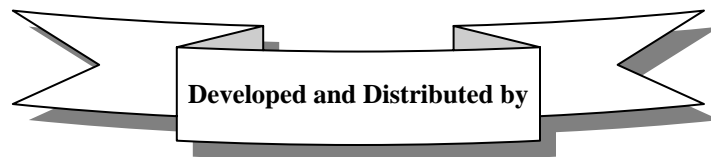


REPRINT

Release 1.22

Reference Manual

IBM iSeries (AS/400)



WorksRight Software, Inc.

P. O. Box 1156

Madison, Mississippi 39130

(601) 856-8337

FAX (601) 856-9432

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INTRODUCTION

Reprint is an automatic, real-time, on-line archival solution for your iSeries (AS/400) user's spooled files. As confusing as that may sound, *Reprint* is simply a recycle bin for your iSeries (AS/400) reports. *Reprint* automatically archives spooled files as they arrive in your output queues and allows each user to view and/or reprint their own reports by selecting them from a list.

There are many reasons to use *Reprint* to complement your existing spooled file archival procedures. Unlike long-term, off-line spooled file archival solutions, *Reprint* requires no system operator assistance or intervention for the archival and restoration of spooled files. Once set-up is complete, *Reprint* can archive existing spooled files and will automatically archive new spooled files as they arrive in your output queues. User's are able to view and/or reprint their own reports at any time by executing a single command and selecting the desired report from a list.

Many iSeries (AS/400) installations address the short-term spooled file archival issue by leaving spooled files in output queues in a held or saved status. This is a bad idea for two reasons. First, in the event of a disk failure (and sometimes OS/400 upgrades), those spooled files are lost. Second, by leaving a spooled file in an output queue, you are keeping an old and otherwise dead job alive. This unnecessarily eats up system resources. *Reprint* provides the same benefits as leaving a spooled file in an output queue without the costs associated with keeping the old job alive. *Reprint* frees up system resources for jobs that are truly active. By including the *Reprint* library in your normal backup, you can also eliminate the risk of losing those spooled files to a disk failure or OS/400 upgrade.

Reprint works by attaching a special data queue to each output queue that you wish to have monitored. The output queues to be monitored are identified during the setup process and can be modified at any time. When a spooled file arrives in a monitored output queue, OS/400 sends an entry to the special data queue. *Reprint* uses the information in the data queue entry to determine whether or not the spooled file meets your criteria for archival. The spooled file criteria for archival is also specified during the setup process and can be modified at any time. If criteria is met, the spooled file is immediately archived and processed as usual. Otherwise, *Reprint* ignores the spooled file and it is processed as usual.

Even if you already have a data queue attached to your output queues, *Reprint* will work for you. This is because *Reprint* is adaptable and will recognize existing output queue / data queue relationships. If an output queue / data queue relationship exists at the time *Reprint* is started, *Reprint* will attach its own data queue to the output queue and echo all data queue entries to the original data queue. When *Reprint* is ended, the original data queue is re-attached to the output queue so that normal processing may continue.

Users can view and/or reprint their reports by executing the **REPRINT** command. This command can be placed in a CL program or on a user's menu if command line access is not available. When the **REPRINT** command is executed, the user is presented with a list containing only their spooled files that have been archived by *Reprint*. Any spooled file can be selected from the list for immediate viewing or reprinting.

Reprint is flexible. The list of output queues to be monitored by *Reprint* can be modified at any time by adding new output queues or removing existing output queues. Once an output queue is identified to be monitored, you control which spooled files are archived from the output queue by entering spooled file criteria. The spooled file criteria that can be specified include spooled file name, job name, user name, printer file name, user data, and forms type. Each of these criteria can be entered as a specific value, a generic value, or as the special value, *ALL. For each set of criteria, you can also indicate a unique number of days to retain the archives for spooled files that met the criteria.

Reprint is self-maintaining. Self maintenance is accomplished via the use of an auto-purge feature. The auto-purge feature will automatically delete spooled file archives once their retention days have been exceeded. The auto-purge feature also deletes aged archive deletion and reprint history. While the auto-purge feature of *Reprint* can be turned off, we strongly recommend leaving it on. This feature makes *Reprint* truly maintenance-free and helps minimize the amount of disk space used by *Reprint*.

Reprint is also self-contained. Other than four commands optionally copied to the QGPL library during installation, *Reprint* is totally isolated in its own library. This includes all programs, files, commands, and spooled file archives.

Reprint's extensive reporting capabilities keep you well informed of all *Reprint* activity. All reports can be requested via the *Reprint Reports Menu* or via special commands provided with *Reprint*. *Reprint* commands can even be included in a job scheduler for automated reporting. Reports available include the following:

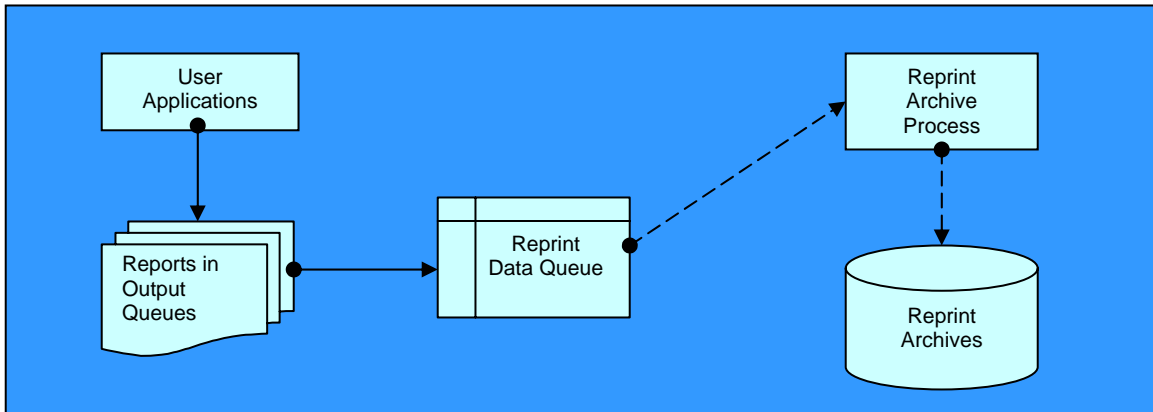
1. Disk Usage Analysis Report
2. Directory Analysis Report
3. Deletion History Analysis Report
4. Reprint History Analysis Report – By Archived Spooled File
5. Reprint History Analysis Report – By Reprinting User
6. Configuration Analysis Report
7. Exception Report

An on-line help text support system is included with *Reprint*. The help system provides you with field level help text for all fields appearing on all screens within *Reprint*. The help text is presented to you via pop-up windows. To access the help text, simply place the cursor on the desired field and press the **F1** key. The help text for that field will be displayed in a window in the opposite quadrant of the screen. The help text window can be enlarged to a full screen display for easier reading or moved to a new screen location if needed information has been overlaid.

PROCESS FLOWCHARTS

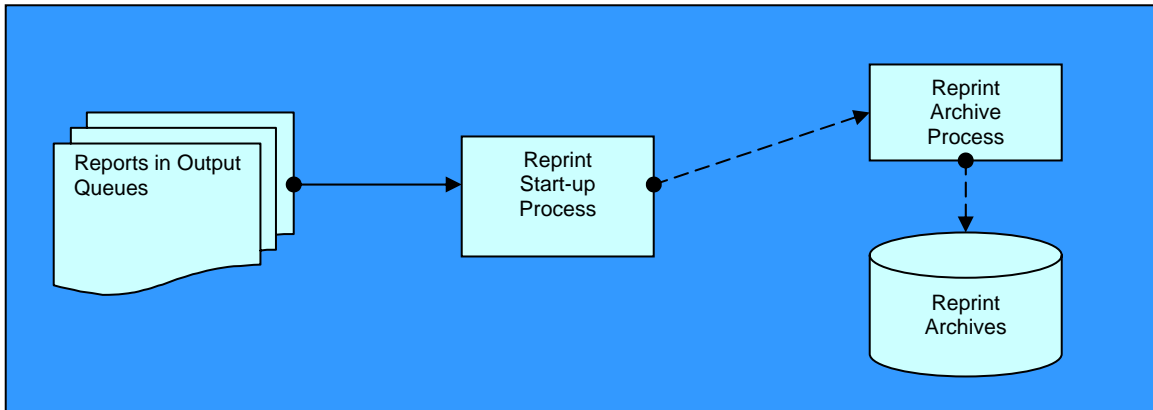
The following flowcharts outline the major functions of *Reprint*.

Report Archival (Real-time)



User applications create spooled files and place them in OS/400 output queues. When the spooled files obtain a ready (RDY) status, meaning they are ready to print, OS/400 sends an entry to the special *Reprint* data queue. As entries arrive in the *Reprint* data queue, they are processed and the associated spooled file is archived. It is important to note that spooled files are archived only once regardless of how many times they obtain a ready status.

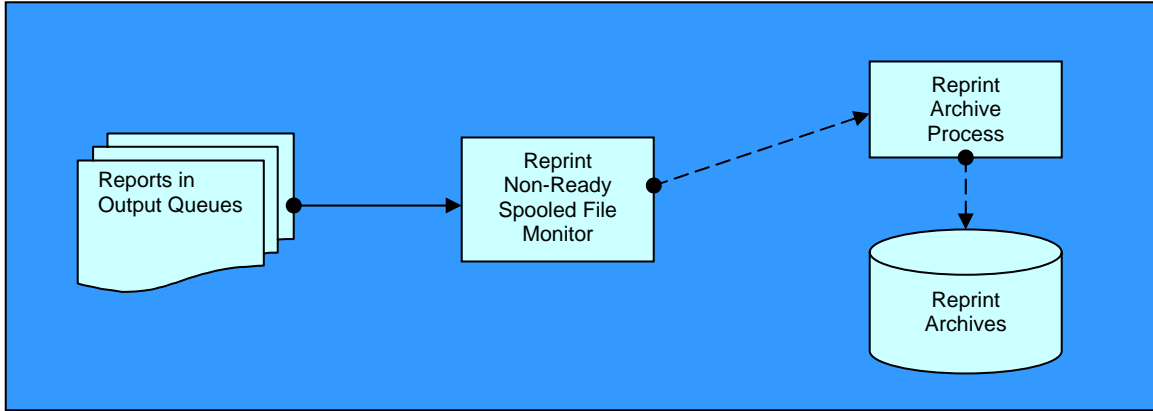
Report Archival At Start-up (Optional)



If *YES is specified in the *Reprint* System Defaults for Archive "Ready" spooled files at start-up, *Reprint* will check all monitored output queues for spooled files that obtained a status of ready (RDY) while *Reprint* was inactive. For a spooled file to be archived by *Reprint* at start-up, it must have a current status of ready (RDY), it must meet the spooled file criteria specified for the monitored output queue, and it must not already exist in the *Reprint* Directory of Archives or Deletion History file.

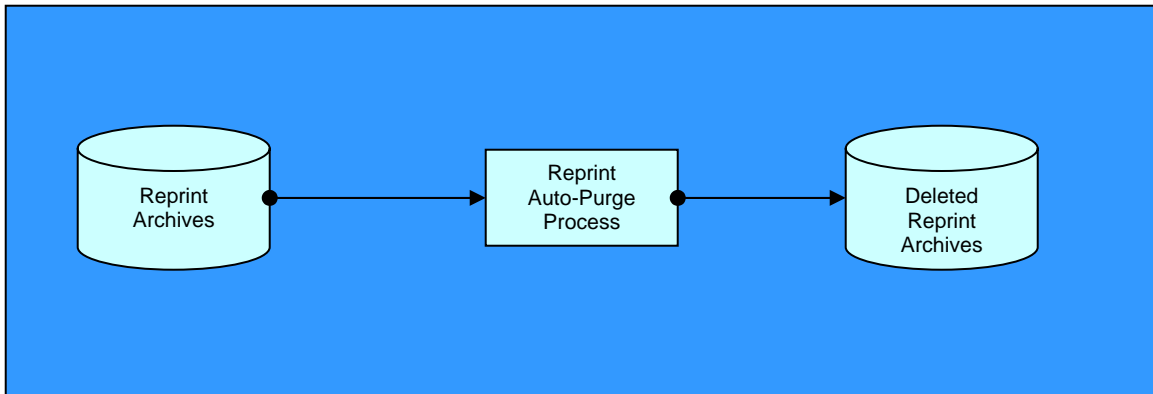
PROCESS FLOWCHARTS (Continued...)

Archive “Non-Ready” Spooled Files (Optional)



If *YES is specified in the *Reprint* System Defaults for *Archive “Non-Ready” spooled files*, *Reprint* will check all monitored output queues at specified intervals for spooled files that have a non-ready (i.e. HLD, SAV, etc.) status. *Reprint* will archive all non-ready spooled files that meet the spooled file criteria specified for the monitored output queue and do not already exist in the *Reprint* Directory of Archives or Deletion History file.

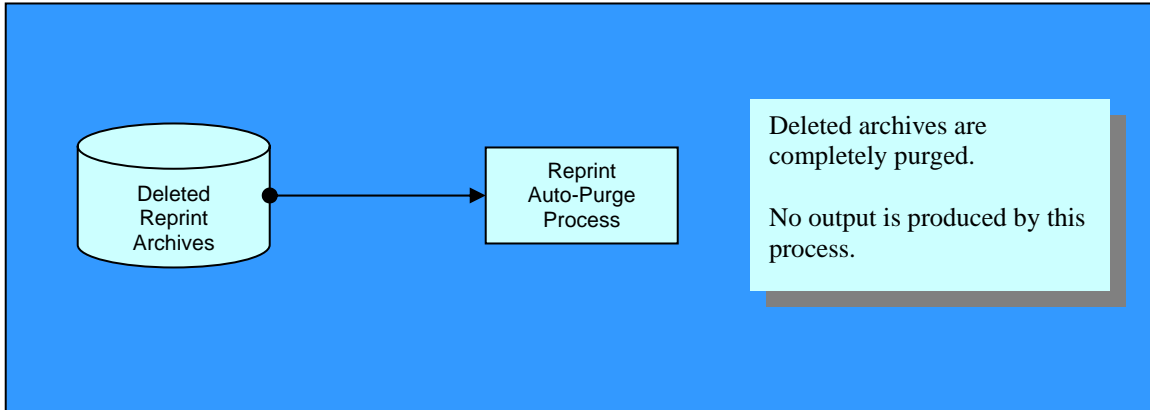
Archive Auto-Purge (Optional)



If *YES is specified in the *Reprint* System Defaults for *Automatically purge REPRINT history and archives*, *Reprint* will attempt to purge expired archives each time a system date change is recognized. When expired archives are purged, they are placed in the Deletion History file and marked as a deleted archive. Deleted archives can be viewed, reprinted, and/or un-deleted by any *Reprint* System Administrator for as long as they remain in the Deletion History file.

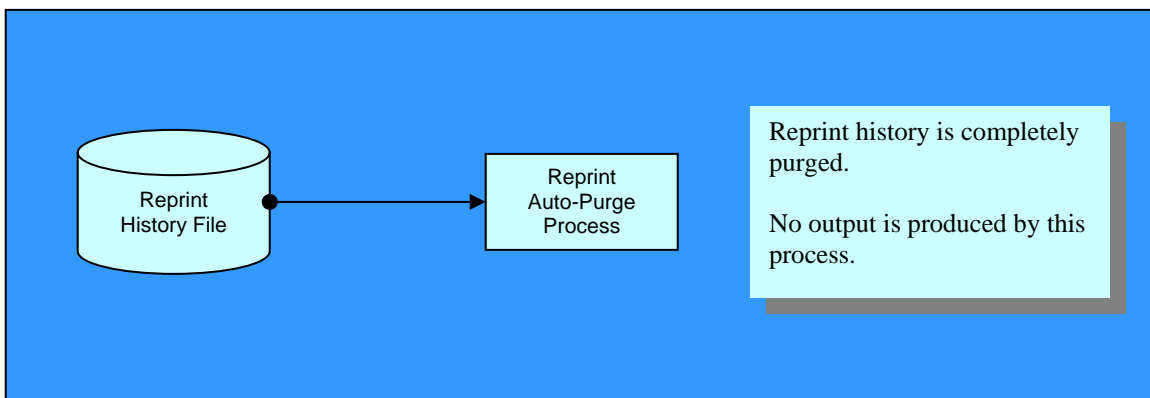
PROCESS FLOWCHARTS (Continued...)

Deletion History Auto-Purge (Optional)



If *YES is specified in the *Reprint System Defaults* for *Automatically purge REPRINT history and archives*, *Reprint* will attempt to purge expired deleted archives each time a system date change is recognized. When expired deleted archives are purged, they are removed from the Deletion History file and fully purged from the system. Once a deleted archive has been purged, it cannot be viewed or reprinted by any user.

Reprint History Auto-Purge (Optional)



If *YES is specified in the *Reprint System Defaults* for *Automatically purge REPRINT history and archives*, *Reprint* will attempt to purge expired reprint history each time a system date change is recognized. When expired reprint history is purged, the reprint information (i.e. which spooled file was reprinted, who performed the reprint, reprint date and time, etc) is completely removed from the *Reprint History* file and no longer available for review.

ENHANCEMENTS

A partial list of fixes and enhancements included in this release of *Reprint* is as follows:

Release 1.05

- Enhanced the *Reprint* subsystem and output queue monitoring application to allow for multi-thread processing. This change provides more efficient archiving of all spooled files and more reliable archiving of small spooled files.
- Enhanced the *Reprint* user interface by allowing subset criteria to be specified for most lists. Using the subset criteria, a user can quickly locate a specific entry without having to scroll through pages of entries.
- Enhanced the *Reprint* user interface by optimizing the building of all lists. Lists are now built a few pages at a time and extended as needed. For lists with hundreds or thousands of entries, this enhancement results in the list being displayed much faster.
- Enhanced the *Reprint* user interface by improving cursor position retention when switching between different views of a single list. Cursor position is now retained down to the list entry level.
- Enhanced *Reprint's* recovery capabilities in the event of an abnormal system end. Recovery functions are also performed if certain modifications are made to an output queue while it is actively being monitored by *Reprint*.
- Modified the *Reprint* spooled file archiving application to prevent attempts to archive the same spooled file more than once. This modification corrects a potential error that could occur under a very specific set of circumstances.
- Modified all *Reprint* applications programs to automatically recover from failed attempts to calculate a spooled file's size when the necessary spooled file attributes are corrupted. This modification corrects an error that would only occurred while *Reprint* was processing a spooled file with corrupted attributes.
- As with previous releases, an updated .PDF version of the *Reprint Reference Manual* is included on all *Reprint* CD-ROM distribution media.

Release 1.07

- Modified all list programs to limit maximum list size to 8000 entries. This fix eliminates the MCH1210 error that occurred when an attempt was made to load too many entries into the list for display.
- As with previous releases, an updated .PDF version of the *Reprint Reference Manual* is included on all *Reprint* CD-ROM distribution media.

Release 1.20

- Added the ability to archive existing spooled files at start-up. This new feature allows you to have *Reprint* capture spooled files that were created while the *Reprint* Output Queue monitor was inactive.
- Added the ability to archive “Non-Ready” spooled files. This new feature allows you to have *Reprint* capture spooled files that are generated and left in a monitored output queue with a held (HLD) status. This feature also allows you to have *Reprint* capture spooled files that were generated, printed, and set to a save (SAV) status while the *Reprint* Output Queue monitor was inactive.
- Added a new *Reprint* System Default that allows you to indicate which spooled file list view is shown first when displaying spooled file lists. Valid values are 1 through 4 representing view 1 through view 4. Regardless of which view is shown first, all other spooled file list views are available via the F10 and F11 function keys.
- Enhanced spooled file lists to display spooled files that have been reprinted in white text. Spooled files that have not been reprinted are displayed in green text. This enhancement provides a quick visual indication of whether or not an archived spooled file has been reprinted.
- Enhanced the reprint function to allow reprint criteria (output queue name, copies to print, and set status to hold) to be entered once and applied to multiple spooled file selections. This enhancement can significantly speed up the process of reprinting multiple spooled files sharing the same reprint criteria.
- Enhanced the tracking of reprinted spooled files. This enhancement is specifically for users running under OS/400 V5R1M0 and higher. When an archived spooled file is reprinted while running under OS/400 V5R1M0 or higher, the exact identifying attributes are always recorded for the reprinted spooled file. When running under older releases of OS/400, the exact identifying attributes are only available if the reprinting user is the same as the original spooled file owner or if the *Reprint* System Defaults are set for the reprinting user to be the owner of reprinted spooled files.
- Modified all programs to completely and correctly support date formats other than Month/Day/Year. Reprint now correctly supports the Year/Month/Day format as well as the popular European format, Day/Month/Year.
- As with previous releases, an updated .PDF version of the *Reprint Reference Manual* is included on all *Reprint* CD-ROM distribution media.

Release 1.21

- Modified the installation of *Reprint* as follows:
 1. Added license agreement acceptance screen. *Reprint* is now self-licensing. The license agreement is accepted at installation time. Returning a signed license agreement is no longer required.
 2. It is no longer a requirement that users sign on as QSECOFR to install *Reprint*. Installing users must, however, have the special authorities *ALLOBJ and *SECADM.
- As with previous releases, an updated .PDF version of the *Reprint Reference Manual* is included on all *Reprint* CD-ROM distribution media.

Release 1.22

- Modified *Reprint* to set the environment variable QIBM_NOTIFY_CRTSPLF to *NONE instead of *NULL upon completion of a reprint request. The *NULL value was causing a problem for printed output produced by QUERY.
- As with previous releases, an updated .PDF version of the *Reprint Reference Manual* is included on all *Reprint* CD-ROM distribution media.

YEAR 2000 COMPLIANCE

This release of *Reprint* is YEAR 2000 COMPLIANT. *Reprint* will recognize and correctly process dates beyond December 31, 1999.

Reprint accepts date values as input in two ways: as screen input and as a parameter value for a *Reprint* command (i.e., **PRTEXCPT**). When a date is specified as screen input, the date must be entered in the six-digit date format specified as your system's date format. In this case, all dates are assumed to be within the range of January 1, 1940 and December 31, 2039. The value 021405 in the *MDY format would be February 14, 2005.

When a date is specified as a parameter value for a *Reprint* command, the date may be entered in the six-digit or eight-digit version of your system's date format. February 14, 2005, can be entered as either 021405 or 02142005 if your system's date format is *MDY. If the six-digit format is used, all dates are assumed to be within the range of January 1, 1940 and December 31, 2039. If the eight-digit format is used, dates must be within the range of August 24, 1928 and May 9, 2071.

All dates presented as output by *Reprint* (screen or print) are presented in the six-digit version of your system's date format.

WARRANTY

WorksRight Software, Inc. warrants that *Reprint* will generally perform as advertised. Due care and effort have been used in the design and coding of *Reprint*.

The user of *Reprint* bears a responsibility to use diligence and care in the use of *Reprint*. The user must review the results produced by *Reprint* and exercise judgment as to the fitness of *Reprint* for use in their business.

In the event that any error in *Reprint* is discovered, WorksRight Software, Inc. will make every reasonable effort to correct the error. In any event, WorksRight Software, Inc.'s liability will be limited to the purchase price of *Reprint*.

INSTALLATION

The installation of *Reprint* should have no effect on other applications already residing on your system. This installation process will, however, optionally place four new commands in the library QGPL. Whether or not each command is actually placed in the library QGPL is determined by the “action to take” specified on the *Reprint Command Installation Prompt* screen presented during the installation process.

The first command optionally placed in the library QGPL is the **REPRINT** command. This command is the *Reprint* user interface for normal users. If your users do not have command line access, this command can be included in a CL program or menu definition. When executed, this command presents the user with a list of only his or her own spooled files that have been archived by *Reprint*. From the list, the user may select an archive to be reprinted, viewed, and/or deleted from his list of archived spooled files. If you choose to not place this command in the library QGPL, the command can still be accessed by qualifying it with the *Reprint* library name, REPRTLIB (example: **REPRTLIB/REPRINT**).

The second command optionally placed in the library QGPL is the **STRREPRINT** command. This command is the *Reprint* user interface for System Administrators. If your users do not have command line access, this command can be included in a CL program or menu definition. When executed, this command presents the user with the *Reprint Main Menu*. From the *Reprint Main Menu*, the System Administrator can perform various *Reprint* administrative functions including maintaining the *Reprint* System Defaults, maintaining the *Reprint* configuration files, reprinting reports from deleted archives for other users, and running reports from the *Reprint Reports Menu*. If you choose to not place this command in the library QGPL, the command can still be accessed by qualifying it with the *Reprint* library name, REPRTLIB (example: **REPRTLIB/STRREPRINT**).

The third command optionally placed in the library QGPL is the **STRRPMON** command. This command provides the ability to start the *Reprint* output queue monitor without having to access the *Reprint Main Menu*. This command can be included in a CL program and/or a job scheduler for automated starting of the *Reprint* output queue monitor. As with the other *Reprint* commands, if you choose to not place this command in the library QGPL, the command can still be accessed by qualifying it with the *Reprint* library name, REPRTLIB (example: **REPRTLIB/STRRPMON**).

The fourth command optionally placed in the library QGPL is the **ENDRPMON** command. This command provides the ability to end the *Reprint* output queue monitor without having to access the *Reprint Main Menu*. This command can be included in a CL program and/or a job scheduler for automated ending of the *Reprint* output queue monitor. As with the other *Reprint* commands, if you choose to not place this command in the library QGPL, the command can still be accessed by qualifying it with the *Reprint* library name, REPRTLIB (example: **REPRTLIB/ENDRPMON**).

Whether you are currently using an older version of *Reprint* or you are installing *Reprint* for the first time, these instructions will step you through loading this release of *Reprint*. To install *Reprint*, sign on at any workstation as any user with both *ALLOBJ and *SECADM special authorities and follow the installation steps below using your tape, diskette, or CD-ROM device name.

1. If an older release of *Reprint* is already installed on your AS/400, be sure that the *Reprint* output queue monitor is inactive, and that no one is currently using *Reprint*.
2. Load the *Reprint* tape, diskette or CD-ROM.
3. At a command entry display, enter the following command:
LODRUN DEV(device name)
...and press **ENTER**.
4. After a few moments, the *Reprint Command Installation Prompt* screen will be displayed. This screen allows you to indicate which *Reprint* commands, if any, should be placed in the QGPL library during installation. Placing *Reprint* commands in QGPL allows the commands to be accessed without having to qualify them with the *Reprint* library name.
5. Upon exiting the *Reprint Command Installation Prompt* screen, you will be prompted for your 17-digit security code.

Note: If you are upgrading from release 1.xx to release 1.xx, you will not be prompted for a new security code. Your existing security code will be used.
6. After keying your 17-digit security code and pressing **ENTER**, the *Reprint Installation/Upgrade Confirmation* screen will be displayed. This screen confirms the completion of the installation/upgrade process and provides status information relating to the 17-digit security code entered.
7. Upon exiting the *Reprint Installation/Upgrade Confirmation* screen, the *Reprint Main Menu* will appear. *Reprint* is now installed and ready for use. The first thing you should do is use option 01 to check the *Reprint* System Defaults. If you were previously using release 1.xx all *Reprint* System Defaults should have been carried forward to the new release. All archives created by your previous release should now be available to the new release.
8. If you were previously using *Reprint* Release 1.xx, you can delete the old release when you are satisfied that the new release of *Reprint* is working properly.

To delete the old release, sign on at any workstation as any user with both *ALLOBJ and *SECADM special authorities and enter the following command:

DLTLIB LIB(REPRTOLD)
...and press **ENTER**.

REMOVING REPRINT FROM YOUR SYSTEM

To uninstall *Reprint*, sign on at any workstation as any user with both *ALLOBJ and *SECADM special authorities and follow the steps below.

1. At a command entry display, enter the following command:

CALL PGM(REPRTLIB/RPUNINSTAL)
...and press **ENTER**.

2. After a few moments, the *Reprint Command Removal Prompt* screen will be displayed. This screen allows you to indicate which *Reprint* commands, if any, should be deleted from the QGPL library during the removal process. The purpose of this screen is to prevent the un-install program from deleting other third party commands from QGPL that happen to have the same name as a *Reprint* command.
3. After confirming the actions to be taken on the *Reprint Command Removal Prompt* screen, enter the following command:

DLTLIB LIB(REPRTLIB)
...and press **ENTER**.

Reprint and all objects associated with it are now completely removed from your system. This uninstall procedure was written to insure that no files or other objects are left on your system after using *Reprint*.

SECURITY

Reprint observes and relies upon OS/400's built in security to prevent un-authorized access to spooled file data. Because of *Reprint*'s reliance upon OS/400 security, several different levels of authority are required to perform various functions within *Reprint*. An overview of each function and the authorities required is provided in the paragraphs below.

Installation and Removal of *Reprint*

To install or remove *Reprint* from your system, you must sign on as a user with both *ALLOBJ and *SECADM special authorities. This is a requirement for several reasons. First, while none of *Reprint*'s programs actually adopt security officer authority, all of *Reprint*'s programs are owned by the user QSECOFR. Signing on as a user with both *ALLOBJ and *SECADM special authorities prevents the changing of ownership (and authorities) for the programs during the restore process.

Second, during the installation process, important system objects are created that allow *Reprint* to function as it should. These objects include a user profile (REPRTUSRPF) and a subsystem description (REPRTLIB/REPRINTSBS). No password is assigned to the user profile (REPRTUSRPF). Therefore, it cannot be improperly used for signing on to your system. Signing on as a user with both *ALLOBJ and *SECADM special authorities for installation ensures that enough authority is available to create these objects.

And finally, during installation, authority is granted for the user profile (REPRUSRPF) to use specific OS/400 print API's. Again, signing on as a user with both *ALLOBJ and *SECADM special authorities for installation ensures that enough authority is available to grant authority to the necessary API's. A list of the eight API's to which the user profile is given authority is shown below.

1. QSYS/QUSRSPLA
2. QSYS/QUSCRTUS
3. QSYS/QSPOPNSP
4. QSYS/QSPGETSP
5. QSYS/QSPCLOSP
6. QSYS/QSPROUTQ
7. QSYS/QSPPUTSP
8. QSYS/QSPCRTSP

Signing on as a user with both *ALLOBJ and *SECADM special authorities for the removal of *Reprint* simply ensures that enough authority is available to delete and/or undo the actions taken during the installation process.

Reprint Users

The **REPRINT** command is the user's interface to *Reprint*. When the command is executed, a list of archives is presented to the user. Only the current user's archived spooled files are shown in the list. No user has access to any other user's archived spooled files via the **REPRINT** command.

By default, *PUBLIC has authority to use the **REPRINT** command. If you change this by way of the **EDTOBJAUT** command, you will need to make sure that each individual *Reprint* user has authority to use the **REPRINT** command. In addition to the **REPRINT** command, users will need authority to use the eight OS/400 print API's listed below.

1. QSYS/QUSRSPLA
2. QSYS/QUSCRTUS
3. QSYS/QSPOPNSP
4. QSYS/QSPGETSP
5. QSYS/QSPCLOSP
6. QSYS/QSPROUTQ
7. QSYS/QSPPUTSP
8. QSYS/QSPCRTSP

Reprint System Administrators

Reprint System Administrators are assigned by the security officer using the **REPRTLIB/CHGAUTRPSA** command. This command provides the ability to add and remove *Reprint* System Administrators. When a *Reprint* System Administrator is added, the user is given authority to all *Reprint* objects necessary to perform system administration functions. When a *Reprint* System Administrator is removed, the user's authority to those objects is revoked.

Reprint System Administrators should be thoughtfully selected with caution. This is because as a system administrator, the user will have full access to all other user's archived spooled files via the *Reprint Main Menu*.

The **STRREPRINT** command is the system administrators interface to *Reprint*. When the command is executed, the *Reprint Main Menu* is displayed. From the main menu, the system administrator has access to all administrative functions. Authority to use the **STRREPRINT** command is granted and/or revoked via the **REPRTLIB/CHGAUTRPSA** command previously described.

Just as normal *Reprint* users, *Reprint* System Administrators must have authority to use the eight OS/400 print API's previously listed. Additionally, *Reprint* System Administrators may need the special authority, “*SPLCTL “, specified in their OS/400 user profile. *SPLCTL authority is required only if both of the following conditions are met:

1. The *Reprint* system default “Reprinted spooled files should be owned by” is set to “The original spooled file owner”.
2. The *Reprint* System Administrator will be reprinting archived spooled files created by other users.

GETTING STARTED USING REPRINT

The following instructions were written to help you get started using *Reprint* as quickly as possible. This section of this manual will guide you through setting up *Reprint*, starting and stopping the *Reprint* output queue monitor, and using *Reprint* to reprint archived spooled files. If you have not yet installed this release of *Reprint*, you should do so before continuing.

Setting up *Reprint*

Reprint setup must be performed by the security officer (QSECOFR) or a *Reprint* System Administrator. The first thing to do while setting up *Reprint* is to customize the *Reprint* System Defaults. The process of customizing *Reprint* System Defaults is outlined below:

1. Get to the *Reprint Main Menu*. This can be accomplished by entering the **STRREPRINT** command at any command entry display and pressing **ENTER**.
2. Select option 01 from the *Reprint Main Menu*. Option 01 allows you to work with the *Reprint* System Defaults.
3. Modify the displayed values to meet your requirements. For a complete definition of each field, see the “Work with REPRINT System Defaults” section of this manual.
4. Once you have made all changes necessary, press **ENTER**. The changes are now recorded and you can press **F3** to exit and return to the *Reprint Main Menu*.

The next thing to do while setting up *Reprint* is to identify which output queues *Reprint* should monitor and which spooled files from those output queues *Reprint* should archive. The process of identifying output queues and spooled files to archive is outlined below:

1. If you are not already at the *Reprint Main Menu*, get to the *Reprint Main Menu*. This can be accomplished by entering the **STRREPRINT** command at any command entry display and pressing **ENTER**.
2. Select option 03 from the *Reprint Main Menu*. Option 03 allows you to work with *Reprint* Output Queues and Spooled File Criteria.
3. Initially, there should be no output queues listed. Press **F6** to add an output queue. This will take you to the *Add Output Queue* screen.
4. Type the name and library of the output queue that you want *Reprint* to monitor. If you do not know the exact name and library of the output queue, you can press **F4** to obtain a selection list.
5. Once the name and library of the output queue to be monitored have been entered (or selected from the selection list) you should verify the spooled file criteria shown on the bottom half of the screen. To limit which spooled files are archived by *Reprint*, you can change any of the criteria from the default of *ALL to a specific value or a generic value. For a complete definition of each field on this screen, see the “Work with REPRINT Output Queues and Spooled File Criteria” section of this manual.

6. Once all output queues to monitor have been entered, press **F12** to return to the *Work with Reprint Output Queues* screen. From this screen, you may select any output queue with an option 1 to add or modify spooled file criteria for that output queue.
7. After all output queues and spooled file criteria have been entered, press **F3** to exit and return to the *Reprint Main Menu*.

This concludes the setting up of *Reprint*. At any point, you can return to option 03 on the *Reprint Main Menu* to add, delete, and/or modify the output queues and spooled file criteria.

Starting and Ending the Reprint Output Queue Monitor

Reprint is not active until the *Reprint* output queue monitor has been started. The *Reprint* output queue monitor is simply a job (REPRINTMON) that runs in the *Reprint* subsystem (REPRINTSBS). The purpose of this job is to monitor the special *Reprint* data queue for the arrival of spooled file entries. When an entry arrives in the data queue, *Reprint* tests the spooled file's attributes against the spooled file criteria entered during the set up process. If there is a match, *Reprint* will archive the spooled file and retrieve the next data queue entry. Otherwise, the spooled file is ignored and the next data queue entry is retrieved for processing.

There are two ways to control (start and end) the *Reprint* output queue monitor. The first way is to use the menu interface (*Reprint Main Menu* option 05). This method is only available to *Reprint* System Administrators.

The second way is to use the command interface (the **STRRPMON** and **ENDRPMON** commands). This method is available to anyone with authority to these two commands. By default, *PUBLIC has authority to use the commands. These commands can be included in a CL program and/or job scheduler for automated starting and ending of the *Reprint* output queue monitor.

The process of using the *Reprint Main Menu* option 05 to start and end the *Reprint* output queue monitor is outlined below:

1. If you are not already at the *Reprint Main Menu*, get to the *Reprint Main Menu*. This can be accomplished by entering the **STRREPRINT** command at any command entry display and pressing **ENTER**.
2. Select option 05 from the *Reprint Main Menu*. Option 05 allows you to work with the *Reprint* System Status.
3. While on the *Work with System Status* screen, press **F6** to change the status from active to inactive or from inactive to active.
4. Once the change in status is shown, press **F3** to exit and return to the *Reprint Main Menu*.

The process of using the **STRRPMON** and **ENDRPMON** commands to start and end the *Reprint* output queue monitor is as simple as typing the commands and pressing **ENTER**. There are no parameters for either of these commands and, once again, the commands can be used in a CL program and/or job scheduler.

Reprinting a Spooled File Using Reprint

Normal *Reprint* users can reprint their archived spooled files by using the **REPRINT** command. When the command is executed, a list of archives is presented to the user. Only archived spooled files for the user executing the command are shown in the list. The process of reprinting archived spooled files using the **REPRINT** command is outlined below:

1. Type the **REPRINT** command at any command entry display.
2. Select each archive that you wish to reprint with an option 1 and press **ENTER**. This will cause the *Reprint Spooled File* screen to be displayed for each archive selected.
3. On the *Reprint Spooled File* screen, specify the output queue and library, number of copies, and whether or not the reprinted spooled file should be held in the output queue and press **ENTER**.
4. After all selected archives have been reprinted, press **F3** to exit and return to the command entry display.

Reprint System Administrators can reprint archived spooled files for any user by using the *Reprint Main Menu*. The main menu provides options allowing the system administrator to reprint archived spooled files from the *Reprint* Deletion History as well as the *Reprint* Directory of Archives. The process of reprinting archived spooled files using the *Reprint Main Menu* is outlined below:

1. Get to the *Reprint Main Menu*. This can be accomplished by entering the **STRREPRINT** command at any command entry display and pressing **ENTER**.
2. Select option 07 to reprint an archive from the *Reprint* Directory of Archives or select option 08 to reprint an archive from the *Reprint* Deletion History.
3. Regardless of which option you took in step 2 (option 07 or option 08) you will be presented with a list of archives. To reprint an archived spooled file, simply select each archive that you wish to reprint with an option 1 and press **ENTER**. This will cause the *Reprint Spooled File* screen to be displayed for each archive selected.
4. On the *Reprint Spooled File* screen, specify the output queue and library, number of copies, and whether or not the reprinted spooled file should be held in the output queue and press **ENTER**.
5. After all selected archives have been reprinted, press **F3** to exit and return to the *Reprint Main Menu*.

The REPRINT Command

Each user is able to reprint his own archived spooled files by using the **REPRINT** command. The **REPRINT** command has no parameters and can be executed by the user from any command line. If a user does not have command line access, the **REPRINT** command can be executed for the user as the result of a menu option being selected or a CL program being run.

When the **REPRINT** command is executed, the Select Spooled Files To Reprint screen displayed. The Select Spooled Files To Reprint screen presents a list consisting of ONLY the current user's spooled file archives. Spooled file archives are listed from newest to oldest. Spooled files that have already been reprinted at least once, will be shown in white text. Spooled files that have not been reprinted, will be shown in green text. Spooled file archives can be selected from the list for reprinting, viewing, reviewing of reprint activity, and deletion from the Directory of Archives.

```

RPR100                Your Company Name Here                10/07/02
RPR100D                R E P R I N T                        16:04:43
                        Select Spooled File(s) To Reprint

Type options, press Enter.
  1=Select for reprint   4=Delete from directory   5=Display spooled file
  8=Display reprint history

  Opt  File           User           Output           User Data        Sts    Total
      File           User           Queue            Data             Sts    Pages   Copy
  --  - - - - -      - - - - -      - - - - -      - - - - -      - - - - -      - - - -
  -   QSYSPRT        QSECOFR        PRT01            RPRPT01CL        RDY     1       1
  -   QSYSPRT        QSECOFR        QSYSPRT          RPRPT01CL        RDY     1       1
  -   QSYSPRT        QSECOFR        QSYSPRT          RPRPT01CL        WTR     1       1

                                                                Bottom

F1=Help  F3=Exit  F5=Refresh  F10=View 4  F11=View 2  F12=Cancel
F17=Subset
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```

Field Definitions

Option - This field allows you to select one or more spooled files that have been archived by *Reprint* for processing. Valid values are "1" to select the archived spooled file for reprint, "4" to delete the archived spooled file from the Directory of Archives, "5" to display the archived spooled file, and "8" to display the reprint history for the archived spooled file.

File - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

User - This field displays the name of the user who owns the spooled file. On this screen, this will always be the same as the current user's name.

Output queue - This field displays the name of the output queue that contained the spooled file at the time it was archived by *Reprint*.

User data - This field displays the 10 characters of user-specified data assigned to the spooled file.

Status - This field displays the status of the spooled file at the time it was archived by *Reprint*.

Total pages - This field displays the total number of pages in the spooled file.

Copy - This field displays the number of copies remaining to print for the spooled file at the time that it was archived by *Reprint*.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the screen from which the **REPRINT** command was executed.

Pressing **F5** while on this screen will cause the list to be refreshed. Any newly created spooled file archives will be added to the list.

Pressing **F10** while on this screen will switch the list to view 4. There are a total of 4 views for the list. Each view displays additional information for each spooled file archive.

Pressing **F11** while on this screen will switch the list to view 2.

Pressing **F12** while on this screen will return you to the previous screen.

Pressing **F17** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to specify criteria to be used for creating a subset of the list of spooled file archives available for reprint.

For each spooled file archive selected from the Select Spooled Files To Reprint screen with selection option 1, the Reprint Spooled File screen will be displayed. An example of the Reprint Spooled File screen is shown below. This screen allows you to reprint the selected spooled file.

When reprinting a spooled file, you are allowed to specify the output queue in which the reprinted spooled file should be placed, the number of copies that the reprinted spooled file should print, and whether or not the reprinted spooled file should be held before printing.

```
RPR100          Your Company Name Here          10/07/02
RPR100D          R E P R I N T                  16:33:07
                Reprint Spooled File

Press ENTER to reprint the following spooled file.

Spooled File Name: QSYSPRT      Number:      1

Originally created by:  Job Name .....: ALO270B
                       User Name .....: QSECOFR
                       Job Number ...: 020554

Place reprinted spooled file in output queue: PRT01_____ Library: QUSRSYS_____

Copies to print of reprinted spooled file...:  1 (001-255)

Set reprinted spooled file status to hold...:  *NO  (*NO, *YES)

Use these values for any remaining reprint selections? *NO  (*NO, *YES)

F1=Help  F3=Exit  F12=Cancel
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Originally created by Job name - This field displays the name of the job that created the spooled file.

Originally created by User name - This field displays the name of the user who owns the spooled file.

Originally created by Job number - This field displays the number of the job that created the spooled file.

Place reprinted spooled file in output queue - These fields allow you to indicate where (which output queue and library) the reprinted spooled file should be placed. Valid values are any output queue name and library combination that currently exists on your system.

Copies to print of reprinted spooled file - This field allows you to indicate the number of copies that should be produced by the reprinted spooled file. This field defaults to the number of copies assigned to the original spooled file. Valid values are any number of copies between 001 and 255.

Set reprinted spooled file status to hold - This field allows you to indicate whether or not *Reprint* should set the reprinted spooled file's status to "HELD". Valid values are *NO, the spooled file is not held, and *YES, the spooled file is held in the output queue.

Use these values for any remaining reprint selections - This field allows you to have *Reprint* use the reprint criteria (Output Queue name, number of copies, and set status to hold) specified for all spooled files selected for reprint from the list on the previous screen. Valid values are *YES and *NO. If *YES is specified, the values specified will be used when processing the remaining list selections. If *NO is specified, you will be prompted for the reprint criteria (Output Queue name, number of copies, and set status to hold) again when the next list selection is processed.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the *Reprint Main Menu*.

Pressing ***F12*** while on this screen will return you to the previous screen.

For each spooled file archive selected from the Select Spooled Files To Reprint screen with selection option 8, the Display Reprint History screen will be displayed. An example of the Display Reprint History screen is shown below. This screen lists all available reprint activity for the selected spooled file.

From the list, one or more entries can be selected to view additional information. The additional information provided includes identifying attributes and current location, if available, for the reprinted spooled file.

```

RPR110          Your Company Name Here          10/04/02
RPR110D          R E P R I N T                  16:43:12
                Display Reprint History

Spooled File Name: QSYSPRT          Number:          2
Created by Job name: DSP01          User name: QSECOFR          Job number: 152579
Created on: 9/19/02 At: 11:22:08
Form type: *STD          User data: RPRPT01CL          Number of pages: 1

Type options, press Enter.
  1=View identifying attributes of reprinted spooled file

Opt  Job          User          Number  Date          Time          Status
--  --          --          --      --          --          --
-   DSP01        QSECOFR        152629  9/19/02      14:33:19     Reprinted
-   ALO270B      QSECOFR        019799  9/26/02      16:39:47     Reprinted

F1=Help  F3=Exit  F5=Refresh  F12=Cancel

Bottom
  
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Created by Job name - This field displays the name of the job that created the spooled file.

Created by User name - This field displays the name of the user who owns the spooled file.

Created by Job number - This field displays the number of the job that created the spooled file.

Created on - This field displays the date that the original spooled file was created.

Created at - This field displays the time that the original spooled file was created.

Form type - This field displays the type of forms that should be loaded on the printer when the spooled file is printed.

User data - This field displays the 10 characters of user-specified data which describes the spooled file.

Number of pages - This field displays the total number of pages in the spooled file.

Option - This field allows you to select one or more reprint entries for viewing additional information. Valid values are "1" to select the list entry for viewing additional information. The additional information provided includes identifying attributes and current location, if available, for the reprinted spooled file.

Job - This field displays the name of the job that reprinted the spooled file.

User - This field displays the name of the user that reprinted the spooled file.

Number - This field displays the number of the job that reprinted the spooled file.

Date - This field displays the date that the spooled file was reprinted.

Time - This field displays the time that the spooled file was reprinted.

Status - This field displays the completion status of the reprint attempt. The status will be either "Reprinted" or "Reprint Failed". If the status is "Reprint Failed", the job log of the reprinting job should be reviewed to determine why the reprint attempt was unsuccessful.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F5** while on this screen will cause the list to be refreshed. Any new reprints of the archived spooled file will be added to the list.

Pressing **F12** while on this screen will return you to the previous screen.

For each reprint entry selected from the Display Reprint History screen with selection option 1, the Identifying Attributes Of Reprinted Spooled File screen will be displayed. An example of the Identifying Attributes Of Reprinted Spooled File screen is shown below. This screen provides all available information regarding the reprinted spooled file.

```
RPR110          Your Company Name Here          10/04/02
RPR110D          R E P R I N T                  17:09:18
                Identifying Attributes Of Reprinted Spooled File

Spooled File Name: QSYSPRT          Number:          2
Created by Job name: DSP01          User name: QSECOFR          Job number: 152579
Created on: 9/19/02 At: 11:22:08
Form type: *STD          User data: RPRPT01CL          Number of pages: 1

Reprinted by Job name: DSP01          User name: QSECOFR          Job number: 152629
Reprinted on: 9/19/02 At: 14:33:19

Identifying attributes: Spooled file name ....: QSYSPRT
                        Spooled file number ..: 000003
                        Job name .....: DSP01
                        User name .....: QSECOFR
                        Job number .....: 152629

Current location .....: No longer on this system

F1=Help  F3=Exit  F12=Cancel
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Created by Job name - This field displays the name of the job that created the spooled file.

Created by User name - This field displays the name of the user who owns the spooled file.

Created by Job number - This field displays the number of the job that created the spooled file.

Created on - This field displays the date that the original spooled file was created.

Created at - This field displays the time that the original spooled file was created.

Form type - This field displays the type of forms that should be loaded on the printer when the spooled file is printed.

User data - This field displays the 10 characters of user-specified data which describes the spooled file.

Number of pages - This field displays the total number of pages in the spooled file.

Reprinted by Job name - This field displays the name of the job that reprinted the spooled file.

Reprinted by User name - This field displays the name of the user that reprinted the spooled file.

Reprinted by Job number - This field displays the number of the job that reprinted the spooled file.

Reprinted on - This field displays the date that the spooled file was reprinted.

Reprinted at - This field displays the time that the spooled file was reprinted.

Identifying attributes Spooled file name - This field displays the name of the reprinted spooled file. The reprinted spooled file name will always be the same as the original spooled file name.

Identifying attributes Spooled file number - This field displays the number of the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file number is unknown and will be displayed as "?????". If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, this field will always display the correct spooled file number.

Identifying attributes Job name - This field displays the name of the job that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file job name will be the same as the *Reprinted by job name*. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file job name will be the same as the *Reprinted by job name*. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file job name will be "QPRTJOB".

Identifying attributes User name - This field displays the name of the user that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file user name will be the same as the "Reprinted by user name". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file user name will be the same as the "Reprinted by user name". If the original spooled file owner and the *Reprinted by user* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file user name will be the same as the original spooled file user name.

Identifying attributes Job number - This field displays the number of the job that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file job number will be the same as the "Reprinted by job number". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file job number will be the same as the "Reprinted by job number". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file job number is unknown and will be displayed as "?????". If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, this field will always display the correct job number.

Current location - This field displays the current location of the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", *Reprint* will be unable to determine the location of the reprinted spooled file because the reprinting job number and spooled file number are unknown. If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, the current location of the reprinted spooled file will always be known and displayed.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F12** while on this screen will return you to the previous screen.

The REPRINT Main Menu

The *Reprint Main Menu* may be displayed by any *Reprint* System Administrator at any workstation by entering the following command at any command entry display:

STRREPRINT

...and pressing **ENTER**.

Below is an example of what the *Reprint Main Menu* will look like. In the pages to follow, each option is explained in detail.

```
RPMENU                                REPRINT Main Menu                                Release 1.22

Select one of the following:

    1. Work with REPRINT System Defaults
    3. Work with REPRINT Output Queues & Spooled File Criteria
    5. Work with REPRINT System Status
    7. Work with REPRINT Directory of Archives
    8. Work with REPRINT Deletion History
    9. Work with REPRINT Reprint History
   10. Purge REPRINT History Files

   70. Go to REPRINT Reports Menu
   90. Sign Off

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Selection or command
====> _____

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel
F13=Information Assistant   F16=AS/400 main menu
```

The *Reprint Main Menu* provides access to *Reprint's* system administration functions. *Reprint's* system administration functions include:

- Assigning *Reprint* System Defaults
- Defining which output queues should be monitored by *Reprint* and which spooled files should be archived from those output queues
- Starting and stopping the *Reprint* Output Queue Monitor
- Working with *Reprint* History and Archive files
- Accessing the *Reprint Reports Menu*

The *Reprint Main Menu* and its options are only available to the Security Officer (QSECOFR) and *Reprint* System Administrators.

Work with REPRINT System Defaults

To change the *Reprint* system defaults, select option 01 from the *Reprint Main Menu*. After selecting option 01, a screen similar to the one below will be displayed. This screen allows you to display and change the current default values. You may change the values as often as necessary. When all changes are made, press **ENTER** to update the *Reprint* system defaults. If you exit this screen prior to pressing **ENTER**, the *Reprint* system defaults will not be changed.

```
RPR010                               Your Company Name Here                11/25/03
RPR010D                               R E P R I N T                            15:42:36
                                     Work with System Defaults

Automatically purge REPRINT history and archives: *YES (*YES, *NO)
  Days to retain REPRINT archives .....: 7 (1-999, 999=Perm)
  Days to retain REPRINT deletion history ...: 4 (1-999, 999=Perm)
  Days to retain REPRINT reprint history ....: 30 (1-999, 999=Perm)

Archive "Ready" spooled files at start-up .....: *YES (*YES, *NO)
Archive "Non-Ready" spooled files .....: *YES (*YES, *NO)
  Minutes between checking Output Queues.....: 60 (5-999, 999=Start-up)

Initial view for spooled file lists .....: 1 (1, 2, 3, 4)
Reprinted spooled files should be owned by: X The original spooled file owner
                                             _ The reprinting user

Printer file name....: QSYSPRT          Library: *LIBL
Output queue name....: PRT01           Library: *LIBL

Company name.....: _____ Your Company Name Here _____

F1=Help  F3=Exit  F12=Cancel  F23=Restore defaults                Release: 1.22
(C) Copyright WorksRight Software, Inc. 2003.
```

Field Definitions

Automatically purge REPRINT history and archives - This system default allows you to indicate whether or not *Reprint* should automatically purge its history and archives. Valid values are *YES to use the Auto-purge feature and *NO to prevent automatic purging from occurring.

If *YES is specified, the automatic purging will take place every time that the *Reprint* Output Queue Monitor recognizes a system date change. If *NO is specified, you should manually purge *Reprint's* history and archives on some regular basis to keep disk space usage to a minimum.

Days to retain REPRINT archives - This system default allows you to assign a default number of days to retain spooled file archives in the *Reprint* Directory of Archives. This value is used as the default only and may be overridden when defining spooled file criteria to *Reprint*. This field is only used if the *Reprint* System Default, *Automatically purge REPRINT history and archives*, is set to “*YES”. Valid values are any number of days from 001 through 999. If 999 is specified, the archives are considered permanent and will never be deleted by the Auto-purge feature.

Days to retain REPRINT deletion history - This system default allows you to indicate the number of days to retain deleted spooled file archives in the *Reprint* Deletion History file. This field is only used if the *Reprint* System Default, *Automatically purge REPRINT history and archives*, is set to “*YES”. Valid values are any number of days from 001 through 999. If 999 is specified, the deleted spooled file archives are considered permanent and will never be removed by the Auto-purge feature.

Days to retain REPRINT reprint history - This system default allows you to indicate the number of days to retain reprint history records in the *Reprint* History file. This field is only used if the *Reprint* System Default, *Automatically purge REPRINT history and archives*, is set to “*YES”. Valid values are any number of days from 001 through 999. If 999 is specified, the reprint history records are considered permanent and will never be deleted by the Auto-purge feature.

Archive “Ready” spooled files at start-up - This system default allows you to indicate whether or not *Reprint* should archive “Ready” spooled files from all monitored output queues at start-up. “Ready” spooled files are complete spooled files with a status of ready (RDY). These are spooled files that would have been archived had the *Reprint* Output Queue monitor been active when they arrived in the output queue. Valid values are *YES and *NO. If *YES is specified for this system default, *Reprint* will check all monitored output queues for “Ready” spooled files to be archived each time the *Reprint* Output Queue monitor is started. If *NO is specified for this system default, *Reprint* will not check monitored output queues for “Ready” spooled files to be archived each time the *Reprint* Output Queue monitor is started.

Archive “Non-Ready” spooled files - This system default allows you to indicate whether or not *Reprint* should archive “Non-Ready” spooled files from monitored output queues. “Non-Ready” spooled files are complete spooled files with a status of held (HLD) or saved (SAV). Valid values are *YES and *NO. If *YES is specified for this system default, then a time interval (in minutes) indicating how often *Reprint* should check output queues for “Non-Ready” spooled files should be specified. Output queues can be omitted from processing by specifying *NO on the *Archive “Non-Ready” spooled files* field in the *Reprint* Output Queue definition. If *NO is specified for this system default, “Non-Ready” spooled files will not be archived from any output queue regardless of the value specified on the *Archive “Non-Ready” spooled files* field in the *Reprint* Output Queue definition.

Minutes between checking Output Queues - This system default allows you to specify how frequently *Reprint* should attempt to process monitored output queues, checking for “Non-Ready” spooled files that should be archived. “Non-Ready” spooled files are complete spooled files with a status of held (HLD) or saved (SAV). Valid values are any number of minutes between 005 and 999. If 999 is specified, *Reprint* will only check monitored output queues for “Non-Ready” spooled files when the *Reprint* Output Queue monitor is started.

Initial view for spooled file lists - This system default allows you to specify the initial or default view for all spooled file lists within *Reprint*. Valid values are 1, 2, 3, and 4. Regardless of which view is specified, all other views can be accessed via the F10 and F11 function keys. Spooled file lists are displayed when working with the *Reprint* Directory, working with the *Reprint* Deletion History, and when using the **REPRINT** command.

Reprinted spooled files should be owned by - This system default allows you to indicate who should own reprinted spooled files. Valid values are *the original spooled file owner*, and *the reprinting user*.

If *the original spooled file owner* is selected, then the *Reprint* System Administrators should have the special authority, *SPLCTL specified in their user profile. This authority is required for users to generate a spooled file and give ownership of the spooled file to another user.

Printer file name - This system default allows you to identify the printer file that should be used when creating *Reprint* system reports. The value specified here only applies to the *Reprint* system reports and does not apply to reprinted spooled files. Valid values are any valid printer file name and library combination. The printer file must currently exist in the library specified.

Output queue name - This system default allows you to identify the output queue in which all *Reprint* system reports should be placed. The value specified here only applies to the *Reprint* system reports and does not apply to reprinted spooled files. Valid values are any valid output queue name and library combination. The output queue must currently exist in the library specified.

Company name - This system default allows you to customize *Reprint* by having your company name appear at the top of all screens and reports. Valid values are any non-blank value.

Release - This field indicates the release of *Reprint* that you are currently using. This information should be provided when requesting support.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F12** while on this screen will return you to the previous screen.

Pressing **F23** while on this screen will cause the *Reprint* System Defaults to be set to their original (shipped) value.

Work with REPRINT Output Queues & Spooled File Criteria

To work with *Reprint* output queues and spooled file criteria, select option 03 from the *Reprint Main Menu*. After selecting option 03, the Work with Reprint Output Queues screen will be displayed. This screen lists all output queues currently defined to *Reprint* and allows you to select one or more output queues from the list. Output queues can be selected for working with spooled file criteria, temporarily stopping and starting the monitoring process, and deletion from the list. This screen also allows you to define new output queues to *Reprint* by pressing the **F6** function key.

Using selection option 2 on this screen to stop monitoring of a specific output queue only temporarily stops *Reprint* from monitoring the output queue for spooled files to archive. Monitoring of the output queue will resume when the output queue is selected from the list again using selection option 2 or when the *Reprint* Output Queue Monitor is re-started, whichever occurs first.

```

RPR140                               Your Company Name Here                10/03/02
RPR140D                               R E P R I N T                            18:27:05
                                     Work with Reprint Output Queues

Current Reprint System Status: Active
Archiving "Non-Ready" Splfs: *YES Every 060 minutes.

Type options, press Enter.
  1=Select to work with spooled file criteria  2=Change output queue
  4=Delete from Reprint  8=Start/Stop monitoring

----- Output Queue -----
Opt Name      Library      Current Status
--  -
-   PRT01      QUSRSYS      Monitoring enabled
-   PRT02      QUSRSYS      Monitoring enabled
-   QPRINT     QGPL         Monitoring enabled
-   QPRINTS    QGPL         Monitoring enabled
-   QPRINT2    QGPL         Monitoring enabled

                                                                 Bottom

F1=Help  F3=Exit  F6=Add output queue  F12=Cancel

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```

Field Definitions

Current Reprint System Status - This field indicates the current status of the *Reprint* Output Queue Monitor. The *Reprint* Output Queue Monitor monitors output queues for the arrival of spooled files that should be archived. Possible values are active and inactive.

The *Reprint* Output Queue Monitor can be started and stopped using option 05 on the *Reprint Main Menu*. The *Reprint* Output Queue Monitor can also be started using the **STRRPMON** command and stopped using the **ENDRPMON** command.

Archiving “Non-Ready” Splfs - This field indicates whether or not *Reprint* is currently processing monitored output queues checking for “Non-Ready” spooled files that should be archived. “Non-Ready” spooled files are complete spooled files with a status of held (HLD) or saved (SAV). If *Reprint* is monitoring output queues for “Non-Ready” spooled files, the frequency at which the output queues are being checked will also be displayed.

Option - This field allows you to select one or more output queues being monitored by *Reprint* for processing. Valid values are “1” to work with spooled file criteria specified for the output queue, “2” to change the output queue definition, “4” to delete the output queue from *Reprint*’s list of output queues to monitor, and “8” to start or temporarily stop *Reprint*’s monitoring of the output queue.

Output Queue Name & Library - These fields display the name and library of an output queue that has been defined to *Reprint* for monitoring purposes. If *Reprint* is actively monitoring the output queue, any spooled files in the output queue that reach a ready (RDY) status and meet the spooled file criteria specified for the output queue will be archived.

Current Status - This field indicates whether monitoring of this output queue is enabled or has been temporarily disabled. Monitoring of a specific output queue can be disabled by selecting the output queue from the list with selection option 2.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F6** while on this screen will cause the Add Output Queue screen to be displayed allowing you to define a new output queue to *Reprint*.

Pressing **F12** while on this screen will return you to the previous screen.

For each output queue selected from the Work with Reprint Output Queues screen with selection option 1, the Work with Spooled File Criteria screen will be displayed. This screen lists all spooled file criteria currently defined to Reprint for the output queue selected and allows you to select one or more sets of spooled file criteria from the list. Spooled file criteria can be selected for modification and deletion from the list. This screen also allows you to define new spooled file criteria for the output queue by pressing the **F6** function key.

When multiple sets of spooled file criteria are defined for a single output queue, the spooled file criteria sequence number is used to determine the order in which the different sets of spooled file criteria are checked against spooled files to be archived. Therefore, for enhanced performance, you should always try to define your most commonly used spooled file criteria with the lowest sequence number.

```

RPR140                               Your Company Name Here                10/04/02
RPR140D                               R E P R I N T                          09:35:18
                                     Work with Spooled File Criteria

Output Queue Name: PRT01              Library: QUSRSYS

Type options, press Enter.
  1=Select   4=Delete

  Opt  Seq#  Job Name   User Name   Spof Name   User Data   Form Type
  -      10    *ALL        QSYSOPR      *ALL          *ALL          Invoices
  -      20    *ALL        QSECOFR      *ALL          *ALL          Checks
  -      30    *ALL        QPGMR        QEZDEBUG     *ALL          *ALL

                                     Bottom
F1=Help   F3=Exit   F6=Add spooled file criteria   F11=View 2   F12=Cancel
  
```

Field Definitions

Output Queue Name & Library - These fields display the name and library of the output queue that was selected from the Work with Reprint Output Queues screen. The spooled file criteria listed pertains to this output queue only.

Option - This field allows you to select one or more sets of spooled file criteria for processing. Valid values are “1” to view and/or change the spooled file criteria, and “4” to delete the spooled file criteria.

Sequence number - This field is assigned by *Reprint* at the time that the spooled file criteria is entered. Sequence numbers are assigned in ascending order and in multiples of ten (i.e. 10, 20, 30, etc.). When *Reprint* is checking a spooled file against multiple sets of spooled file criteria defined for a single output queue, this field determines the order in which the different sets of spooled file criteria are checked.

Job name - This field is used to help determine which spooled files will be archived. Only spooled files created by a job whose name matches this field, and meets all other criteria specified at this sequence number, will be archived by *Reprint*.

User name - This field is used to help determine which spooled files will be archived. Only spooled files created by a user whose name matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*.

Spooled file name - This field is used to help determine which spooled files will be archived. Only spooled files with a name that matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*.

User data - This field is used to help determine which spooled files will be archived. Only spooled files with a user-specified data value that matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*.

Form type - This field is used to help determine which spooled files will be archived. Only spooled files with a form type matching this field, and meeting all other criteria specified at this sequence number, will be archived by *Reprint*.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F6** while on this screen will cause the Add Spooled File Criteria screen to be displayed allowing you to define a new set of spooled file criteria for this output queue.

Pressing **F11** while on this screen will switch the list to View 2. View 2 of this list displays additional criteria as well as usage information for each set of spooled file criteria.

Pressing **F12** while on this screen will return you to the previous screen.

For each set of spooled file criteria selected from the Work with Spooled File Criteria screen with selection option 1, the Change Spooled File Criteria screen will be displayed. This screen allows you to modify the selected set of spooled file criteria. This screen also displays valuable usage information for the selected spooled file criteria.

```

RPR140          Your Company Name Here          10/04/02
RPR140D          R E P R I N T                  10:12:28
                Change Spooled File Criteria

Output Queue Name: PRT01          Library: QUSRSYS

Sequence number....:    20

Job name.....: *ALL
User name.....: QSECOFR
Spooled file name..: *ALL
User specified data: *ALL
Form type.....: Checks
Printer file name..: *ALL          Library: *ALL

Days to retain archived spooled files:  7 (001-999, 999=Perm)

Last used date.....: 10/04/02    Time: 10:12:14

Usage count.....:          1

F1=Help    F3=Exit    F12=Cancel

```

Field Definitions

Output Queue Name & Library - These fields display the name and library of the output queue that was selected from the Work with Reprint Output Queues screen.

Sequence number - This field is assigned by *Reprint* at the time that the spooled file criteria is entered. Sequence numbers are assigned in ascending order and in multiples of ten (i.e. 10, 20, 30, etc.). When *Reprint* is checking a spooled file against multiple sets of spooled file criteria defined for a single output queue, this field determines the order in which the different sets of spooled file criteria are checked.

Job name - This field is used to help determine which spooled files will be archived. Only spooled files created by a job whose name matches this field, and meets all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific job name, a generic job name, and the special value, *ALL. A generic job name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the job name, *Reprint* assumes that a complete job name has been specified.

User name - This field is used to help determine which spooled files will be archived. Only spooled files created by a user whose name matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific user name, a generic user name, and the special value, *ALL. A generic user name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the user name, *Reprint* assumes that a complete user name has been specified.

Spooled file name - This field is used to help determine which spooled files will be archived. Only spooled files with a name that matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific spooled file name, a generic spooled file name, and the special value, *ALL. A generic spooled file name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the spooled file name, *Reprint* assumes that a complete spooled file name has been specified.

User data - This field is used to help determine which spooled files will be archived. Only spooled files with a user-specified data value that matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific user-specified data, a generic user-specified data, and the special value, *ALL. A generic user-specified data is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the user-specified data, *Reprint* assumes that a complete user-specified data has been entered.

Form type - This field is used to help determine which spooled files will be archived. Only spooled files with a form type matching this field, and meeting all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific form type, a generic form type, and the special value, *ALL. A generic form type is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the form type, *Reprint* assumes that a complete form type has been specified.

Printer file name - This field is used to help determine which spooled files will be archived. Only spooled files created using a printer file whose name matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific printer file name, a generic printer file name, and the special value, *ALL. A generic printer file name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the printer file name, *Reprint* assumes that a complete printer file name has been specified.

Days to retain archived spooled files - This field is used in conjunction with the Auto-purge feature to determine the number of days that spooled files meeting the criteria specified at this sequence number should be retained in the *Reprint* Directory of Archives. If the *Reprint* System Default, *Automatically purge REPRINT history and archives*, is set to *YES, spooled files archived because they met the criteria specified at this sequence number will be deleted from the *Reprint* Directory of Archives after the number of days specified here. Valid values are any number of days from 001 through 999. If 999 is specified, the archive is considered permanent and will never be deleted by the Auto-purge feature.

Last used date and time - These fields display the date and time that *Reprint* last attempted to archive a spooled file meeting the criteria specified at this sequence number.

Usage count - This field displays the number of times that *Reprint* has attempted to archive a spooled file meeting the criteria specified at this sequence number.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the *Reprint Main Menu*.

Pressing ***F12*** while on this screen will return you to the previous screen.

If the **F6** function key is pressed while on the Work with Spooled File Criteria screen, the Add Spooled File Criteria screen will be displayed. An example of the Add Spooled File Criteria screen is shown below. This screen allows you to define a new set of spooled file criteria for the output queue selected. Reprint does not allow exact duplicate sets of spooled file criteria to be defined.

```
RPR140          Your Company Name Here          10/04/02
RPR140D          R E P R I N T                  10:55:59
                Add Spooled File Criteria

Output Queue Name: PRT01          Library: QUSRSYS

Sequence number....:    40

Job name.....: *ALL
User name.....: *ALL
Spooled file name..: *ALL
User specified data: *ALL
Form type.....: *ALL
Printer file name..: *ALL          Library: *ALL

Days to retain archived spooled files:  7 (001-999, 999=Perm)

F1=Help   F3=Exit   F12=Cancel
```

Field Definitions

Output Queue Name & Library - These fields display the name and library of the output queue that was selected from the Work with Reprint Output Queues screen.

Sequence number - This field is assigned by *Reprint* at the time that the spooled file criteria is entered. Sequence numbers are assigned in ascending order and in multiples of ten (i.e. 10, 20, 30, etc.). When *Reprint* is checking a spooled file against multiple sets of spooled file criteria defined for a single output queue, this field determines the order in which the different sets of spooled file criteria are checked.

Job name - This field is used to help determine which spooled files will be archived. Only spooled files created by a job whose name matches this field, and meets all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific job name, a generic job name, and the special value, *ALL. A generic job name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the job name, *Reprint* assumes that a complete job name has been specified.

User name - This field is used to help determine which spooled files will be archived. Only spooled files created by a user whose name matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific user name, a generic user name, and the special value, *ALL. A generic user name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the user name, *Reprint* assumes that a complete user name has been specified.

Spooled file name - This field is used to help determine which spooled files will be archived. Only spooled files with a name that matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific spooled file name, a generic spooled file name, and the special value, *ALL. A generic spooled file name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the spooled file name, *Reprint* assumes that a complete spooled file name has been specified.

User data - This field is used to help determine which spooled files will be archived. Only spooled files with a user-specified data value that matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific user-specified data, a generic user-specified data, and the special value, *ALL. A generic user-specified data is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the user-specified data, *Reprint* assumes that a complete user-specified data has been entered.

Form type - This field is used to help determine which spooled files will be archived. Only spooled files with a form type matching this field, and meeting all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific form type, a generic form type, and the special value, *ALL. A generic form type is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the form type, *Reprint* assumes that a complete form type has been specified.

Printer file name - This field is used to help determine which spooled files will be archived. Only spooled files created using a printer file whose name matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific printer file name, a generic printer file name, and the special value, *ALL. A generic printer file name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the printer file name, *Reprint* assumes that a complete printer file name has been specified.

Days to retain archived spooled files - This field is used in conjunction with the Auto-purge feature to determine the number of days that spooled files meeting the criteria specified at this sequence number should be retained in the *Reprint* Directory of Archives. If the *Reprint* System Default, *Automatically purge REPRINT history and archives*, is set to *YES, spooled files archived because they met the criteria specified at this sequence number will be deleted from the *Reprint* Directory of Archives after the number of days specified here. Valid values are any number of days from 001 through 999. If 999 is specified, the archive is considered permanent and will never be deleted by the Auto-purge feature.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F12** while on this screen will return you to the previous screen.

For each output queue selected from the Work with Reprint Output Queues screen with selection option 2, the Change Output Queue screen will be displayed. This screen allows you to change the *Reprint* attributes for the selected output queue. Attributes that can be changed control whether or not *Reprint* will archive "Non-Ready" spooled files from the output queue. You can also change the interval (in minutes) at which *Reprint* will process the output queue's "Non-Ready" spooled files.

```
RPR140          Your Company Name Here          11/25/03
RPR140D        R E P R I N T                    16:59:16
               Change Output Queue

Output Queue Name: PRT07          Library: QUSRSYS

Archive "Non-Ready" spooled files: *YES (*YES, *NO)

Minutes between checking
for "Non-Ready" spooled files....: 060 ( 060 - 999, 999=Start-up Only)

Last check for "Non-Ready"
spooled files occurred on.....: 11/20/03 at  8:36:42
                               MM/DD/YY

F1=Help   F3=Exit   F12=Cancel
```

Field Definitions

Output Queue Name & Library - These fields display the name and library of the output queue that was selected from the Work with Reprint Output Queues screen.

Archive "Non-Ready" spooled files - This field allows you to specify whether or not *Reprint* should archive "Non-Ready" spooled files from the selected output queue. "Non-Ready" spooled files are complete spooled files with a status of held (HLD) or save (SAV). Valid values are *YES and *NO. If *YES is specified for this field, then a time interval (in minutes) indicating how often *Reprint* should check the output queue for "Non-Ready" spooled files must be specified.

Minutes between checking for "Non-Ready" spooled files - This field allows you to specify how frequently *Reprint* will check the selected output queue for "Non-Ready" spooled files that should be archived. "Non-Ready" spooled files are complete spooled files with a status of held (HLD) or save (SAV). After checking the output queue for "Non-Ready" spooled files, *Reprint* will wait the number of minutes specified here before checking the output queue again. Valid values are any number of minutes between the interval specified in the *Reprint* System Defaults and 999. If 999 is specified, the output queue is checked for "Non-Ready" spooled files to be archived at start-up only.

Last check for “Non-Ready” spooled files occurred on - These fields display the date and time that the selected output queue was last checked for “Non-Ready” spooled files to be archived. “Non-Ready” spooled files are complete spooled files with a status of held (HLD) or save (SAV). If the output queue has never been checked for “Non-Ready” spooled files to be archived, then these fields will display the date and time that the *Reprint* Output Queue definition was created.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the *Reprint Main Menu*.

Pressing ***F12*** while on this screen will return you to the previous screen.

If the **F6** function key is pressed while on the Work with Reprint Output Queues screen, the Add Output Queue screen will be displayed. An example of the Add Output Queue screen is shown below. This screen allows you to define a new output queue to *Reprint* for monitoring. This screen also allows you to define the first set of spooled file criteria to be used in determining which spooled files should be archived from the newly defined output queue. Additional sets of spooled file criteria can be defined for the output queue by later selecting the output queue from the list displayed on the Work with Reprint Output Queues screen.

```

RPR140                               Your Company Name Here                11/25/03
RPR140D                              R E P R I N T                      18:23:32
                                      Add Output Queue

Output Queue Name...: _____ (F4 for list)
Output Queue Library: _____

Archive "Non-Ready" spooled files: *YES (*YES, *NO)

Minutes between checking
for "Non-Ready" spooled files....: 60 ( 060 - 999, 999=Start-up Only)

===== Initial Spooled File Criteria =====

Sequence number....:   10
Job name.....: *ALL          Form type.....: *ALL
User name.....: *ALL
Spooled file name..: *ALL      Printer file name..: *ALL
User specified data: *ALL      Library.....: *ALL

Days to retain archived spooled files: 7 (001-999, 999=Perm)

F1=Help   F3=Exit   F12=Cancel

```

Field Definitions

Output Queue Name & Library - These fields allow you to enter the exact name and library of the output queue that you would like have Reprint monitor for spooled files that should be archived. If you do not know the exact name and library of the output queue, simply press the **F4** function key and a selection list will be displayed containing an entry for every output queue on your system.

Archive "Non-Ready" spooled files - This field allows you to specify whether or not *Reprint* should archive "Non-Ready" spooled files from this output queue. "Non-Ready" spooled files are complete spooled files with a status of held (HLD) or save (SAV). Valid values are *YES and *NO. If *YES is specified for this field, then a time interval (in minutes) indicating how often *Reprint* should check this output queue for "Non-Ready" spooled files must be specified.

Minutes between checking for "Non-Ready" spooled files - This field allows you to specify how frequently *Reprint* should check this output queue for "Non-Ready" spooled files that should be archived. "Non-Ready" spooled files are complete spooled files with a status of held (HLD) or save (SAV). After checking the output queue for "Non-Ready" spooled files, *Reprint* will wait the number of minutes specified here before checking the output queue again. Valid values are any number of minutes between the interval specified in the *Reprint* System Defaults and 999. If 999 is specified, the output queue is checked for "Non-Ready" spooled files to be archived at start-up only.

Sequence number - This field is assigned by *Reprint* at the time that the spooled file criteria is entered. Sequence numbers are assigned in ascending order and in multiples of ten (i.e. 10, 20, 30, etc.). The sequence number on this screen will always be 10. When *Reprint* is checking a spooled file against multiple sets of spooled file criteria defined for a single output queue, this field determines the order in which the different sets of spooled file criteria are checked.

Job name - This field is used to help determine which spooled files will be archived. Only spooled files created by a job whose name matches this field, and meets all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific job name, a generic job name, and the special value, *ALL. A generic job name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the job name, *Reprint* assumes that a complete job name has been specified.

User name - This field is used to help determine which spooled files will be archived. Only spooled files created by a user whose name matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific user name, a generic user name, and the special value, *ALL. A generic user name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the user name, *Reprint* assumes that a complete user name has been specified.

Spooled file name - This field is used to help determine which spooled files will be archived. Only spooled files with a name that matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific spooled file name, a generic spooled file name, and the special value, *ALL. A generic spooled file name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the spooled file name, *Reprint* assumes that a complete spooled file name has been specified.

User data - This field is used to help determine which spooled files will be archived. Only spooled files with a user-specified data value that matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific user-specified data, a generic user-specified data, and the special value, *ALL. A generic user-specified data is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the user-specified data, *Reprint* assumes that a complete user-specified data has been entered.

Form type - This field is used to help determine which spooled files will be archived. Only spooled files with a form type matching this field, and meeting all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific form type, a generic form type, and the special value, *ALL. A generic form type is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the form type, *Reprint* assumes that a complete form type has been specified.

Printer file name - This field is used to help determine which spooled files will be archived. Only spooled files created using a printer file whose name matches this field, and that meet all other criteria specified at this sequence number, will be archived by *Reprint*. Valid values are a specific printer file name, a generic printer file name, and the special value, *ALL. A generic printer file name is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the printer file name, *Reprint* assumes that a complete printer file name has been specified.

Days to retain archived spooled files - This field is used in conjunction with the Auto-purge feature to determine the number of days that spooled files meeting the criteria specified at this sequence number should be retained in the *Reprint* Directory of Archives. If the *Reprint* System Default, *Automatically purge REPRINT history and archives*, is set to *YES, spooled files archived because they met the criteria specified at this sequence number will be deleted from the *Reprint* Directory of Archives after the number of days specified here. Valid values are any number of days from 001 through 999. If 999 is specified, the archive is considered permanent and will never be deleted by the Auto-purge feature.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F12** while on this screen will return you to the previous screen.

Work with REPRINT System Status

To work with the *Reprint* system status, select option 05 from the *Reprint Main Menu*. After selecting option 05, the Work with System Status screen will be displayed. This screen displays the current *Reprint* system status and allows you to change the system status by pressing the **F6** function key. If the *Reprint* system status is Active, this means that the *Reprint* Output Queue Monitor is active. If the *Reprint* system status is Inactive, this means that the *Reprint* Output Queue Monitor is inactive. The *Reprint* Output Queue Monitor monitors output queues for the arrival of spooled files that should be archived.

The *Reprint* system status can also be changed by using the **STRPMON** command to start the *Reprint* Output Queue Monitor and the **ENDRPMON** command to stop the *Reprint* Output Queue Monitor.

```
RPR150          Your Company Name Here          10/04/02
RPR150D         R E P R I N T                   13:50:54
                Work with System Status

Current system status: Active

F1=Help  F3=Exit  F6=Stop REPRINT  F12=Cancel
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```

Field Definitions

Current system status - This field indicates the current status of the *Reprint* Output Queue Monitor. The *Reprint* Output Queue Monitor monitors output queues for the arrival of spooled files that should be archived. Possible values are active and inactive.

The *Reprint* Output Queue Monitor can be started and stopped by pressing the **F6** function key while on this screen. The *Reprint* Output Queue Monitor can also be started using the **STRPMON** command and stopped using the **ENDRPMON** command.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F6** while on this screen will cause the *Reprint* system status to change from inactive to active or from active to inactive.

Pressing **F12** while on this screen will return you to the previous screen.

Work with REPRINT Directory of Archives

To work with the *Reprint* Directory of Archives, select option 07 from the *Reprint Main Menu*. After selecting option 07, the Work with Reprint Directory screen will be displayed. This screen lists current spooled file archives for all users. Spooled file archives are listed from newest to oldest. Spooled files that have already been reprinted at least once, will be shown in white text. Spooled files that have not been reprinted, will be shown in green text. Spooled file archives can be selected from the list for reprinting, viewing, reviewing of reprint activity, and deletion from the Directory of Archives.

Caution: Via this option, *Reprint* System Administrators can view and possibly reprint spooled file archives created by any user. **Choose your *Reprint* System Administrators with care.**

```

RPR130                               Your Company Name Here                10/04/02
RPR130D                               R E P R I N T                            14:28:48
                                         Work with Reprint Directory

Type options, press Enter.
  1=Select for reprint   4=Delete from directory   5=Display spooled file
  8=Display reprint history

Position to user: _____

  Opt  File      User      Output      User Data  Sts  Total  Copy
  ---  -
  -    QPRINT    AHERRINGTO  RLGTEPRT01  OPI040    WTR    2    1
  -    QSYSPRT    QSECOFR    PRT01        RDY    1    1
  -    QSYSPRT    QSECOFR    QSYSPRT      RPRPT01CL  RDY    1    1
  -    QSYSPRT    QSECOFR    QSYSPRT      WTR    1    1

                                         Bottom

F1=Help  F3=Exit  F5=Refresh  F10=View 4  F11=View 2  F12=Cancel
F17=Subset
(C) Copyright WorksRight Software, Inc. 2003.
  
```

Field Definitions

Position to user - This field allows you to position the list to a specific user's spooled file archives. A complete or partial user name may be entered.

Option - This field allows you to select one or more spooled files that have been archived by *Reprint* for processing. Valid values are "1" to select the archived spooled file for reprint, "4" to delete the archived spooled file from the Directory of Archives, "5" to display the archived spooled file, and "8" to display the reprint history for the archived spooled file.

File - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

User - This field displays the name of the user who owns the spooled file.

Output queue - This field displays the name of the output queue that contained the spooled file at the time it was archived by *Reprint*.

User data - This field displays the 10 characters of user-specified data assigned to the spooled file.

Status - This field displays the status of the spooled file at the time it was archived by *Reprint*.

Total pages - This field displays the total number of pages in the spooled file.

Copy - This field displays the number of copies remaining to print for the spooled file at the time that it was archived by *Reprint*.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F5** while on this screen will cause the list to be refreshed. Any newly created spooled file archives will be added to the list.

Pressing **F10** while on this screen will switch the list to view 4. There are a total of 4 views for the list. Each view displays additional information for each spooled file archive.

Pressing **F11** while on this screen will switch the list to view 2.

Pressing **F12** while on this screen will return you to the previous screen.

Pressing **F17** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to specify criteria to be used for creating a subset of the list of spooled file archives available for reprint.

For each spooled file archive selected from the Work with Reprint Directory screen with selection option 1, the Reprint Spooled File screen will be displayed. An example of the Reprint Spooled File screen is shown below. This screen allows you to reprint the selected spooled file.

When reprinting a spooled file, you are allowed to specify the output queue in which the reprinted spooled file should be placed, the number of copies that the reprinted spooled file should print, and whether or not the reprinted spooled file should be held before printing.

```
RPR130          Your Company Name Here          10/04/02
RPR130D          R E P R I N T                  16:11:48
                Reprint Spooled File

Press ENTER to reprint the following spooled file.

Spooled File Name: QSYSPRT      Number:      1

Originally created by:  Job Name .....: ALO270B
                       User Name .....: QSECOFR
                       Job Number ...: 020554

Place reprinted spooled file in output queue: PRT01_____ Library: QUSRSYS_____

Copies to print of reprinted spooled file...:  1 (001-255)

Set reprinted spooled file status to hold...:  *NO  (*NO, *YES)

Use these values for any remaining reprint selections? *NO  (*NO, *YES)

F1=Help  F3=Exit  F12=Cancel
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Originally created by Job name - This field displays the name of the job that created the spooled file.

Originally created by User name - This field displays the name of the user who owns the spooled file.

Originally created by Job number - This field displays the number of the job that created the spooled file.

Place reprinted spooled file in output queue - These fields allow you to indicate where (which output queue and library) the reprinted spooled file should be placed. Valid values are any output queue name and library combination that currently exists on your system.

Copies to print of reprinted spooled file - This field allows you to indicate the number of copies that should be produced by the reprinted spooled file. This field defaults to the number of copies assigned to the original spooled file. Valid values are any number of copies between 001 and 255.

Set reprinted spooled file status to hold - This field allows you to indicate whether or not *Reprint* should set the reprinted spooled file's status to "HELD". Valid values are *NO, the spooled file is not held, and *YES, the spooled file is held in the output queue.

Use these values for any remaining reprint selections - This field allows you to have *Reprint* use the reprint criteria (Output Queue name, number of copies, and set status to hold) specified for all spooled files selected for reprint from the list on the previous screen. Valid values are *YES and *NO. If *YES is specified, the values specified will be used when processing the remaining list selections. If *NO is specified, you will be prompted for the reprint criteria (Output Queue name, number of copies, and set status to hold) again when the next list selection is processed.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the *Reprint Main Menu*.

Pressing ***F12*** while on this screen will return you to the previous screen.

For each spooled file archive selected from the Work with Reprint Directory screen with selection option 8, the Display Reprint History screen will be displayed. An example of the Display Reprint History screen is shown below. This screen lists all available reprint activity for the selected spooled file.

From the list, one or more entries can be selected to view additional information. The additional information provided includes identifying attributes and current location, if available, for the reprinted spooled file.

```

RPR110          Your Company Name Here          10/04/02
RPR110D          R E P R I N T                  16:43:12
                Display Reprint History

Spooled File Name: QSYSPRT          Number:      2
Created by Job name: DSP01          User name: QSECOFR      Job number: 152579
Created on: 9/19/02 At: 11:22:08
Form type: *STD          User data: RPRPT01CL      Number of pages: 1

Type options, press Enter.
  1=View identifying attributes of reprinted spooled file

Opt  Job          User          Number  Date          Time          Status
--  --          --          --      --          --          --
-   DSP01        QSECOFR        152629  9/19/02      14:33:19     Reprinted
-   ALO270B      QSECOFR        019799  9/26/02      16:39:47     Reprinted

F1=Help  F3=Exit  F5=Refresh  F12=Cancel

Bottom
  
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Created by Job name - This field displays the name of the job that created the spooled file.

Created by User name - This field displays the name of the user who owns the spooled file.

Created by Job number - This field displays the number of the job that created the spooled file.

Created on - This field displays the date that the original spooled file was created.

Created at - This field displays the time that the original spooled file was created.

Form type - This field displays the type of forms that should be loaded on the printer when the spooled file is printed.

User data - This field displays the 10 characters of user-specified data which describes the spooled file.

Number of pages - This field displays the total number of pages in the spooled file.

Option - This field allows you to select one or more reprint entries for viewing additional information. Valid values are "1" to select the list entry for viewing additional information. The additional information provided includes identifying attributes and current location, if available, for the reprinted spooled file.

Job - This field displays the name of the job that reprinted the spooled file.

User - This field displays the name of the user that reprinted the spooled file.

Number - This field displays the number of the job that reprinted the spooled file.

Date - This field displays the date that the spooled file was reprinted.

Time - This field displays the time that the spooled file was reprinted.

Status - This field displays the completion status of the reprint attempt. The status will be either "Reprinted" or "Reprint Failed". If the status is "Reprint Failed", the job log of the reprinting job should be reviewed to determine why the reprint attempt was unsuccessful.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F5** while on this screen will cause the list to be refreshed. Any new reprints of the archived spooled file will be added to the list.

Pressing **F12** while on this screen will return you to the previous screen.

For each reprint entry selected from the Display Reprint History screen with selection option 1, the Identifying Attributes Of Reprinted Spooled File screen will be displayed. An example of the Identifying Attributes Of Reprinted Spooled File screen is shown below. This screen provides all available information regarding the reprinted spooled file.

```
RPR110          Your Company Name Here          10/04/02
RPR110D          R E P R I N T                  17:09:18
                Identifying Attributes Of Reprinted Spooled File

Spooled File Name: QSYSPRT          Number:          2
Created by Job name: DSP01          User name: QSECOFR          Job number: 152579
Created on: 9/19/02 At: 11:22:08
Form type: *STD          User data: RPRPT01CL          Number of pages: 1

Reprinted by Job name: DSP01          User name: QSECOFR          Job number: 152629
Reprinted on: 9/19/02 At: 14:33:19

Identifying attributes: Spooled file name ....: QSYSPRT
                        Spooled file number ..: 000003
                        Job name .....: DSP01
                        User name .....: QSECOFR
                        Job number .....: 152629

Current location .....: No longer on this system

F1=Help  F3=Exit  F12=Cancel
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Created by Job name - This field displays the name of the job that created the spooled file.

Created by User name - This field displays the name of the user who owns the spooled file.

Created by Job number - This field displays the number of the job that created the spooled file.

Created on - This field displays the date that the original spooled file was created.

Created at - This field displays the time that the original spooled file was created.

Form type - This field displays the type of forms that should be loaded on the printer when the spooled file is printed.

User data - This field displays the 10 characters of user-specified data which describes the spooled file.

Number of pages - This field displays the total number of pages in the spooled file.

Reprinted by Job name - This field displays the name of the job that reprinted the spooled file.

Reprinted by User name - This field displays the name of the user that reprinted the spooled file.

Reprinted by Job number - This field displays the number of the job that reprinted the spooled file.

Reprinted on - This field displays the date that the spooled file was reprinted.

Reprinted at - This field displays the time that the spooled file was reprinted.

Identifying attributes Spooled file name - This field displays the name of the reprinted spooled file. The reprinted spooled file name will always be the same as the original spooled file name.

Identifying attributes Spooled file number - This field displays the number of the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file number is unknown and will be displayed as "?????". If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, this field will always display the correct spooled file number.

Identifying attributes Job name - This field displays the name of the job that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file job name will be the same as the *Reprinted by job name*. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file job name will be the same as the *Reprinted by job name*. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file job name will be "QPRTJOB".

Identifying attributes User name - This field displays the name of the user that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file user name will be the same as the "Reprinted by user name". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file user name will be the same as the "Reprinted by user name". If the original spooled file owner and the *Reprinted by user* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file user name will be the same as the original spooled file user name.

Identifying attributes Job number - This field displays the number of the job that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file job number will be the same as the "Reprinted by job number". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file job number will be the same as the "Reprinted by job number". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file job number is unknown and will be displayed as "?????". If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, this field will always display the correct job number.

Current location - This field displays the current location of the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", *Reprint* will be unable to determine the location of the reprinted spooled file because the reprinting job number and spooled file number are unknown. If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, the current location of the reprinted spooled file will always be known and displayed.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F12** while on this screen will return you to the previous screen.

Work with REPRINT Deletion History

To work with the *Reprint* Deletion History, select option 08 from the *Reprint Main Menu*. After selecting option 08, the Work with Deletion History screen will be displayed. This screen lists all spooled file archives that have been deleted from the *Reprint* Directory of Archives. Spooled file archives are listed in order from most recently deleted to least recently deleted. Spooled files that have been reprinted at least once, will be shown in white text. Spooled files that have not been reprinted, will be shown in green text. The deleted spooled file archives listed can be selected for reprinting, viewing, reviewing of reprint activity, un-deletion, and removal from *Reprint* Deletion History.

When deleted spooled file archives are selected to be un-deleted or reinstated, the archive is placed back into the *Reprint* Directory of Archives. For the purposes of *Reprint's* Auto-purge feature, the aging of a spooled file archive starts over when the spooled file archive is un-deleted.

```

RPR120                               Your Company Name Here                10/04/02
RPR120D                               R E P R I N T                      17:59:21
                                         Work with Deletion History

Type options, press Enter.
  1=Select for reprint   4=Delete from history   5=Display spooled file
  8=Display reprint history  9=Un-delete

Output

```

Opt	File	User	Queue	User Data	Sts	Total Pages	Copy
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPI040	WTR	2	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPD150	RDY	1	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPD150	WTR	1	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPD150	RDY	1	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPD150	WTR	1	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPD150	WTR	1	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPD150	WTR	1	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPI040	WTR	2	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPD110	MSGW	47	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPD150	RDY	1	1
—	QPRINT	AHERRINGTO	RLGTEPRT01	OPI040	RDY	2	1

```

More...
F1=Help   F3=Exit   F5=Refresh   F10=View 5   F11=View 2   F12=Cancel
F17=Subset
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```

Field Definitions

Option - This field allows you to select one or more deleted spooled file archives for processing. Valid values are “1” to select the deleted spooled file archive for reprint, “4” to delete the deleted spooled file archive from this list, “5” to display the deleted spooled file archive, “8” to display the reprint history for the deleted spooled file archive, and “9” to un-delete the deleted spooled file archive. When deleted spooled file archives are selected to be un-deleted, the archive is placed back into the *Reprint* Directory of Archives.

File - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

User - This field displays the name of the user who owns the spooled file.

Output queue - This field displays the name of the output queue that contained the spooled file at the time it was archived by *Reprint*.

User data - This field displays the 10 characters of user-specified data assigned to the spooled file.

Status - This field displays the status of the spooled file at the time it was archived by *Reprint*.

Total pages - This field displays the total number of pages in the spooled file.

Copy - This field displays the number of copies remaining to print for the spooled file at the time that it was archived by *Reprint*.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F5** while on this screen will cause the list to be refreshed. Any newly deleted spooled file archives will be added to the list.

Pressing **F10** while on this screen will switch the list to view 5. There are a total of 5 views for the list. Each view displays additional information for each deleted spooled file archive.

Pressing **F11** while on this screen will switch the list to view 2.

Pressing **F12** while on this screen will return you to the previous screen.

Pressing **F17** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to specify criteria to be used for creating a subset of the list of spooled file archives currently residing in the Deletion History file.

For each deleted spooled file archive selected from the Work with Deletion History screen with selection option 1, the Reprint Spooled File screen will be displayed. An example of the Reprint Spooled File screen is shown below. This screen allows you to reprint the selected spooled file.

When reprinting a spooled file, you are allowed to specify the output queue in which the reprinted spooled file should be placed, the number of copies that the reprinted spooled file should print, and whether or not the reprinted spooled file should be held before printing.

```
RPR120          Your Company Name Here          10/04/02
RPR120D          R E P R I N T                   18:25:46
                Reprint Spooled File

Press ENTER to reprint the following spooled file.

Spooled File Name: QPRINT          Number:          10

Originally created by:  Job Name .....: RLGTEWS01
                       User Name .....: AHERRINGTO
                       Job Number ...: 152661

Place reprinted spooled file in output queue: RLGTEPRT01 Library: QUSRSYS
Copies to print of reprinted spooled file...:  1 (001-255)
Set reprinted spooled file status to hold...: *NO (*NO, *YES)
Use these values for any remaining reprint selections? *NO (*NO, *YES)

F1=Help  F3=Exit  F12=Cancel
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Originally created by Job name - This field displays the name of the job that created the spooled file.

Originally created by User name - This field displays the name of the user who owns the spooled file.

Originally created by Job number - This field displays the number of the job that created the spooled file.

Place reprinted spooled file in output queue - These fields allow you to indicate where (which output queue and library) the reprinted spooled file should be placed. Valid values are any output queue name and library combination that currently exists on your system.

Copies to print of reprinted spooled file - This field allows you to indicate the number of copies that should be produced by the reprinted spooled file. This field defaults to the number of copies assigned to the original spooled file. Valid values are any number of copies between 001 and 255.

Set reprinted spooled file status to hold - This field allows you to indicate whether or not *Reprint* should set the reprinted spooled file's status to "HELD". Valid values are *NO, the spooled file is not held, and *YES, the spooled file is held in the output queue.

Use these values for any remaining reprint selections - This field allows you to have *Reprint* use the reprint criteria (Output Queue name, number of copies, and set status to hold) specified for all spooled files selected for reprint from the list on the previous screen. Valid values are *YES and *NO. If *YES is specified, the values specified will be used when processing the remaining list selections. If *NO is specified, you will be prompted for the reprint criteria (Output Queue name, number of copies, and set status to hold) again when the next list selection is processed.

Function Keys

Pressing ***F1*** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing ***F3*** while on this screen will return you to the *Reprint Main Menu*.

Pressing ***F12*** while on this screen will return you to the previous screen.

For each deleted spooled file archive selected from the Work with Deletion History screen with selection option 8, the Display Reprint History screen will be displayed. An example of the Display Reprint History screen is shown below. This screen lists all available reprint activity for the selected spooled file.

From the list, one or more entries can be selected to view additional information. The additional information provided includes identifying attributes and current location, if available, for the reprinted spooled file.

```

RPR110          Your Company Name Here          10/04/02
RPR110D          R E P R I N T                  16:43:12
                Display Reprint History

Spooled File Name: QSYSPRT          Number:      2
Created by Job name: DSP01          User name: QSECOFR      Job number: 152579
Created on: 9/19/02 At: 11:22:08
Form type: *STD          User data: RPRPT01CL      Number of pages: 1

Type options, press Enter.
  1=View identifying attributes of reprinted spooled file

Opt  Job          User          Number  Date       Time       Status
--  --          --          --      --        --        --
-   DSP01        QSECOFR        152629  9/19/02   14:33:19  Reprinted
-   ALO270B     QSECOFR        019799  9/26/02   16:39:47  Reprinted

F1=Help  F3=Exit  F5=Refresh  F12=Cancel

Bottom
  
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Created by Job name - This field displays the name of the job that created the spooled file.

Created by User name - This field displays the name of the user who owns the spooled file.

Created by Job number - This field displays the number of the job that created the spooled file.

Created on - This field displays the date that the original spooled file was created.

Created at - This field displays the time that the original spooled file was created.

Form type - This field displays the type of forms that should be loaded on the printer when the spooled file is printed.

User data - This field displays the 10 characters of user-specified data which describes the spooled file.

Number of pages - This field displays the total number of pages in the spooled file.

Option - This field allows you to select one or more reprint entries for viewing additional information. Valid values are "1" to select the list entry for viewing additional information. The additional information provided includes identifying attributes and current location, if available, for the reprinted spooled file.

Job - This field displays the name of the job that reprinted the spooled file.

User - This field displays the name of the user that reprinted the spooled file.

Number - This field displays the number of the job that reprinted the spooled file.

Date - This field displays the date that the spooled file was reprinted.

Time - This field displays the time that the spooled file was reprinted.

Status - This field displays the completion status of the reprint attempt. The status will be either "Reprinted" or "Reprint Failed". If the status is "Reprint Failed", the job log of the reprinting job should be reviewed to determine why the reprint attempt was unsuccessful.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F5** while on this screen will cause the list to be refreshed. Any new reprints of the archived spooled file will be added to the list.

Pressing **F12** while on this screen will return you to the previous screen.

For each reprint entry selected from the Display Reprint History screen with selection option 1, the Identifying Attributes Of Reprinted Spooled File screen will be displayed. An example of the Identifying Attributes Of Reprinted Spooled File screen is shown below. This screen provides all available information regarding the reprinted spooled file.

```
RPR110          Your Company Name Here          10/04/02
RPR110D          R E P R I N T                  17:09:18
                Identifying Attributes Of Reprinted Spooled File

Spooled File Name: QSYSPRT          Number:          2
Created by Job name: DSP01          User name: QSECOFR      Job number: 152579
Created on: 9/19/02 At: 11:22:08
Form type: *STD          User data: RPRPT01CL      Number of pages: 1

Reprinted by Job name: DSP01          User name: QSECOFR      Job number: 152629
Reprinted on: 9/19/02 At: 14:33:19

Identifying attributes: Spooled file name ....: QSYSPRT
                        Spooled file number ..: 000003
                        Job name .....: DSP01
                        User name .....: QSECOFR
                        Job number .....: 152629

Current location .....: No longer on this system

F1=Help  F3=Exit  F12=Cancel
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Created by Job name - This field displays the name of the job that created the spooled file.

Created by User name - This field displays the name of the user who owns the spooled file.

Created by Job number - This field displays the number of the job that created the spooled file.

Created on - This field displays the date that the original spooled file was created.

Created at - This field displays the time that the original spooled file was created.

Form type - This field displays the type of forms that should be loaded on the printer when the spooled file is printed.

User data - This field displays the 10 characters of user-specified data which describes the spooled file.

Number of pages - This field displays the total number of pages in the spooled file.

Reprinted by Job name - This field displays the name of the job that reprinted the spooled file.

Reprinted by User name - This field displays the name of the user that reprinted the spooled file.

Reprinted by Job number - This field displays the number of the job that reprinted the spooled file.

Reprinted on - This field displays the date that the spooled file was reprinted.

Reprinted at - This field displays the time that the spooled file was reprinted.

Identifying attributes Spooled file name - This field displays the name of the reprinted spooled file. The reprinted spooled file name will always be the same as the original spooled file name.

Identifying attributes Spooled file number - This field displays the number of the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file number is unknown and will be displayed as "?????". If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, this field will always display the correct spooled file number.

Identifying attributes Job name - This field displays the name of the job that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file job name will be the same as the *Reprinted by job name*. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file job name will be the same as the *Reprinted by job name*. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file job name will be "QPRTJOB".

Identifying attributes User name - This field displays the name of the user that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file user name will be the same as the "Reprinted by user name". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file user name will be the same as the "Reprinted by user name". If the original spooled file owner and the *Reprinted by user* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file user name will be the same as the original spooled file user name.

Identifying attributes Job number - This field displays the number of the job that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file job number will be the same as the "Reprinted by job number". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file job number will be the same as the "Reprinted by job number". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file job number is unknown and will be displayed as "?????". If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, this field will always display the correct job number.

Current location - This field displays the current location of the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", *Reprint* will be unable to determine the location of the reprinted spooled file because the reprinting job number and spooled file number are unknown. If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, the current location of the reprinted spooled file will always be known and displayed.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F12** while on this screen will return you to the previous screen.

Work with REPRINT Reprint History

To work with the *Reprint's* Reprint History, select option 09 from the *Reprint Main Menu*. After selecting option 09, the Work with Reprint History screen will be displayed. This screen lists each reprint attempt for all spooled file archives. Reprint attempts are listed by reprinting user in order from the most recent to least recent. The reprint attempts listed can be selected for viewing additional information, and deletion from *Reprint's* Reprint History.

```

RPR170          Your Company Name Here          10/04/02
RPR170D          R E P R I N T                  18:33:36
                Work with Reprint History

Type options, press Enter.
  1=View Reprint details   4=Delete from Reprint History

Position to user: _____

  Reprinted  ----- Original Spooled File Information -----
  Opt  By User  Name          Number  Job Name  User Name  Job Nbr  User Data
  --  -
  -   QSECOFR  ORDERRPG      1   ORDERRPG  QSYSOPR   19726
  -   QSECOFR  QPRINT        1   RLGTEWS01 AHERRINGTO 152902  OPD150
  -   QSECOFR  QSYSPRT       2   DSP01     QSECOFR   152579  RPRPT01CL
  -   QSECOFR  QSYSPRT       7   DSP01     QSECOFR   152579
  -   QSECOFR  QPRINT        1   RLGTEWS01 AHERRINGTO 152902  OPD150
  -   QSECOFR  QPRINT        5   APCHECKS  QSYSOPR   153015  MSD010
  -   QSECOFR  QPRINT        1   RLGTEWS01 AHERRINGTO 152902  OPD150
  -   QSECOFR  QSYSPRT       2   DSP01     QSECOFR   152579  RPRPT01CL
  -   QSYSOPR  QPRINT        1   RLGTEWS01 AHERRINGTO 152902  OPD150
                                           More...

F1=Help  F3=Exit  F5=Refresh  F10=View 4  F11=View 2  F12=Cancel
F17=Subset
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```

Field Definitions

Position to user - This field allows you to position the list to a specific user's reprint attempts. A complete or partial user name may be entered.

Option - This field allows you to select one or more reprint attempts for processing. Valid values are "1" to select the reprint attempt for viewing detailed information, and "4" to delete the reprint attempt from the Reprint History file.

Reprinted by user - This field displays the name of the user that reprinted or attempted to reprint the spooled file.

Original spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Original spooled file number - This field displays the file number for the spooled file.

Original spooled file Job name - This field displays the name of the job that created the spooled file.

Original spooled file User name - This field displays the name of the user who owns the spooled file.

Original spooled file Job number - This field displays the number of the job that created the spooled file.

Original spooled file user data - This field displays the 10 characters of user-specified data which describes the spooled file.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F5** while on this screen will cause the list to be refreshed. Any newly created reprint history records will be added to the list.

Pressing **F10** while on this screen will switch the list to view 4. There are a total of 4 views for the list. Each view displays additional information for each reprint attempt.

Pressing **F11** while on this screen will switch the list to view 2.

Pressing **F12** while on this screen will return you to the previous screen.

Pressing **F17** while on this screen will cause the Subset List screen to be displayed. The Subset List screen allows you to specify criteria to be used for creating a subset of the list of spooled file archives that have been reprinted.

For each reprint entry selected from the Work with Reprint History screen with selection option 1, the Reprint Details screen will be displayed. An example of the Reprint Details screen is shown below. This screen provides all available information regarding the reprinted spooled file.

```
RPR170          Your Company Name Here          10/07/02
RPR170D          R E P R I N T                  09:40:08
                Reprint Details

Spooled File Name: QPRINT          Number:          1
Created by Job name: RLGTEWS01    User name: AHERRINGTO  Job number: 152902
Created on: 9/22/02 At: 21:52:25
Form type: DELVRYTKTS    User data: OPD150          Number of pages: 1

Reprinted by Job name: ALO270B    User name: QSECOFR      Job number: 019881
Reprinted on: 9/27/02 At: 8:56:58

Identifying attributes: Spooled file name ....: QPRINT
                        Spooled file number ..: 000001
                        Job name .....: ALO270B
                        User name .....: QSECOFR
                        Job number .....: 019881

Current location .....: Output queue: QUSRSYS/PRT01

F1=Help   F3=Exit   F12=Cancel
```

Field Definitions

Spooled file name - This field displays either the file name that was specified by the user program when the spooled file was created, or the name of the device file used to create the spooled file.

Spooled file number - This field displays the file number for the spooled file.

Created by Job name - This field displays the name of the job that created the spooled file.

Created by User name - This field displays the name of the user who owns the spooled file.

Created by Job number - This field displays the number of the job that created the spooled file.

Created on - This field displays the date that the original spooled file was created.

Created at - This field displays the time that the original spooled file was created.

Form type - This field displays the type of forms that should be loaded on the printer when the spooled file is printed.

User data - This field displays the 10 characters of user-specified data which describes the spooled file.

Number of pages - This field displays the total number of pages in the spooled file.

Reprinted by Job name - This field displays the name of the job that reprinted the spooled file.

Reprinted by User name - This field displays the name of the user that reprinted the spooled file.

Reprinted by Job number - This field displays the number of the job that reprinted the spooled file.

Reprinted on - This field displays the date that the spooled file was reprinted.

Reprinted at - This field displays the time that the spooled file was reprinted.

Identifying attributes Spooled file name - This field displays the name of the reprinted spooled file. The reprinted spooled file name will always be the same as the original spooled file name.

Identifying attributes Spooled file number - This field displays the number of the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file number is unknown and will be displayed as "?????". If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, this field will always display the correct spooled file number.

Identifying attributes Job name - This field displays the name of the job that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file job name will be the same as the *Reprinted by job name*. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file job name will be the same as the *Reprinted by job name*. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file job name will be "QPRTJOB".

Identifying attributes User name - This field displays the name of the user that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file user name will be the same as the "Reprinted by user name". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file user name will be the same as the "Reprinted by user name". If the original spooled file owner and the *Reprinted by user* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file user name will be the same as the original spooled file user name.

Identifying attributes Job number - This field displays the number of the job that owns the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are the same, the reprinted spooled file job number will be the same as the "Reprinted by job number". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The reprinting user", the reprinted spooled file job number will be the same as the "Reprinted by job number". If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", the reprinted spooled file job number is unknown and will be displayed as "?????". If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, this field will always display the correct job number.

Current location - This field displays the current location of the reprinted spooled file. If the original spooled file owner and the *Reprinted by user name* are different and the System default *Reprinted spooled files should be owned by* is set to "The original spooled file owner", *Reprint* will be unable to determine the location of the reprinted spooled file because the reprinting job number and spooled file number are unknown. If the spooled file was reprinted while running under OS/400 V5R1M0 or higher, the current location of the reprinted spooled file will always be known and displayed.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F12** while on this screen will return you to the previous screen.

Purge REPRINT History Files

To manually purge *Reprint's* History and Archive files, select option 10 from the *Reprint Main Menu*. After selecting option 10, the Purge Reprint History Files screen will be displayed. This screen allows you to manually purge information for any or all of Reprint's history and archive files. History and archive data may be purged by date and/or by age (days old).

Purged archives are placed in the deletion history and may still be reprinted, viewed, and un-deleted by any *Reprint* System Administrator. Purged deletion and reprint history entries are permanently removed from the system and are no longer available to any user.

```
RPR180          Your Company Name Here          10/07/02
RPR180D          R E P R I N T                   09:49:47
                Purge Reprint History Files

Directory of Archives
Purge archive records created on or before .....: _____ (MDY) **
Purge archive records over .....: _____ (001-999 days old)

Deletion History
Purge deletion history records created on or before: _____ (MDY) **
Purge deletion history records over .....: _____ (001-999 days old)

Reprint History
Purge reprint history records created on or before : _____ (MDY) **
Purge reprint history records over .....: _____ (001-999 days old)

** Dates entered are assumed to be in the range of January 1, 1940
   through December 31, 2039. (i.e. 2/14/05 is February 14, 2005)

F1=Help  F3=Exit  F12=Cancel
(C) Copyright WorksRight Software, Inc. 2003.
```

Field Definitions

Purge archive records created on or before - This field allows you to specify a date to be used for purging spooled file archives from the *Reprint* Directory of Archives. Spooled file archives that were placed in the Directory of Archives on or before the date specified are deleted. If this field is left blank, no spooled file archives will be purged based upon date. Valid values are any valid date in your system's six-digit format. All dates are assumed to be in the range of January 1, 1940 through December 31, 2039.

Purge archive records over - This field allows you to indicate, in days, the age beyond which spooled file archives should be deleted from the *Reprint* Directory of Archives. The spooled file archives are aged from the date they were placed in the Directory of Archives. If this field is left blank, no spooled file archives will be purged based upon age. Valid values are blanks, and any number of days between 001 and 999.

Purge deletion history records created on or before - This field allows you to specify a date to be used for purging deleted spooled file archives from the *Reprint* Deletion History file. Deleted spooled file archives that were placed in the Deletion History file on or before the date specified are removed. If this field is left blank, no deleted spooled file archives will be purged based upon date. Valid values are any valid date in your system's six-digit format. All dates are assumed to be in the range of January 1, 1940 through December 31, 2039.

Purge deletion history records over - This field allows you to indicate, in days, the age beyond which deleted spooled file archives should be removed from the *Reprint* Deletion History file. The deleted spooled file archives are aged from the date they were placed in the Deletion History file. If this field is left blank, no deleted spooled file archives will be purged based upon age. Valid values are blanks, and any number of days between 001 and 999.

Purge reprint history records created on or before - This field allows you to specify a date to be used for purging reprint history records from the Reprint History file. Reprint history records that were placed in the Reprint History file on or before the date specified are deleted. If this field is left blank, no reprint history records will be purged based upon date. Valid values are any valid date in your system's six-digit format. All dates are assumed to be in the range of January 1, 1940 through December 31, 2039.

Purge reprint history records over - This field allows you to indicate, in days, the age beyond which reprint history records should be removed from the Reprint History file. The reprint history records are aged from the date that the reprint took place. If this field is left blank, no reprint history records will be purged based upon age. Valid values are blanks, and any number of days between 001 and 999.

Function Keys

Pressing **F1** while on this screen will access the on-line help text associated with the area of the screen in which the cursor is currently located.

Pressing **F3** while on this screen will return you to the *Reprint Main Menu*.

Pressing **F12** while on this screen will return you to the previous screen.

The REPRINT Reports Menu

The *Reprint Reports Menu* may be displayed by any *Reprint* System Administrator by selecting option 70 from the *Reprint Main Menu*. The *Reprint Main Menu* can be accessed by typing the following command on any command entry display.

STRREPRINT

...and pressing **ENTER**.

Below is an example of what the *Reprint Reports Menu* will look like. In the pages to follow, each option and report is explained in detail.

```
RPMENUR                                REPRINT Reports Menu                                Release 1.22

Select one of the following:

    1. Print REPRINT Disk Usage Analysis Report
    2. Print REPRINT Directory Analysis Report
    3. Print REPRINT Deletion History Analysis Report

    5. Print REPRINT Reprint History Analysis Report - By Spooled File
    6. Print REPRINT Reprint History Analysis Report - By Reprinting User

    8. Print REPRINT Configuration Analysis Report

    10. Print REPRINT Exception Report

    60. Go to REPRINT Main Menu
    90. Sign Off

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Selection or command
====> _____

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel
F13=Information Assistant   F16=AS/400 main menu
```

The *Reprint Reports Menu* provides a menu interface to all *Reprint* analysis and exception reports. This menu is only available to the Security Officer (QSECOFR) and *Reprint* System Administrators.

All *Reprint* reports can also be accessed via a command interface. The command interface can be used to run *Reprint* reports from a CL program or job scheduler. The *Reprint* report commands include:

- **REPRTLIB/PRTDSKUSG** - Disk Usage Analysis Report
- **REPRTLIB/PRTDIRANA** - Directory Analysis Report
- **REPRTLIB/PRTDELHANA** - Deletion History Analysis Report
- **REPRTLIB/PRTRPHSPLF** - Reprint History Analysis Report - By Splf
- **REPRTLIB/PRTRPHUSR** - Reprint History Analysis Report - By User
- **REPRTLIB/PRTCFGANA** - Configuration Analysis Report
- **REPRTLIB/PRTEXCPT** - Exception Report

The Disk Usage Analysis Report

The *Reprint* Disk Usage Analysis Report can be generated by selecting option 01 from the *Reprint Reports Menu* or by executing the **REPRTLIB/PRTDSKUSG** command directly from any command line. This report provides disk usage information for all spooled file archives including those residing in *Reprint's* Deletion History file.

Selecting option 01 from the *Reprint Reports Menu* will cause the **REPRTLIB/PRTDSKUSG** command to be prompted. An example of the **REPRTLIB/PRTDSKUSG** command prompt screen is shown below. The values provided for these parameters will determine the output produced.

```
Print Disk Usage Analysis (PRTDSKUSG)

Type choices, press Enter.

Report type . . . . . *DETAIL          *ALL, *DETAIL, *SUMMARY
Report scope . . . . . *ALLUSERS       Name, generic*, *ALLUSERS

F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Bottom

Parameter Definitions

Report type - This parameter determines whether a detailed or summary only report will be printed. Valid values are *DETAIL and *SUMMARY. If *DETAIL is specified, all spooled file archives are listed on the report. If *SUMMARY is specified, only the total disk space used by each user's spooled file archives is listed on the report.

Report scope - This parameter determines which user's spooled file archives should be listed or summarized on the report. Valid values are a specific user name, a generic user name, and the special value *ALLUSERS. If a specific user name is entered, only that user's spooled file archives will be included on the report. If a generic user name is entered, only spooled file archives for users whose name match the generic value entered will be included on the report. If the special value *ALLUSERS is entered, all user's spooled file archives will be included on the report.

Generic* values - A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, *Reprint* assumes that the character string is non-generic. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spooled file archive is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Sample Report

-- Spooled File --		Created By		Creation		Nbr Of	Archive	Size	% Of	% Of		
Name	Number	Job Name	User Name	Job #	Date	Time	Pages	Forms Type	Location	(K)	Usr Arc	All Arc
RUN DATE: 10/07/02 RUN TIME: 11:05:39 Report Type : Detail Report Scope: *ALLUSERS												
Your Company Name Here R E P R I N T Disk Usage Analysis Report												
										PGM: RPR305		PAGE: 1
										Disk space used by REPRINT programs and configuration:		29786540 Bytes
										Disk space used by REPRINT archives		16715348 Bytes
										Total disk space used by REPRINT		46501888 Bytes
User Name: AHERRINGTO												
QPRINT	1	RLGTEWS01	AHERRINGTO	152902	9/22/02	21:52:25	000001	DELVRYTKTS	Del Histry	12	5.89%	.07%
QPRINT	4	RLGTEWS01	AHERRINGTO	152870	9/21/02	20:22:44	000001	DELVRYTKTS	Del Histry	4	1.99%	.03%
QPRINT	3	RLGTEWS01	AHERRINGTO	152870	9/21/02	18:20:23	000001	DELVRYTKTS	Del Histry	12	5.89%	.07%
QPRINT	2	RLGTEWS01	AHERRINGTO	152870	9/21/02	16:35:55	000001	DELVRYTKTS	Del Histry	12	5.89%	.07%
QPRINT	1	RLGTEWS01	AHERRINGTO	152870	9/21/02	15:46:51	000001	DELVRYTKTS	Del Histry	12	5.89%	.07%
QPRINT	5	RLGTEWS01	AHERRINGTO	152822	9/20/02	22:28:09	000001	DELVRYTKTS	Del Histry	4	1.99%	.03%
QPRINT	4	RLGTEWS01	AHERRINGTO	152822	9/20/02	20:19:06	000002	DELVRYTKTS	Del Histry	12	5.89%	.07%
QPRINT	1	LOADINGTKS	AHERRINGTO	152825	9/20/02	19:41:52	000047	LOADINGTKT	Del Histry	40	19.52%	.25%
QPRINT	5	LBOFFWS01	TMERRITT	152709	9/20/02	8:37:34	000001	DELVRYTKTS	Del Histry	12	1.22%	.07%
QPRINT	4	LBOFFWS01	TMERRITT	152709	9/20/02	8:37:20	000001	DELVRYTKTS	Del Histry	12	1.22%	.07%
QPRINT	3	LBOFFWS01	TMERRITT	152709	9/20/02	8:37:06	000001	DELVRYTKTS	Del Histry	12	1.22%	.07%
QPRINT	2	LBOFFWS01	TMERRITT	152709	9/20/02	8:25:12	000001	DELVRYTKTS	Del Histry	12	1.22%	.07%
QPRINT	1	LBOFFWS01	TMERRITT	152709	9/20/02	8:21:28	000001	DELVRYTKTS	Del Histry	12	1.22%	.07%
** Totals For User: TMERRITT 71 Spooled Files 6.65% Of All Splfs In Archives 990 6.07%												
User Name: TPIERCY												
QPRINT	4	LBGTEWS01	TPIERCY	152858	9/21/02	10:28:58	000002	DELVRYTKTS	Del Histry	12	25.00%	.07%
QPRINT	3	LBGTEWS01	TPIERCY	152858	9/21/02	8:54:03	000002	DELVRYTKTS	Del Histry	12	25.00%	.07%
QPRINT	2	LBGTEWS01	TPIERCY	152858	9/21/02	7:34:14	000002	DELVRYTKTS	Del Histry	12	25.00%	.07%
QPRINT	1	LBGTEWS01	TPIERCY	152858	9/21/02	5:58:07	000002	DELVRYTKTS	Del Histry	12	25.00%	.07%
** Totals For User: TPIERCY 4 Spooled Files .38% Of All Splfs In Archives 48 .30%												
*** Report Totals 1068 Spooled Files 100.00% Of All Splfs In Archives 16324 100.00%												

The sample report shown above was produced using *Report type* *DETAIL and *Report scope* *ALLUSERS.

The Directory Analysis Report

The *Reprint* Directory Analysis Report can be generated by selecting option 02 from the *Reprint Reports Menu* or by executing the **REPRTLIB/PRTDIRANA** command directly from any command line. This report provides information for spooled file archives residing in *Reprint's* Directory of Archives. This report does not provide information for spooled file archives residing in *Reprint's* Deletion History.

Selecting option 02 from the *Reprint Reports Menu* will cause the **REPRTLIB/PRTDIRANA** command to be prompted. An example of the **REPRTLIB/PRTDIRANA** command prompt screen is shown below. The values provided for these parameters will determine the output produced.

```
Print Directory Analysis (PRTDIRANA)

Type choices, press Enter.

Report type . . . . . *DETAIL      *ALL, *DETAIL, *SUMMARY
Report scope . . . . . *ALLUSERS   Name, generic*, *ALLUSERS

F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Parameter Definitions

Report type - This parameter determines whether a detailed or summary only report will be printed. Valid values are *DETAIL and *SUMMARY. If *DETAIL is specified, each spooled file archive in *Reprint's* Directory of Archives is listed on the report. If *SUMMARY is specified, only the total number of spooled file archives in *Reprint's* Directory of Archives for each user is listed on the report.

Report scope - This parameter determines which user's spooled file archives should be listed or summarized on the report. Valid values are a specific user name, a generic user name, and the special value *ALLUSERS. If a specific user name is entered, only that user's spooled file archives will be included on the report. If a generic user name is entered, only spooled file archives for users whose name match the generic value entered will be included on the report. If the special value *ALLUSERS is entered, all user's spooled file archives will be included on the report.

Generic* values - A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, *Reprint* assumes that the character string is non-generic. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spooled file archive is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Sample Report

```

RUN DATE: 10/07/02                               Your Company Name Here          PGM: RPR310
RUN TIME: 11:49:08                               R E P R I N T                    PAGE: 1
Report Type : Detail
Report Scope: *ALLUSERS
Directory Analysis Report

  -- Spooled File --  ----- Created By -----  --- Creation ---  Nbr Of
  Name              Number Job Name  User Name  Job #  Date    Time    Pages  User Data  Forms Type  Archive Status
  -----
User Name: AHERRINGTO
QPRINT              10  RLGTEWS01  AHERRINGTO  152661  9/19/02  21:51:21  000002  OPI040    DELVRYTKTS  Archived
** Totals For User: AHERRINGTO                1 Spooled Files Archived          0 Spooled Files Not Archived

User Name: QSECOFR
QSYSVRT              1  ALO270B   QSECOFR    020554  10/04/02  10:12:13  000001                    Checks      Archived
QSYSVRT              2  DSP01    QSECOFR    152579  9/19/02  11:22:08  000001  RPRPT01CL *STD      Archived
QSYSVRT              7  DSP01    QSECOFR    152579  9/19/02  11:31:50  000001                    *STD      Archived
** Totals For User: QSECOFR                    3 Spooled Files Archived          0 Spooled Files Not Archived

*** Report Totals                            4 Spooled Files Archived          0 Spooled Files Not Archived

```

The sample report shown above was produced using *Report type* *DETAIL and *Report scope* *ALLUSERS.

The Deletion History Analysis Report

The *Reprint* Deletion History Analysis Report can be generated by selecting option 03 from the *Reprint Reports Menu* or by executing the **REPRTLIB/PRTDELHANA** command directly from any command line. This report provides information for spooled file archives residing in *Reprint's* Deletion History. This report does not provide information for spooled file archives residing in *Reprint's* Directory of Archives.

Selecting option 03 from the *Reprint Reports Menu* will cause the **REPRTLIB/PRTDELHANA** command to be prompted. An example of the **REPRTLIB/PRTDELHANA** command prompt screen is shown below. The values provided for these parameters will determine the output produced.

```
Print Deletion Hist Analysis (PRTDELHANA)

Type choices, press Enter.

Report type . . . . . *DETAIL          *ALL, *DETAIL, *SUMMARY
Report scope . . . . . *ALLUSERS       Name, generic*, *ALLUSERS

F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Parameter Definitions

Report type - This parameter determines whether a detailed or summary only report will be printed. Valid values are *DETAIL and *SUMMARY. If *DETAIL is specified, each spooled file archive in *Reprint's* Deletion History is listed on the report. If *SUMMARY is specified, only the total number of spooled file archives in *Reprint's* Deletion History for each user is listed on the report.

Report scope - This parameter determines which user's spooled file archives should be listed or summarized on the report. Valid values are a specific user name, a generic user name, and the special value *ALLUSERS. If a specific user name is entered, only that user's spooled file archives will be included on the report. If a generic user name is entered, only spooled file archives for users whose name match the generic value entered will be included on the report. If the special value *ALLUSERS is entered, all user's spooled file archives will be included on the report.

Generic* values - A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, *Reprint* assumes that the character string is non-generic. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spooled file archive is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Sample Report

```

RUN DATE: 10/07/02                               Your Company Name Here                               PGM: RPR315
RUN TIME: 13:05:14                               R E P R I N T                                       PAGE: 1
Report Type : Detail
Report Scope: *ALLUSERS

  -- Spooled File --  ----- Created By -----  --- Deleted On ---
  Name      Number  Job Name  User Name  Job #  Date    Time    Archive Status      Date    Time    Deleted By
  -----
User Name: AHERRINGTO
QPRINT      1  RLGTEWS01  AHERRINGTO  152902  9/22/02  21:52:25  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      4  RLGTEWS01  AHERRINGTO  152870  9/21/02  20:22:44  Archive Failed - 002  10/03/02  18:16:58  Auto-Purge
QPRINT      3  RLGTEWS01  AHERRINGTO  152870  9/21/02  18:20:23  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      2  RLGTEWS01  AHERRINGTO  152870  9/21/02  16:35:55  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      1  RLGTEWS01  AHERRINGTO  152870  9/21/02  15:46:51  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      5  RLGTEWS01  AHERRINGTO  152822  9/20/02  22:28:09  Archive Failed - 002  10/03/02  18:16:58  Auto-Purge
QPRINT      4  RLGTEWS01  AHERRINGTO  152822  9/20/02  20:19:06  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      1  LOADINGTKS  AHERRINGTO  152825  9/20/02  19:41:52  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      3  RLGTEWS01  AHERRINGTO  152822  9/20/02  18:26:31  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      2  RLGTEWS01  AHERRINGTO  152822  9/20/02  18:08:27  Archived            10/03/02  18:16:58  Auto-Purge

QPRINT      2  LBOFFWS01  TMERRITT   152709  9/20/02  8:25:12  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      1  LBOFFWS01  TMERRITT   152709  9/20/02  8:21:28  Archived            10/03/02  18:16:58  Auto-Purge

** Totals For User: TMERRITT                71 Archives Deleted                71 Deleted By Auto-Purge                0 Deleted Manually

User Name: TPIERCY
QPRINT      4  LBGTEWS01  TPIERCY    152858  9/21/02  10:28:58  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      3  LBGTEWS01  TPIERCY    152858  9/21/02  8:54:03  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      2  LBGTEWS01  TPIERCY    152858  9/21/02  7:34:14  Archived            10/03/02  18:16:58  Auto-Purge
QPRINT      1  LBGTEWS01  TPIERCY    152858  9/21/02  5:58:07  Archived            10/03/02  18:16:58  Auto-Purge

** Totals For User: TPIERCY                4 Archives Deleted                4 Deleted By Auto-Purge                0 Deleted Manually

*** Report Totals                1064 Archives Deleted                1064 Deleted By Auto-Purge                0 Deleted Manually

Archive Failure Codes:
002 = Spooled file processing completed before the spooled file could be archived.
003 = The spooled file contained zero pages.
004 = Reprint (User ID: REPRUSRPF) was not authorized to archive the spooled file.
005 = An error occurred while interfacing to an OS/400 API.

```

The sample report shown above was produced using *Report type* *DETAIL and *Report scope* *ALLUSERS.

The Reprint History Analysis Report - By Spooled File

The Reprint History Analysis Report can be generated by selecting option 05 from the *Reprint Reports Menu* or by executing the **REPRTLIB/PRTRPHSPLF** command directly from any command line. This report lists all reprint activity by archived spooled file. This report is valuable in determining when and if each spooled file archive was reprinted. This report also identifies the user that requested each reprint.

Selecting option 05 from the *Reprint Reports Menu* will cause the **REPRTLIB/PRTRPHSPLF** command to be prompted. An example of the **REPRTLIB/PRTRPSPLF** command prompt screen is shown below. As you see, there are no parameters for this command. All reprint history is included on each report.

```
Print Reprint History By Splf (PRTRPHSPLF)

F3=Exit   F5=Refresh   F12=Cancel   F13=How to use this display   F24=More keys

No parameters to show; press Enter to run, F3 to exit.
```

Parameter Definitions

There are no parameters for this command.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Sample Report

RUN DATE: 10/07/02
 RUN TIME: 13:54:00

Your Company Name Here
 R E P R I N T
 Reprint History Analysis Report
 By Archived Spooled File

PGM: RPR330
 PAGE: 1

-- Spooled File -- Name	Number	Job Name	Created By User Name	Job #	Reprinted By User	Date	Reprint Time	Reprint Owned By	Current Location Of Reprinted Spooled File
ORDERRPG	1	ORDERRPG	QSYSOPR	019726	QSECOFR	10/03/02	9:23:11	QSYSOPR	Location Unknown
QPDSPLIB	4	DSP01	QSYSOPR	019681	QSYSOPR	9/25/02	13:59:52	QSYSOPR	Outq: QUSRSYS/PRT01
QPRINT	1	RLGTEWS01	AHERRINGTO	152902	QSECOFR	9/25/02	9:09:55	AHERRINGTO	Location Unknown
					QSECOFR	9/25/02	13:44:56	QSECOFR	Outq: QUSRSYS/PRT01
					QSECOFR	9/27/02	8:56:58	QSECOFR	Outq: QUSRSYS/PRT01
					QSYSOPR	9/27/02	8:59:40	QSYSOPR	Outq: QUSRSYS/PRT01
QPRINT	5	APCHECKS	QSYSOPR	153015	QSECOFR	9/25/02	9:17:21	QSYSOPR	Location Unknown
QSYSPRT	2	DSP01	QSECOFR	152579	QSECOFR	9/19/02	14:33:19	QSECOFR	No Longer On This System
					QSECOFR	9/26/02	16:39:47	QSECOFR	No Longer On This System
QSYSPRT	7	DSP01	QSECOFR	152579	QSECOFR	9/26/02	16:39:43	QSECOFR	No Longer On This System

*** End Of Report

The Reprint History Analysis Report - By Reprinting User

The Reprint History Analysis Report can be generated by selecting option 06 from the *Reprint Reports Menu* or by executing the **REPRTLIB/PRTRPHUSR** command directly from any command line. This report lists all reprint activity by reprinting user. This report is valuable in determining which users are utilizing *Reprint* to reprint spooled files and which spooled files they are reprinting.

Selecting option 06 from the *Reprint Reports Menu* will cause the **REPRTLIB/PRTRPHUSR** command to be prompted. An example of the **REPRTLIB/PRTRPHUSR** command prompt screen is shown below. The values provided for these parameters will determine the output produced.

```
Print Reprint History By User (PRTRPHUSR)

Type choices, press Enter.

Report type . . . . . *DETAIL          *ALL, *DETAIL, *SUMMARY
Report scope . . . . . *ALLUSERS       Name, generic*, *ALLUSERS

F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Parameter Definitions

Report type - This parameter determines whether a detailed or summary only report will be printed. Valid values are *DETAIL and *SUMMARY. If *DETAIL is specified, each reprint request in *Reprint's* history file is listed on the report. If *SUMMARY is specified, only the total number of reprint requests for each user is listed on the report.

Report scope - This parameter determines which user's reprint requests should be listed or summarized on the report. Valid values are a specific user name, a generic user name, and the special value *ALLUSERS. If a specific user name is entered, only that user's reprint requests will be included on the report. If a generic user name is entered, only reprint requests for users whose name match the generic value entered will be included on the report. If the special value *ALLUSERS is entered, all user's reprint requests will be included on the report.

Generic* values - A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, *Reprint* assumes that the character string is non-generic. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a reprint request is processed.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Sample Report

RUN DATE: 10/07/02	Your Company Name Here				PGM: RPR320																																																																																																
RUN TIME: 14:08:55	R E P R I N T				PAGE: 1																																																																																																
	Reprint History Analysis Report																																																																																																				
	By Reprinting User																																																																																																				
Report Type : Detail																																																																																																					
Report Scope: *ALLUSERS																																																																																																					
<table border="1"> <thead> <tr> <th>-- Spooled File --</th> <th>Created By</th> <th>Reprint</th> <th>Reprint</th> <th>Current Location</th> </tr> <tr> <th>Name</th> <th>User Name</th> <th>Date</th> <th>Owned By</th> <th>Of Reprinted Spooled File</th> </tr> </thead> <tbody> <tr> <td colspan="7">User Name: QSECOFR</td> </tr> <tr> <td>ORDERRPG</td> <td>QSYSOPR</td> <td>10/03/02</td> <td>QSYSOPR</td> <td>Location Unknown</td> </tr> <tr> <td>QPRINT</td> <td>AHERRINGTO</td> <td>9/27/02</td> <td>QSECOFR</td> <td>Outq: QUSRSYS/PRT01</td> </tr> <tr> <td>QSYSPT</td> <td>QSECOFR</td> <td>9/26/02</td> <td>QSECOFR</td> <td>No Longer On This System</td> </tr> <tr> <td>QSYSPT</td> <td>QSECOFR</td> <td>9/26/02</td> <td>QSECOFR</td> <td>No Longer On This System</td> </tr> <tr> <td>QPRINT</td> <td>AHERRINGTO</td> <td>9/25/02</td> <td>QSECOFR</td> <td>Outq: QUSRSYS/PRT01</td> </tr> <tr> <td>QPRINT</td> <td>QSYSOPR</td> <td>9/25/02</td> <td>QSYSOPR</td> <td>Location Unknown</td> </tr> <tr> <td>QPRINT</td> <td>AHERRINGTO</td> <td>9/25/02</td> <td>AHERRINGTO</td> <td>Location Unknown</td> </tr> <tr> <td>QSYSPT</td> <td>QSECOFR</td> <td>9/19/02</td> <td>QSECOFR</td> <td>No Longer On This System</td> </tr> <tr> <td colspan="7">** Totals For User: QSECOFR 8 Spooled Files Reprinted 0 Spooled Files Not Reprinted</td> </tr> <tr> <td colspan="7">User Name: QSYSOPR</td> </tr> <tr> <td>QPRINT</td> <td>AHERRINGTO</td> <td>9/27/02</td> <td>QSYSOPR</td> <td>Outq: QUSRSYS/PRT01</td> </tr> <tr> <td>QPDSPLIB</td> <td>QSYSOPR</td> <td>9/25/02</td> <td>QSYSOPR</td> <td>Outq: QUSRSYS/PRT01</td> </tr> <tr> <td colspan="7">** Totals For User: QSYSOPR 2 Spooled Files Reprinted 0 Spooled Files Not Reprinted</td> </tr> <tr> <td colspan="7">*** Report Totals 10 Spooled Files Reprinted 0 Spooled Files Not Reprinted</td> </tr> </tbody> </table>							-- Spooled File --	Created By	Reprint	Reprint	Current Location	Name	User Name	Date	Owned By	Of Reprinted Spooled File	User Name: QSECOFR							ORDERRPG	QSYSOPR	10/03/02	QSYSOPR	Location Unknown	QPRINT	AHERRINGTO	9/27/02	QSECOFR	Outq: QUSRSYS/PRT01	QSYSPT	QSECOFR	9/26/02	QSECOFR	No Longer On This System	QSYSPT	QSECOFR	9/26/02	QSECOFR	No Longer On This System	QPRINT	AHERRINGTO	9/25/02	QSECOFR	Outq: QUSRSYS/PRT01	QPRINT	QSYSOPR	9/25/02	QSYSOPR	Location Unknown	QPRINT	AHERRINGTO	9/25/02	AHERRINGTO	Location Unknown	QSYSPT	QSECOFR	9/19/02	QSECOFR	No Longer On This System	** Totals For User: QSECOFR 8 Spooled Files Reprinted 0 Spooled Files Not Reprinted							User Name: QSYSOPR							QPRINT	AHERRINGTO	9/27/02	QSYSOPR	Outq: QUSRSYS/PRT01	QPDSPLIB	QSYSOPR	9/25/02	QSYSOPR	Outq: QUSRSYS/PRT01	** Totals For User: QSYSOPR 2 Spooled Files Reprinted 0 Spooled Files Not Reprinted							*** Report Totals 10 Spooled Files Reprinted 0 Spooled Files Not Reprinted						
-- Spooled File --	Created By	Reprint	Reprint	Current Location																																																																																																	
Name	User Name	Date	Owned By	Of Reprinted Spooled File																																																																																																	
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ORDERRPG	QSYSOPR	10/03/02	QSYSOPR	Location Unknown																																																																																																	
QPRINT	AHERRINGTO	9/27/02	QSECOFR	Outq: QUSRSYS/PRT01																																																																																																	
QSYSPT	QSECOFR	9/26/02	QSECOFR	No Longer On This System																																																																																																	
QSYSPT	QSECOFR	9/26/02	QSECOFR	No Longer On This System																																																																																																	
QPRINT	AHERRINGTO	9/25/02	QSECOFR	Outq: QUSRSYS/PRT01																																																																																																	
QPRINT	QSYSOPR	9/25/02	QSYSOPR	Location Unknown																																																																																																	
QPRINT	AHERRINGTO	9/25/02	AHERRINGTO	Location Unknown																																																																																																	
QSYSPT	QSECOFR	9/19/02	QSECOFR	No Longer On This System																																																																																																	
** Totals For User: QSECOFR 8 Spooled Files Reprinted 0 Spooled Files Not Reprinted																																																																																																					
User Name: QSYSOPR																																																																																																					
QPRINT	AHERRINGTO	9/27/02	QSYSOPR	Outq: QUSRSYS/PRT01																																																																																																	
QPDSPLIB	QSYSOPR	9/25/02	QSYSOPR	Outq: QUSRSYS/PRT01																																																																																																	
** Totals For User: QSYSOPR 2 Spooled Files Reprinted 0 Spooled Files Not Reprinted																																																																																																					
*** Report Totals 10 Spooled Files Reprinted 0 Spooled Files Not Reprinted																																																																																																					

The sample report shown above was produced using *Report type* *DETAIL and *Report scope* *ALLUSERS.

The Configuration Analysis Report

The Configuration Analysis Report can be generated by selecting option 08 from the *Reprint Reports Menu* or by executing the **REPRTLIB/PRTCFGANA** command directly from any command line. This report lists all output queues defined to *Reprint* for monitoring. This report also lists all sets of spooled file criteria specified for each output queue being monitored by *Reprint*. This report is useful in determining which sets of spooled file criteria are being used effectively and which sets of spooled file criteria are not being used at all. Spooled file criteria that is not actively used by *Reprint* should be deleted for optimum performance.

Selecting option 08 from the *Reprint Reports Menu* will cause the **REPRTLIB/PRTCFGANA** command to be prompted. An example of the **REPRTLIB/PRTCFGANA** command prompt screen is shown below. As you see, there are no parameters for this command. All *Reprint* output queue entries and spooled file criteria are included on each report.

```
Print Config Analysis Report (PRTCFGANA)
```

```
F3=Exit   F5=Refresh   F12=Cancel   F13=How to use this display   F24=More keys
```

```
No parameters to show; press Enter to run, F3 to exit.
```

Parameter Definitions

There are no parameters for this command.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Sample Report

RUN DATE: 10/07/02
 RUN TIME: 15:03:38

Your Company Name Here
 R E P R I N T
 Configuration Analysis Report

PGM: RPR340
 PAGE: 1

Seq Nbr	Job Name	User Name	Sppl Name	Spooled File Criteria			Prtf Name	Prtf Lib	Retn Days	Usage Counter	Last Date	Used Time
Monitored Output Queue: QGPL/QPRINT												
10	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	7	0	10/03/02	18:16:26
** Totals For Output Queue: QGPL/QPRINT										0		

Monitored Output Queue: QGPL/QPRINTS												
10	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	7	0	10/03/02	18:16:21
** Totals For Output Queue: QGPL/QPRINTS										0		

Monitored Output Queue: QGPL/QPRINT2												
10	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	7	0	10/03/02	18:16:14
** Totals For Output Queue: QGPL/QPRINT2										0		

Monitored Output Queue: QUSRSYS/PRT01												
10	*ALL	QSYSOPR	*ALL	*ALL	Invoices	*ALL	*ALL	*ALL	7	0	10/03/02	18:16:30
20	*ALL	QSECOFR	*ALL	*ALL	Checks	*ALL	*ALL	*ALL	7	1	10/04/02	10:12:14
30	*ALL	QPGMR	QEZDEBUG	*ALL	*ALL	*ALL	*ALL	*ALL	7	0	10/04/02	9:33:18
** Totals For Output Queue: QUSRSYS/PRT01										1		

Monitored Output Queue: QUSRSYS/PRT02												
10	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	*ALL	7	0	10/03/02	18:16:36
** Totals For Output Queue: QUSRSYS/PRT02										0		

*** Report Totals										1		

The Exception Report

The Exception Report can be generated by selecting option 10 from the *Reprint Reports Menu* or by executing the **REPRTLIB/PRTEXCPT** command directly from any command line. This report lists all exceptions (spooled files that could not be archived) and explains why the exception occurred. This report can be used to verify the reliability and effectiveness of *Reprint* in your environment.

Possible reasons for exceptions include:

- a. Spooled file processing completed before the spooled file could be archived
- b. The spooled file contained zero pages
- c. *Reprint* (User ID: REPRTUSRPF) was not authorized to archive the spooled file
- d. An error occurred while using an OS/400 print API

Selecting option 10 from the *Reprint Reports Menu* will cause the **REPRTLIB/PRTEXCPT** command to be prompted. An example of the **REPRTLIB/PRTEXCPT** command prompt screen is shown below. The values provided for these parameters will determine the output produced.

```
Print Reprint Exception Report (PRTEXCPT)

Type choices, press Enter.

Report From date . . . . . _____ Date
      Through date . . . . . _____ Date

                                                                    Bottom
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

Parameter Definitions

Report From date - This parameter indicates the beginning of the date range to be used when selecting exceptions to include on the report. Valid values are blanks and a date. If blanks are specified, only exceptions occurring on the current day will be included on the report. If a date is specified, exceptions are included on the report only if they occurred on or after the date specified here, and on or before the date specified for the *Report Through date* parameter.

Report Through date - This parameter indicates the end of the date range to be used when selecting exceptions to include on the report. Valid values are blanks and a date. If blanks are specified, only exceptions occurring on the current day will be included on the report. If a date is specified, exceptions are included on the report only if they occurred on or before the date specified here, and on or after the date specified for the *Report From date* parameter.

Note: When entering dates, the year can be specified with either 2 digits or 4 digits. If a 2-digit year is specified, the date is assumed to be in the range of January 1, 1940 through December 31, 2039. If a 4 digit year is specified, the date may be in the range of August 24, 1928 through May 9, 2071. The date must be entered in your job's date format.

Function Keys

As this is an AS/400 system panel, function key documentation may be obtained by placing the cursor in the function key area of the screen and pressing the **HELP** key.

Sample Report

```

RUN DATE: 10/07/02                               Your Company Name Here          PGM: RPR355
RUN TIME: 15:39:36                               R E P R I N T                    PAGE: 1
                                               Exception Report

Report Scope:  1/01/02 - 12/31/02

Except  -- Spooled File --  ----- Created By -----  --- Creation ---
Time    Name                Number Job Name  User Name  Job #   Date    Time    User Data  Forms Type  Exception Desc
-----
Date:   9/21/02

20:22:45 QPRINT                4  RLGTEWS01 AHERRINGTO 152870  9/21/02 20:22:44 OPD150    DELVRYTKTS Sp1f Already Proces
3:58:34  QPRINT                3  RLGTEWS01 RLEITAKER  152848  9/21/02 3:58:33  OPD150    DELVRYTKTS Sp1f Already Proces

** Total Exceptions On 9/21/02                2 Spooled Files Not Archived

Date:   9/20/02

22:28:10 QPRINT                5  RLGTEWS01 AHERRINGTO 152822  9/20/02 22:28:09 OPD150    DELVRYTKTS Sp1f Already Proces
12:02:46 QPRINT               18  RLGTEWS01 ESCHLETTE  152691  9/20/02 12:02:45 OPI040    DELVRYTKTS Sp1f Already Proces
12:01:46 QPRINT               17  RLGTEWS01 ESCHLETTE  152691  9/20/02 12:01:45 OPD150    DELVRYTKTS Sp1f Already Proces
11:29:27 QPRINT               16  RLGTEWS01 ESCHLETTE  152691  9/20/02 11:29:26 OPD150    DELVRYTKTS Sp1f Already Proces
11:00:36 QPRINT                1  PRELYDSHT JCAREY    152756  9/20/02 11:00:34 YSD020    1MGB       Sp1f Already Proces
10:41:18 QPRINT                1  PRELYDSHT JCAREY    152753  9/20/02 10:41:15 YSD020    1MGB       Sp1f Already Proces
9:12:41  QPRINT                1  PRELYDSHT TMERRITT  152722  9/20/02 9:12:39  YSD020    1MGB       Sp1f Already Proces

** Total Exceptions On 9/20/02                7 Spooled Files Not Archived

*** Report Totals                            9 Spooled Files Not Archived

```

The sample report shown above was produced using *Report From date* 01/01/02 and *Report Through date* 12/31/02.

Reprint Commands

In the following paragraphs, each command provided with Reprint is described in detail. The intended use for each command is also given.

The REPRINT Command

The **REPRINT** command is the user interface to *Reprint* for the normal (non-system administrator) user. This command allows users to work with their spooled file archives that have been produced by *Reprint*. Spooled file archives can be viewed, selected for reprint, and/or deleted from the *Reprint* Directory of Archives. Users may also review the reprint history for any of their spooled file archives.

Parameters:

For simplicity and security purposes, this command has no parameters.

The STRREPRINT Command

The **STRREPRINT** command is the user interface to *Reprint* for *Reprint* System Administrators. Executing this command causes the *Reprint Main Menu* to be displayed. The *Reprint Main Menu* provides access to all of *Reprint*'s system administration functions. These functions include:

- Assigning *Reprint* System Defaults
- Defining which output queues should be monitored by *Reprint* and which spooled files should be archived from those output queues
- Starting and stopping the *Reprint* Output Queue Monitor
- Working with *Reprint*'s History and Archive files
- Accessing the *Reprint Reports Menu*

The **STRREPRINT** command and the *Reprint Main Menu* and its options are only available to the Security Officer (QSECOFR) and *Reprint* System Administrators.

Parameters:

There are no parameters for this command.

The CHGAUTRPSA Command

The **CHGAUTRPSA** command allows the Security Officer (QSECOFR) to add and remove authorized *Reprint* System Administrators. By default, this command is only available to the Security Officer. It is our recommendation that, for security purposes, you leave this limitation in place.

Limiting access to this command, helps maintain a secure environment by preventing unauthorized access to sensitive spooled file data. Via the *Reprint Main Menu*, *Reprint* System Administrators have access to view and possibly reprint all spooled file archives. Therefore, you should use care and caution in selecting your *Reprint* System Administrators.

Parameters:

User ID - This parameter identifies the user that will be added or removed as a *Reprint* System Administrator. Valid values are a specific user name and the special value *ALL. If a specific user name is entered, that user will be given or have taken away system administrator access to *Reprint*. If the special value *ALL is entered, all users will be given or have taken away system administrator access to *Reprint*.

Note: While the option is available, we DO NOT recommend giving all users system administrator access to *Reprint*.

Action to take - This parameter indicates whether the user should be added or removed as a Reprint System Administrator. Valid values are *ADD and *REMOVE. If *ADD is specified, the user name entered for the *User ID* parameter will be given system administrator access to *Reprint*. If *REMOVE is specified, the user name entered for the *User ID* parameter will have system administrator access to *Reprint* revoked.

The STRRPMON Command

The **STRRPMON** command provides a method of starting the *Reprint* Output Queue Monitor without having to use the *Reprint Main Menu*. This command can also be used in a CL program and/or job scheduler to automate the starting of the *Reprint* Output Queue Monitor.

Parameters:

There are no parameters for this command.

The ENDRPMON Command

The **ENDRPMON** command provides a method of ending the *Reprint* Output Queue Monitor without having to use the *Reprint Main Menu*. This command can also be used in a CL program and/or job scheduler to automate the ending of the *Reprint* Output Queue Monitor.

Parameters:

There are no parameters for this command.

The PRTDSKUSG Command

The **PRTDSKUSG** command causes the *Reprint* Disk Usage Analysis Report to be produced. This report can be used to monitor the amount of disk space being used by each user's spooled file archives. Statistical information as well as total disk space used by *Reprint* is provided in this report.

Parameters:

Report type - This parameter determines whether a detailed or summary only report will be printed. Valid values are *DETAIL and *SUMMARY. If *DETAIL is specified, all spooled file archives are listed on the report. If *SUMMARY is specified, only the total disk space used by each user's spooled file archives is listed on the report.

Report scope - This parameter determines which user's spooled file archives should be listed or summarized on the report. Valid values are a specific user name, a generic user name, and the special value *ALLUSERS. If a specific user name is entered, only that user's spooled file archives will be included on the report. If a generic user name is entered, only spooled file archives for users whose name match the generic value entered will be included on the report. If the special value *ALLUSERS is entered, all user's spooled file archives will be included on the report.

Generic* values - A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, *Reprint* assumes that the character string is non-generic. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spooled file archive is processed.

The **PRTDIRANA** Command

The **PRTDIRANA** command causes the *Reprint* Directory Analysis Report to be printed. This report can be used to determine which and/or how many spooled file archives currently exist in the *Reprint* Directory of Archives for each user.

Parameters:

Report type - This parameter determines whether a detailed or summary only report will be printed. Valid values are *DETAIL and *SUMMARY. If *DETAIL is specified, each spooled file archive in *Reprint*'s Directory of Archives is listed on the report. If *SUMMARY is specified, only the total number of spooled file archives in *Reprint*'s Directory of Archives for each user is listed on the report.

Report scope - This parameter determines which user's spooled file archives should be listed or summarized on the report. Valid values are a specific user name, a generic user name, and the special value *ALLUSERS. If a specific user name is entered, only that user's spooled file archives will be included on the report. If a generic user name is entered, only spooled file archives for users whose name match the generic value entered will be included on the report. If the special value *ALLUSERS is entered, all user's spooled file archives will be included on the report.

Generic* values - A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, *Reprint* assumes that the character string is non-generic. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spooled file archive is processed.

The **PRTDELHANA** Command

The **PRTDELHANA** command causes the *Reprint* Deletion History Analysis Report to be printed. This report can be used to determine which and/or how many spooled file archives currently exist in the *Reprint* Deletion History file for each user.

Parameters:

Report type - This parameter determines whether a detailed or summary only report will be printed. Valid values are *DETAIL and *SUMMARY. If *DETAIL is specified, each spooled file archive in *Reprint*'s Deletion History is listed on the report. If *SUMMARY is specified, only the total number of spooled file archives in *Reprint*'s Deletion History for each user is listed on the report.

Report scope - This parameter determines which user's spooled file archives should be listed or summarized on the report. Valid values are a specific user name, a generic user name, and the special value *ALLUSERS. If a specific user name is entered, only that user's spooled file archives will be included on the report. If a generic user name is entered, only spooled file archives for users whose name match the generic value entered will be included on the report. If the special value *ALLUSERS is entered, all user's spooled file archives will be included on the report.

Generic* values - A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, *Reprint* assumes that the character string is non-generic. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a spooled file archive is processed.

The PRTRPHSPLF Command

The **PRTRPHSPLF** command causes the *Reprint* History Analysis Report by archived spooled file to be printed. This report can be used to determine how many times an archived spooled file has been reprinted, who requested each reprint, and when each reprint was performed.

Parameters:

There are no parameters for this command.

The PRTRPHUSR Command

The **PRTRPHUSR** command causes the *Reprint* History Analysis Report by reprinting user to be printed. This report can be used to determine how often a user is reprinting spooled files and which spooled files are being reprinted.

Parameters:

Report type - This parameter determines whether a detailed or summary only report will be printed. Valid values are *DETAIL and *SUMMARY. If *DETAIL is specified, each reprint request in *Reprint*'s history file is listed on the report. If *SUMMARY is specified, only the total number of reprint requests for each user is listed on the report.

Report scope - This parameter determines which user's reprint requests should be listed or summarized on the report. Valid values are a specific user name, a generic user name, and the special value *ALLUSERS. If a specific user name is entered, only that user's reprint requests will be included on the report. If a generic user name is entered, only reprint requests for users whose name match the generic value entered will be included on the report. If the special value *ALLUSERS is entered, all user's reprint requests will be included on the report.

Generic* values - A generic value is a character string that contains one or more characters followed by an asterisk (*). If an asterisk is not specified with the character string, *Reprint* assumes that the character string is non-generic. When a generic value is specified, only characters preceding the asterisk are used to determine whether or not a reprint request is processed.

The PRTCFGANA Command

The **PRTCFGANA** command causes the *Reprint* Configuration Analysis Report to be printed. This report is useful in determining which sets of spooled file criteria are being used effectively and which sets of spooled file criteria are not being used at all. Spooled file criteria that is not actively used by *Reprint* should be deleted for optimum performance.

Parameters:

There are no parameters for this command.

The PRTEXCPT Command

The **PRTEXCPT** command causes the *Reprint* Exception Report to be printed. This report can be used to determine which spooled files, if any, were not archived by *Reprint* and why they were not archived.

Parameters:

Report From date - This parameter indicates the beginning of the date range to be used when selecting exceptions to include on the report. Valid values are blanks and a date. If blanks are specified, only exceptions occurring on the current day will be included on the report. If a date is specified, exceptions are included on the report only if they occurred on or after the date specified here, and on or before the date specified for the *Report Through date* parameter.

Report Through date - This parameter indicates the end of the date range to be used when selecting exceptions to include on the report. Valid values are blanks and a date. If blanks are specified, only exceptions occurring on the current day will be included on the report. If a date is specified, exceptions are included on the report only if they occurred on or before the date specified here, and on or after the date specified for the *Report From date* parameter.

Note: When entering dates, the year can be specified with either 2 digits or 4 digits. If a 2-digit year is specified, the date is assumed to be in the range of January 1, 1940 through December 31, 2039. If a 4 digit year is specified, the date may be in the range of August 24, 1928 through May 9, 2071. The date must be entered in your job's date format.

TECHNICAL INFORMATION

Reprint Library Size (approx.)	RISC - 35 MB
Menus Used	REPRTLIB/RPMENU REPRTLIB /RPMENUR
Permanent Physical Files Used	REPRTLIB /HLPDF00P REPRTLIB /HLPTX00P REPRTLIB /RPDIR REPRTLIB /RPDELHST REPRTLIB /RPRSTHST REPRTLIB /RPOQM REPRTLIB /RPSFM
Temporary Physical Files Used	REPRTLIB /OUTQWRKF REPRTLIB /RPRPTF01 REPRTLIB /RPRPTF02 REPRTLIB /RPRPTF03 REPRTLIB/USRSPCWRKF
Message Files Used	REPRTLIB/RPMSGF
Data Areas Used	REPRTLIB/SYSDFT
Commands Used	REPRTLIB/REPRINT REPRTLIB/STRREPRINT REPRTLIB/STRRPMON REPRTLIB/ENDRPMON REPRTLIB/ CHGAUTRPSA REPRTLIB / PRTDSKUSG REPRTLIB / PRTDIRANA REPRTLIB / PRTDELHANA REPRTLIB / PRTCFGANA REPRTLIB / PRTEXCPT
Display Files	21
RPG Programs	23
CL Programs	50
Source Code	Not available

Reprint uses an external message file containing over 125 messages. Most messages have second level text explaining in more detail what caused the message. Second level text may be read by placing the cursor on the message, and pressing the **HELP** key.

SPECIAL CONSIDERATIONS

Recreating Objects

When recompiling *Reprint* display files for any reason, the file HLP900DF must be compiled with the compiler option RSTDSP(*NO). All other display files must be compiled with the compiler option RSTDSP(*YES).



REPRINT

License Transfer Request

Company name _____

Address _____

Contact name _____ Telephone _____

Signature _____ Date _____

REPRINT Release _____ (upper right hand corner of any REPRINT menu)

Transfer: From CPU serial number _____

To CPU serial number _____

Instructions:

To transfer your *Reprint* license from one AS/400 to a different AS/400, simply complete a copy of this form and fax or mail it to WorksRight Software, Inc. WorksRight Software, Inc.'s fax number is (601) 856-9432.

Upon receipt of the completed form, WorksRight Software, Inc. will contact you with a permanent security code for the new AS/400.

Terms:

Your *Reprint* license may be transferred from one AS/400 to another AS/400 under the following terms:

- *Reprint* must be removed from the original AS/400 within 30-days of the transfer request being honored.
- Both the original AS/400 and the new AS/400 must be owned by the company identified on the transfer request.
- The *Reprint* license may only be transferred once during any six-month period.
- All terms of the original Program License Agreement are transferred to the new AS/400.

License transfer requests that do not meet the terms above may be subject to additional charges. You will be notified of any additional charges before the transfer request is honored.