation Violation Log. See the Display Violation Log section for further details.

DSPCTLDTA - Display Application Control Data

Use the command DSPCTLDTA to display Gold Copy details about the products. To display details about a particular product enter DSPCTLDTA aaaaaaaaaa.

Note: Where aaaaaaaaaa is a library name.

DSPDEP - Display File Dependencies

This command will display all files dependent on a specified file, and can be used to display the logical file dependencies existing on an underlying physical file. It has the following syntax:

```
DSPDEP FILE(Library/File)
```

DSPDTAQ - Display Data Queue

This has the following syntax:

```
DSPDTAQ DTAQ(Library/Data Queue)
```

DSPXP - Display Execution Process

Executing the command without parameters is a useful way of accessing the Menu/Task Execution Process Enquiry pre-filling the entry window with detail from the current LDA.

You can use this to determine what environment settings (as well as overrides) are used by the signed-on user in the current application task. It is excellent for testing that the environment has been set up as desired, and proving that added overrides are actually taking effect.

DSPFLD Display File Fields

This command displays the field details of a file. It can be used in an interactive or batch environment. It has the following syntax:

```
DSPFLD FILE(Library/File) OUTPUT(*)
```

If the command is used in a batch environment, or if the user opts for the output to be directed to *PRINT, a listing will be produced of the field details.

If a multi-record format file is displayed, then one record format at a time is shown. To select another format, press **F5**.

For each displayed format's fields, the user can press the **Print** key and produce a listing of the fields for that format only.

Using *PRV in place of a file name means the user will be given the field information for the last file displayed on the panel (assuming the command has been previously used in that interactive job).

DSPKEY - Display Access Path & Select/Omit

This command will display the key and select/omit criteria for a file. It has the following syntax:

```
DSPKEY FILE(Library/File)
```

DSPLIBDEP - Display Library Dependencies

Use this command to:

Display logical files in other libraries scoped over physical files within a specified library.

Display physical files in other libraries, which have scoped over them logical files within a specified library.

The syntax of this command is:

```
DSPLIBDEP LIB(Library)
```

This command is useful when considering the ability to delete a large database files library. A check to see if any external dependencies exist ought to be carried out first.

DSPLIBSIZ - Display Library Size

Use this command to provide library sizes. Multiple libraries can be processed at once, with an overall total also provided for the selection. You can select to display the results on window, or to spool the results for printing by setting the OUTPUT option to *PRINT. The command has the following syntax:

```
DSPLIBSIZ LIB(Library1 Library2) OUTPUT(*)
```

DSPMBRSIZ - Display Member Sizes

This command will show how many deleted records a file contains. The syntax is:

```
DSPMBRSIZ LIB(Library) FILE(File) INCLUDE(Selection Criteria)
```

The command has the following parameters:

Library - Specify the name of the library within which the file(s) is/are contained.

Filename - You can specify a single filename, a generic, or *ALL.

Include - You can use the following values to include:

*ALL - All files that meet the selection criteria in filename

*DELETED - Only files that contain deleted records

*NO DELETED - Only files that contain no deleted records

*MEMBERS - Only files that contain members

*RECORDS - Only files that contain records

FINISH: - ENDGRPJOB, ENDPASTHR or SIGNOFF

Tip: You can type the command FINISH on any command line in System Manager.

The command FINISH has the effect of closing down any group jobs that are active for the workstation session. In addition if display station pass-through is in operation the session will be cleared down and your interactive job on the target server will be signed off. If the session is not using group jobs or pass-through then the session will simply be signed off.

GENERIC - Generic

Use the Generic command to perform the same operation on many objects, where the command itself does not support the specification of generics. It can also be used to display all objects that fulfil the selection criteria, prior to choosing those to be actioned.

The command parameters, such as object name, must be supplied as substitution variables. These are:

```
&N Object name
&L Library
&T Object type
&S Object type without * (for example'FILE' rather than *FILE)
&A Object attribute
&B Object attribute adjusted for PHY/LGL
&Z Source file name
&K Source Library
&M Source member
```

Example:

```
GENERIC OBJ(IPGCFP4/*ALL) OBJTYPE(*CMD)
OBJATTR(*ALL) IGNATTR38(*NO)
CMD('MOVOBJ &L/&N &T OSLSYS')
MAXERR(0) DSPOBJ(*YES)
```

This will display all commands in library IPGCFP4 to select those to be moved to library OSLSYS.

GETLDA - Get Local Data Area from Stack

This command will reset data area *LDA from information held in a data queue. See also command PUTLDA.

GETLIBL - Get Library List from Stack

This command will reset your library list from information held in a data queue. See also command PUTLIBL.

LSTRPG - List RPG Source

This utility will print an RPG source member in condensed format, with the ability to print two source columns per page on 198 character per line printers. It will also print the number of source statements, comments, table lines and SQL statements in the program.

The syntax is:

```
LSTRPG MBR(Member name) INPFILE(Library/Source File)
PRTCOLS(*YES) CPYSRC(*YES) IGNCD(*NO)
FRMSTMT(000000) TOSTMT(999999)
```

The additional command parameters are as follows:

PRTCOLS - Set this to *YES to print two columns per page, set it to *NO to print a single column.

CPYSRC - Set this to *YES to include /COPY source code, set it to *NO to leave the /COPY source code unresolved.

IGNCD - Set this to *YES to ignore /SPACE and /EJECT lines/function, set it to *NO to include them.

FRMSTMT - Use this to start from any line in the source.

TOSTMT - Use this to stop the list at any line of the source later than that specified in the FRMSTMT parameter.

LSTSRC - List Any Source

This utility will print any source member. RPG source is printed via the LSTRPG command (called from this one). Please refer to LSTRPG for further information.

The syntax is:

```
LSTSRC MBR(Member Name) INPFILE(Library/Source File)
PRTCOLS(*YES)
FRMSTMT(000000) TOSTMT(999999)
```

MNTIPGLIBL - Maintain Internal Library List

Use the command MNTIPGLIBL to modify the library lists that will be used by the System Manager modules.

The modules are identified by the following two character codes:

- AM Application Manager
- CF Administration Functions
- C@ File Migration Utility
- G@ Interactive Program Generator
- HK Housekeeping
- MM Machine Manager
- NW Network Manager
- R@ Report Generator
- SC System Manager Conversion
- WF Work Management

Used in conjunction with a Language Code, it provides the mechanism of having many language versions of the same module on a single processor. For further information see the Maintain User Profiles and Maintain Language Parameters sections.

MOVSRCMBR - Move Source Member

A useful utility in tidying source file, MOVSRCMBR handles multiple source members with the following syntax:

```
MOVSRCMBR FROMFILE(Library/Source File) TOLIB(Library)
FROMMBR(Member Name) TOMBR(Member Name)
TOFILE(Source File)
TOMBROPT(*REPLACE) FROMMBROPT(*DELETE)
```

The command parameters are as follows:

FROMFILE - Specify the library/source file from which the source is to be moved.

TOLIB - Specify the target library.

FROMMBR - Specify the single, or first (alphabetically ordered), member to be moved. The option *FIRST can be specified.

TOMBR - Specify the single, or last (alphabetically ordered), member to be moved. The option *LAST can be specified.

TOFILE - Optionally specify the target source file if it differs from the source file (for example QRPGSRC) specified in the FROMFILE parameter.

TOMBROPT - Set this to *REPLACE to overwrite any existing source member of the same name. Set it to *LEAVE if overwriting needs to be prevented. Any source move encountering an existing target member will NOT be moved.

FROMMBROPT - Set this to *DELETE to automatically delete the From member being moved. Set it to *LEAVE to leave it (that is, act as a COPY rather than a MOVE).

PRTDBR - Print Database Relations

Execute this command in order to produce a listing of logical files scoped over all physical files in a library. No access path information is included in this listing. The syntax is:

```
PRTDBR LIB(Library)
```

PRTDUPMBRN - Print Duplicate Member Names

This command compares two source files and lists members to both. The TYPE parameter allows an extra comparison check with source type (*YES to compare at type level, *NO to compare just at member name level). The syntax is

```
PRTDUPMBRN FILE1(Library/Source File) FILE2(Library/Source
File))TYPE(*NO)
```

PRTDUPOBJN - Print Duplicate Objects

This command compares two libraries and lists objects in both. The command can be limited by both object name and object type. The object name will allow a generic entry, as well as *ALL.

The syntax is:

```
PRTDUPOBJN LIB1(Library) LIB2(Library
OBJ(Object Name) OBJT(Object Type)
```

PRTFLD - Print Library Files Field Layouts

This command can be used to produce a listing of physical files (File, Fields, Lists) within a library. A single file name, a generic name or *ALL can be used in the file parameter.

Example:

```
PRTFLD FILE(Library/File)
```

The command can be used in interactive and batch environments.

PRTLIB - Sequenced Library Print

This command prints a listing of all objects in a library. The listing includes more information than the command DSPLIB. The syntax is:

```
PRTLIB LIB(Library)
KEY1(*NONE) KEY2(*NONE) KEY3(*NONE)
```

The report can be sequenced by up to three of the following parameters:

*OBJNAM - Object Name

*OBJTYP - Object Type

*OBJATR - Object Attribute

*OBJSIZ - Object Size

*CRTDAT - Creation Date

*CRTTIM - Creation Time

*SAVDAT - Save Date

*SAVTIM - Save Time

*CHGDAT - Change Date

*CHGTIM - Change Time

*SRCDAT - Source Change Date

*SRCTIM - Source Change Time

*OBJOWN - Object Owner

PRTPGMREF - Print File References

Execute this command to produce a listing of files accessed by programs in a library. This enhances the DSPPGMREF command to include selection and sequencing criteria.

Example:

```
PRTPGMREF PGMLIB(library) OBJ(*ALL) OBJTYPE(*FILE) PRTSEQ(*OBJ)
```

PUTLDA - Put Local Data Area

This command will save the data area *LDA to a data queue for subsequent re-settings using the command GETLDA.

PUTLIBL - Put Library List

This command will save the library list to a data queue for subsequent resetting using the command GETLIBL.

RGZDTALIB - Re-organize Data Files in Library

This command re-organises files in a specified library. Its syntax is:

```
RGZDTALIB LIB(library) FILE(*ALL) RGZDTA(*ACCPTH)
```

The filename can be specified individually, or a generic (partial filename) used instead of *ALL.

The data re-organisation can be carried out based on either access path (*ACCPTH) or relative record number (*RRN).

SCNSRCF - Scan Source File

This command submits a batch job to scan all members in a source file for a given character string. This can be useful in searching for all the source entries of a field whose attributes are to be changed.

If leading and trailing blanks are significant, then the string must be enclosed in quotes. The search date can be used to select only those source statements whose last change date fulfils the given parameters.

Ignore case can be used to select regardless of upper and lower case characters.

For wild cards, if underscore (_) appears in the search string, then it will match with any character. For example, searching with CAD_05 will select CAD105 and CAD205.

An asterisk (*) in the search string will match with a string of characters. For example, searching for CAD*5 will select CAD15, CAD205 and CADanystring5.

SELMSG - Search Message File for Character String

This command enables the user to display certain messages contained in a defined message file.

The display is limited to those messages that contain a specified character string, which is entered as a run time option when the command is initiated. By positioning the cursor over a message and pressing **Help**, the second level message text can be displayed. You can reselect, from within the display, a new search string to be applied, and if any messages are found which satisfy the new string, the display will be refreshed with them. You can specify MSGF(*PRV) and use the same message file as previously - only the search string needs to be specified. If a different message file is required, then simply specify it in the MSGF parameter.

Example:

```
SELMSG STRING(DATE) MSGF(AULIND1/INMSGF)
```

This command will display all messages containing the string date in the message file INMSGF in the library AULIND1.

If no messages meet the search string, the user can reselect and continue without exiting the display.

SETIPGLIBL - Set Internal Library List

Use the command SETIPGLIBL to change your library list to contain the libraries from one of the following sources:

- System Manager modules
- Development products
- Applications controlled by Application Manager

For details about how the contents of library lists are maintained see the command MNTIPGLIBL and refer to the Application Manager Product Information.

The command SETIPGLIBL has the following parameters:

- Application ID (APPL)
- Version (VRSN) - Not used if the Library list type is *IPG
- Release (RLSL) - Not used if Library list type is *IPG
- Library List Type (TYPE) - Defines how library list details are obtained. The allowed values are:

  - *IPG indicates use the library list defined using the command MNTIPGLIBL

  - *USER indicates use the application's library list maintained via IPG/400, IRG/400 and Application Manager using the library list code *DFT

  - *MGR indicates use the application's library list maintained via Application Manager, using the application's default library list code.

- Replace Existing LIBL (REPLACE) - Valid values are *YES and *NO
- Position in LIBL (POSITION) - Only used if you specify Replace Existing LIBL *NO. Valid values are *FIRST and *LAST.

  Note: The user's language code will also be used to determine which library list to use.

SMISYSCMDS - Install System Library Commands

Use the command SMISYSCMDS to populate the library to be your System Library with objects from one or all of the System Manager and Developer products.

The command has two parameters:

- System Library Name (LIB) The name you have selected for the System Library. The default is AULSYS.
- Install commands from module (MODULE) A two-character module ID can be entered. Leave this parameter blank to indicate all modules.

STRWFI Start System Manager

Use the command STRWFI to display the System Manager Main menu. This menu allows access to all of the System Manager modules.

STRWFIAM - Start Application Manager

Use the command STRWFIAM to go straight to Application Manager without the need to use the command STRWFI.

The command has three parameters: Application ID (APPL), Version (VRSN) and Release (RLSL).

STRWFICF - Start Administration Functions

Use the command STRWFICF to go straight to the Administration Functions module without the need to use the command STRWFI.

STRWFIHK - Start Housekeeping

Use the command STRWFIHK to go straight to the Housekeeping module without the need to use the command STRWFI.

STRWFIMM - Start Machine Manager

Use the command STRIPGMM to go straight to the Machine Manager module without the need to use the command STRWFI.

STRWFINW - Start Network Manager

Use the command STRIPGNW to go straight to the Network Manager module without the need to use the command STRWFI.

STRIPGAM - Start Application Manager

Superseded by STRWFIAM. STRIPGAM continues to function.

STRIPGCF - Start Administration Functions

Superseded by STRWFICF. STRIPGCF continues to function.

STRIPGHK - Start Housekeeping

Superseded by STRWFIHK. STRIPGHK continues to function.

STRIPGMM - Start Machine Manager

Superseded by STRWFIMM. STRIPGMM continues to function.

STRIPGNW - Start Network Manager

Superseded by STRWFINW. STRIPGNW continues to function.

STRM400 Start WFi Manager

Superseded by STRWFI. STRM400 continues to function.

WRKLDA Work with Local Data Area

This command can be used to display and/or update the local data area *LDA. It is especially useful in displaying or changing the System Manager - Application Manager definition of the first 256 bytes. Function key **Display Switches (F10)** allows the job switches to be displayed and changed.

Glossary

AM

Acronym for Application Manager

APPC Network

IBM acronym for Advanced Peer-to-Peer Communications

Application

In System Manager this refers to a group of related modules. For example the Financials application includes modules for General Ledger, Accounts Receivable and Cash Management. Third party applications can refer to any software package.

Application Manager

This is designed for the easy management of applications. It sits between the iSeries/400 system and the applications it manages, providing a route into them for the user. It can also be used to control third party functional areas and to design bespoke menus.

APPN Network

IBM term for Advanced Peer-to-Peer Networking

Drop-through Rules

The drop-through rules govern which versions of menus, tasks and library lists. Application Manager will try to use for a given request according to the environment (whether default or non-default). See the section Environment Usage for further details. See also the Display Menu/ Task Process (Step-by-Step) Enquiry, in particular the Thought Process Window, as these enquiry screens demonstrate the drop-through rules.

EDI

Acronym for Electronic Data Interchange

Electronic Data Interchange

This is a method of transmitting business information over a network, between trading partners. The partners must agree to follow approved national or industry standards for translating and exchanging information.

E/D Processor

Escalation and Delegation of Schedule Rules as configured in @ctive Modeler

HK

Acronym for House Keeping

House Keeping

This is designed to manage libraries by recording details such as frequency of use, sizes, owners and dates last changed or saved. It can also perform unattended saves as an overnight job.

IPG

Acronym for Interactive Program Generator

This is a programming language used to write interactive programs which interface with RPG programs.

IPL

Acronym for Initial Program Load

This is the iSeries/400 equivalent of boot up on a PC.

Job Status

The job statuses in Machine Manager are:

A - Active

E - Completed

J - Submitted

S - Started

W - Waiting

X - Warning

Refer also to Task Status.

Job Types

These are often reported as a one-character code:

E - Auto Day-End Job

I - Initiator

J - Job Scheduler

P - Power Down

S - Auto Day-Start Job

Where the job type has two characters, the second character indicates the current status of the job.

LDA

Acronym for Local Data Area

Application Manager uses the Local Data Area (LDA) to pass information between programs. The first 256 characters of the 1024 character LDA are fixed and pre-defined. The remainder of the Local Data Area is specifically for application usage. You must make sure that your applications never change the first 256 characters of the Local Data Area.

> Note: The exception to this rule is the return code L#RTCD positions 118 to 119 of the Local Data Area. If you are changing the return code then you save the LDA before you execute your routine and restore it back when your routine has completed.

Log Entry Types

Major Log Types are:

Blank - All Types

S - Auto-Day Start Jobs

I - End-Day Initiator Jobs

E - Auto-Day End Jobs

P - Power Down Jobs

Minor Log Types are:

EE - Auto Day-End Jobs Completed

ES - Auto Day-End Jobs Started

EZ - Authority Violation

IA - Day-End Initiator Activated

IC - Day-End Changed

IJ - Day-End Initiator Submitted

IW - Day-End Initiator Waiting

IX - Day-End Initiator Warning

JJ - Job Scheduler Submitted

JP - Job Scheduler Processing

PE - Power Down System Ended

PJ - Power Down System Submitted

PS - Power Down System Started

PW - Power Down Wait

PX - Power Down Time Limit Passed

SE - Auto Day-Start Jobs Completed

SS - Auto Day-Start Jobs Started

SZ - Authority Violation

Machine Manager

This is designed to provide automatic management of daytime and night-time operating environments, where daytime processing is mainly interactive and night-time processing is mainly batch. The interface between the two operating environments is controlled through scheduled day-start and day-end jobs.

MM

Acronym for Machine Manager

Module

This is the name given to the constituent parts of an application. For example, General Ledger, Accounts Payable and Accounts Receivable are all modules of the Financials application.

Network Manager

This is designed as a user-friendly interface for configuring and maintaining the network. It uses SNADS (System Network Architecture Distribution Services), the IBM SNA distribution service, to distribute objects and messages between systems on the network. These systems can be linked directly or indirectly.

QSECOFR

This is the sign-on for the security officer. It gives you super-user status when entering commands on the command line in System Manager.

Role

A role represents a job title to which certain tasks are assigned. For example, a Sales Order Clerk could be assigned the tasks of Sales Order Entry and Customer Order Enquiry.

SAA Standards

IBM acronym for System Application Architecture Standards

SNADS

IBM acronym for System Network Architecture Distribution Services

Source

The application source codes

For example, use U for your own applications in Administration Management.

Task Status

The completion status of the task last time it was executed

RS - Ran Successfully

RN - Never Run

RF - Run Failed

SS - Submitted Successfully