

Chapter 7

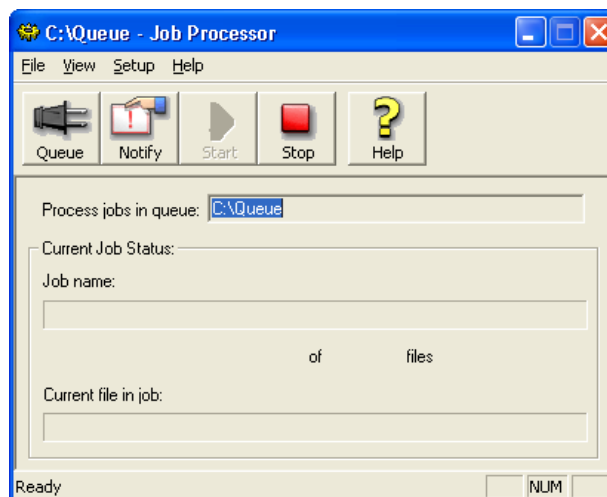
The Job Processor

The Job Processor converts image files to the PlotWorks proprietary file format, Performance Graphics Standard (PGS). In addition, the Processor uses Error Free Printing to detect and correct common job errors.

The Job Processor automatically processes jobs as they enter the Queue. Once processed, jobs can be sent to the printer for high-speed output.

The Job Processor Window

*Fig 7.1
Job
Processor*



The Job Processor now has a tool bar to make common functions previously located in menus more accessible. The following buttons make up the Job Processor tool bar:



Queue: Opens the Select Queue Directory to Process dialog box used to select a Job Queue. The Job Processor monitors this Queue and processes incoming jobs automatically.



Notify: Opens the Error Notification Options dialog box. See “Setup Error Notification Options” on page 7-5.



Start: Begins processing files from the Job Queue.



Stop: Stops processing files from the Job Queue.



Help: Opens the online manual to the Job Processor chapter

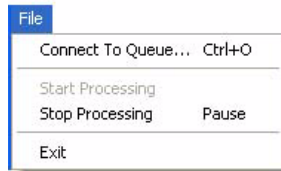
The following fields appear on the Job Processor window:

- **Process jobs in queue:** Displays the path to the Job Queue that is being processed.
- **Job name:** Displays the Job ID number and description (from the Job # and Description fields in the Job Queue).
- **Job progress bar** (beneath the Job Name field): Shows the percentage of the current job that has been processed for the Job Name.
- **__ of __ files:** Displays the number of the current file and the total number of files in the job. For example:
3 of 7 files
means that the program is processing the third of seven image files in the job.
- **Current file in job:** Displays the name of the image file currently being processed.
- **File progress bar:** Shows the percentage of the current image that has been processed for the Current File in the Job.

The File Menu

The File menu contains options to connect to a Queue and process jobs.

Fig 7.2
Job
Processor
File menu

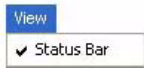


The following options are available under the File menu:

- **Connect to Queue...:** Connects the Job Processor to the selected Job Queue. The Job Processor monitors this Queue and processes incoming jobs automatically.
- **Start Processing:** Begins processing files from the Job Queue.
- **Stop Processing:** Stops processing files from the Job Queue.
- **Exit:** Quits the application.

The View Menu

Fig 7.3
Job
Processor
View menu

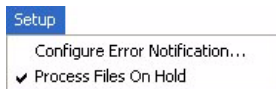


The following option is available under the View menu:

- **Status Bar:** Lets you hide or show the status bar.

The Setup Menu.

Fig 7.4
Job
Processor
Setup menu



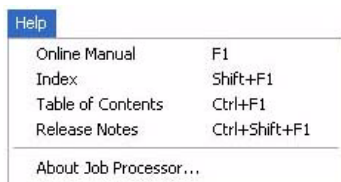
The following options are available under the Setup menu:

- **Configure Error Notification:** Selecting this menu item displays the Error Notification Options dialog box. See “Setup Error Notification Options” on page 7-5.
- **Process Files on Hold:** Select this option to process files in the Job Queue that are on hold. Selecting this option enables the job to print faster when you are ready to print.

The Help Menu

The Help menu contains information about the Job Processor and its use.

*Fig 7.5
Job
Processor
Help menu*



- **Online Manual:** Opens the online manual to the Job Processor chapter
- **Index:** Displays the index of help topics
- **Table of Contents:** Displays the table of contents for the online manual
- **Release Notes:** Displays late-breaking product enhancements and documentation changes.
- **About:** Displays program version and copyright information

Setting Up the Job Processor

Connect to a Queue

The Job Processor monitors a Job Queue and automatically processes any jobs submitted to that Queue. When you installed the software, you were prompted to create a Queue directory. By default, the Job Processor is connected to this Queue.

If you did not specify a Queue directory during installation, the Job Processor prompts you to do so when you run the application for the first time. If you want to use a different Job Queue, you must connect the Job Processor to the appropriate Queue directory.



To connect to a Queue:

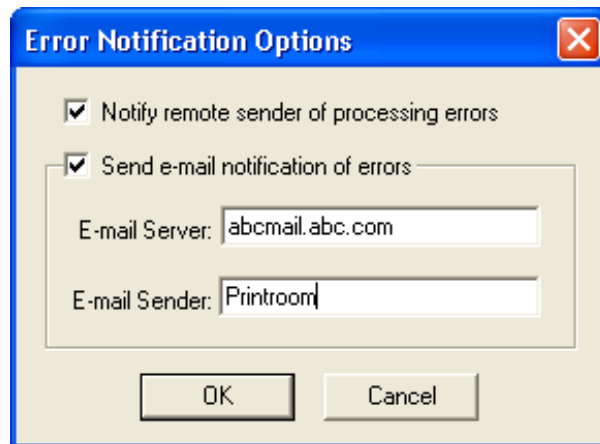
1. Open the **File** menu and select **Connect to Queue** or click on the **Queue** button on the toolbar. The Select Queue Directory to Process window opens.
2. Select the Queue directory in the scrollable window.
3. Click **OK**. The Job Processor monitors the selected Queue for incoming jobs.



Setup Error Notification Options

1. Click on the **Notify** button or select Configure Error Notification from the Setup menu. The Error Notification Options dialog box opens.

*Fig 7.6
Error
Notificati-
on Options
Dialog
Box*



- Select the check box labeled **Notify remote sender of processing error**, if you want to notify the remote sender, via a Windows messenger dialog box, if a processing error occurs.



- Select the check box labeled **Send e-mail notification of errors**, if you want to send an e-mail, instead of the of Windows messenger dialog box, when a processing error occurs. Selecting this check box activates the **E-mail Sender** and **E-mail Server** text boxes. The e-mail can be sent to either the job submitter or the print hub administrator. The e-mail address can be specified in the Network Polling Directory level default PFS file or in the Incoming PFS file. See Appendix D for information on how to add e-mail addresses to the PFS file.
- In the text box labeled **E-mail Sender**, enter the name that you want to have appear in the 'From' portion of an error notification e-mail. PLP recommends that long e-mail, or multiple e-mails not be entered in this field. Long e-mails will over write the contact information in the Job Queue.
- In the text box labeled **E-mail Server**, enter the name of the mail server that will handle the error notification e-mail.

Running the Job Processor

Start and Stop Processing

To Start Processing Jobs in the Queue:



1. Be sure that you are connected to the appropriate Queue. The Job Queue path is displayed in the field titled Process Jobs in Queue.
2. Click on the **Start** button.

To Stop Processing:

- Open the **File** menu and select **Stop Processing** or click on the **Stop** button.



*When you open the Job Processor, it retains the processing status it held when you last quit the application. For example, if you select **Start Processing** before exiting the program, it will automatically start processing the next time it is opened.*

Run Processing in the Background

All jobs must be processed before they can be printed. Therefore, either the Job Processor must be running at all times, or the Job Editor or Client must be configured to “Send original and PGS files” or “Send PGS files only.” If you close the Job Processor window, processing stops and you will be unable to print files that have not been preprocessed. However, you can minimize the Job Processor window so that it runs in the background, without taking up space on your screen.

To Minimize the Job Processor Window:



- Click the **Minimize** button on the upper-right side of the window. The window will be reduced to a button on the taskbar and/or the system tray. To restore the Job Processor window, select it on the taskbar and/or the system tray.

View Processing Log

Whenever a job is processed, the Job Processor creates a log file that lists the images processed and any warnings or errors that occurred. You can access this log from within the Job Queue.

To view the Processing Log:

1. Open or activate the Job Queue.
 2. Right-click on the job whose log you want to see. This will open the **Job** menu.
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3. Select **View**.
4. Select **Processing Log** to display the log file.
5. When you have finished viewing the log, select **Exit** from the **File** menu in Notepad.