



Fiery Driver for Linux OS

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Fiery Driver for Linux OS

Fiery Driver lets your applications communicate with your Fiery server and print documents.

For information about specific Fiery Driver print settings and print options, see *Printing*, which is part of the user documentation set.

Install Fiery Driver 2.0.x for Linux

The Fiery Driver installer package is distributed as a tar.xz file, and is named `ProductName.tar.xz`, where "Product Name" is the name of the Fiery server. When the tar.xz file is downloaded, you can extract the tar.xz package using command-line functions in the Terminal application. You can also open the tar.xz package using the archive manager installed on your computer.

The Fiery Driver on Linux OS can be installed by the following method:

- 1 Download the `ProductName.tar.xz` onto the Linux client computer and then extract the contents in one of the following ways:
 - Open the Terminal application and type `$ tar -xvf ProductName.tar.xz`
 - Right-click and open the `ProductName.tar.xz` with your installed archive manager.

When you extract the tar.xz file, the `Fiery_Printer_Driver` folder is created at the same location. The `Fiery_Printer_Driver` folder contains the printer driver installation files.

- 2 Open the Terminal application.
- 3 Change your working directory to the `Fiery_Printer_Driver` folder.
- 4 Type `$sudo ./install.sh`
- 5 Type your password when prompted.

Note: You must be the administrator or a user with Administrator privileges to install printer drivers.

The Fiery Driver files will be copied to the destination folders on the Linux OS. When the installation is complete, you will be prompted to create a print queue. For more information, see [Configuring a print queue](#) on page 5.

Configuring a print queue

After you install the Fiery Driver, you will be prompted to create a print queue. Creating a print queue is optional and you can type `n` in the command line to end the process.

Note: The Fiery Driver installer must be started again using `$sudo ./install.sh` to create a print queue at a later time.

You can install a print queue using one of the following methods:

- The Fiery Driver installer. It is recommended to use the Fiery Driver installer to create a print queue. For more information, see [Add a print queue with the Fiery Driver installer](#) on page 6.
- The Print Manager GUI. For more information, go to [Setting Up Printers by Using CUPS Print Manager](#).
- The CUPS web interface. For more information, go to <http://localhost:631/>.
- The **lpadmin** command. For more information, go to <https://www.cups.org/doc/man-lpadmin.html>.

Add a print queue with the Fiery Driver installer

You can add a print queue with the Fiery Driver installer after installing the Fiery Driver.

- 1 Install the Fiery Driver. (See [Install Fiery Driver 2.0.x for Linux](#) on page 5.)
- 2 Type **y** when a message prompts you to create a print queue.
- 3 Type the IP address of your Fiery server.
- 4 Type the name of the printer that was provided at the time of the installation.
You can use the **lpadmin** command to confirm the name of the printer.
- 5 Select your printer model from the list and type the Fiery server name.

Note: The Fiery server name is case-sensitive. Type the Fiery server name exactly as shown. You can also copy and paste the Fiery server name.

The desired print queue will be added to the Fiery server. To view the print queue, open a browser window and go to <http://localhost:631/>.

Uninstall the Fiery Driver

You can uninstall the Fiery Driver using a command-line function.

Uninstall Linux OS printer drivers

You can use the Terminal application to remove a printer and corresponding printer driver with command-line functions on Linux OS.

- 1 Open the Terminal application.
- 2 Type **sudo ./uninstall.sh**

Open Printing preferences

Printing preferences allows you to set a variety of print options.

- 1 In the **Fiery Print** window, select your desired Fiery server from the list.
- 2 Click **Browse** and select a file.
After you select a file, the file path appears in the **File Name** field.
- 3 Click **Preferences**.

View and change print settings

Printing preferences contains frequently used print settings that are specific to the printer. **Printing preferences** groups the print settings into tabs, which vary by printer.

Note: Some utilities such as Command WorkStation can override print settings for a job. For more information, see *Fiery Command WorkStation Help*.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 Select the desired print settings for the job.

Use Fiery Driver to set options installed on a printer

To use the print options for the printer and the Fiery server appropriately, you must configure your computer to match the options installed on the printer. If you create a printer with the Fiery Printer Driver Installer, the installed options are configured automatically.

Change options installed on a printer with Fiery Driver

You must use Fiery Driver to edit the installed options on the printer.

- Set the options that are installed at the printer.

Use Two-Way Communication to view printer status

The Fiery Driver for Linux always has **Two-Way Communication** turned on. Two-Way Communication is used to retrieve the printer status, **Color** settings, paper catalog entries, Freeform, and other information from the Fiery server, and display them in the Fiery Driver.

The following conditions apply:

- There must be a connection to a valid Fiery server over the network.
- The Fiery server must support ColorWise settings.
- Printer status includes the current paper and toner levels.

Note: You can use Color Setup in Command WorkStation to set the ColorWise settings on the Fiery server.

For information about ColorWise print options, see *Color Printing*, which is part of the user documentation set.

Fiery Driver groups

The Fiery Driver groups print options by categories for easy access. Each group or tab contains print options that are related or complement each other.

- **Quick Access** - Contains duplicate print options from the other job properties groups. It is customizable, so any print option can be added or removed from the view. **Quick Access** tab lets you find print options quickly without browsing through all of the Job Properties tabs.
- **Job Info** - All information about the job, including user information that may be required for user authentication and job handling.
- **Media** - Attributes and sources of paper to print and insert.
- **Layout** - Defines the imposition of the print job and the booklet process on the media/sheet, except for positioning that compensates for finishing options, for example, **Tray Alignment**.
- **Color** - Color settings and graphic arts features (when turned on). This tab does not appear when you connect to a black-and-white printer.
- **Image** - All Image Quality settings supported by the connected Fiery server and printer.
- **Finishing** - Print options related only to finishing equipment on the printer. These options override settings in Fiery server **Printer Setup** but can be changed from Command WorkStation.
- **VDP** - All Variable Data Printing (VDP) settings, such as **FreeForm** and advanced VDP settings.
- **Stamping** - All image stamping options that add or hide any image on the job. This also includes watermark properties that define the placement and style of the watermark.
- **Printer** - Information about printer status that includes the current paper and toner levels.

Note: Two-Way Communication for your printer must be turned on for the **Printer** tab information to be updated.

Customize the Quick Access view

The **Quick Access** view, an area under **Preferences**, can be customized with print options that you use frequently. This saves time because you do not have to open all of the other print options icons to set the options that you placed in the **Quick Access** view.

When you place a print option in the **Quick Access** view, it still appears under its original print option icon. You can set the option from either location.

Quick Access does not support print options, such as **Mixed media** on the **Media** tab, that open in a new window when you select them.

All print options in the **Quick Access** pane are outside the printer driver Job Properties. If you select them, they override any preset already selected. If you apply a preset, and have changed any settings in the **Quick Access** pane (except copies), the preset name resets to blank.

- 1 In your application, click **File > Print** and click the Fiery server as your printer.
- 2 Select **Preferences** in the drop-down list.
- 3 Click **Customize** to set the options that appear in the **Quick Access** pane.
- 4 Add or remove a shortcut by selecting one and moving it from the **Available Shortcuts** list to/from the **Current Shortcuts** list.

Note: The **Quick Access** view cannot be empty. If you remove all options from **Quick Access**, it reverts to the default group of options.

- 5 Click **OK** to save your changes.

Presets in Fiery Driver

A preset is a collection of print settings in the Fiery Driver that you can access at a later time.

The following job preset is available in the Fiery Driver:

- **Factory Default** – Reverts all print settings to their default values. The preset is available in the Fiery Driver by default.

Work with presets in Fiery Driver

You can create, edit, and delete presets. You can also revert to the default settings for a preset.

Note: The Presets file format is either .sav or .xml. For an .sav file, each preset is an individual file. For an .xml file, all presets are in a single file. The Presets file is created specifically to a user.

Create a preset in Fiery Driver

You can create a preset that contains commonly used print settings.

You save the preset on your local computer, and you cannot share it with others.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 Specify the print settings as desired.
- 3 From the **Presets** list, select **Save Preset**.
- 4 Type a descriptive name for the preset, and click **Save**.

Use a preset to print a job in Fiery Driver

The **Printing preferences** window shows which, if any, presets are available for all print jobs.

Some applications, such as Text Editor, reset the settings to their default values whenever you print a job and re-launch the Fiery Driver window.

Note: The Preset feature that appears on the application's **Print** window uses the same preset until you change it, regardless of the application.

Note: You cannot share presets between different Fiery servers.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 From the **Presets** list, select a preset.

Edit a preset in Fiery Driver

A preset includes most print options that you set in the **Printing preferences** window. If you override a setting in the **Printing preferences** window after choosing a preset, the value in the **Presets** field becomes blank.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 From the **Presets** list, select the preset that you want to edit, and change the print settings.
- 3 Select **Save Preset** from the **Presets** list.
- 4 Type the same preset name, and click **Save**.

Delete or rename a preset in Fiery Driver

You can delete or rename a preset with the **Manage Local Presets** feature in Fiery Driver.

Note: To delete a preset, the preset must be unused.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)

- 2 From the **Presets** list, select **Manage Local Presets**.
- 3 Select the preset, and do one of the following:
 - To delete a preset, click **Delete**.
 - To rename a preset, click **Rename**, type a descriptive name for the preset, and then click **Save**.

Revert to the default preset in Fiery Driver

You can apply the default preset to a job to revert the print options to their default settings.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 From the **Presets** list, select **Factory default**.
- 3 Click **OK** in the **Printing Preferences** window.

Use watermarks in Fiery Driver

The Watermark feature of Fiery Driver allows you to print text (independent of that provided by the printing application) across the first page or on every page of a document.

You can define, save, and use the watermark definitions for all Fiery server printers and all documents. You can also specify watermark settings when you print a document.

Note: Not all applications support watermark printing. Not all fonts, such as certain Chinese fonts, are printed in watermarks.

Create, edit, and delete watermarks

You can create, edit, and delete watermarks. You can set the properties of the watermark.

A preview box displays a thumbnail of the page that shows the approximate text, angle, and position of the watermark relative to the center.

The preview displays the actual text but does not display multiple fonts. The preview does not change with every font selection and displays only the fonts supported by your operating system, not the fonts installed on the Fiery server.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 Click the **Stamping** icon.
- 3 Do one of the following:
 - To create your own watermark, click **New**.
 - To modify a standard watermark, select it from the pull-down menu, and click **Edit**.
 - To remove a watermark from the list, select it from the pull-down menu, click **Delete**, and then click **Yes**.

4 To create a new or edit an existing watermark, do the following:

- Specify the text, font, and size. (The text style is part of the font selection.)
- In the **Angle** area, specify the angle of the watermark by entering a number of degrees to rotate or dragging a corner of the watermark.
- In the **Position** area, specify the position of the watermark relative to the center of the page. You can center the watermark automatically, or specify values for the horizontal and vertical positions of the center of the watermark relative to the pages' center. (You can also drag the center of the watermark.)
- Set the color or shade of gray for the watermark.

For color printers, enter values in the **Color** area. For black-and-white printers, enter values for a percentage of gray in the **Darkness** area.

Print a job with a watermark

Watermarks are specific to a printer. You can set a watermark to print across the first page or on every page of a document. If you do not specify the watermark to print on the first page only, then every page in the document receives a watermark.

- Specify the print settings as desired, and then print the document.

Enter login information

If the Fiery server requires user authentication for printing, you must enter your user name and password when you use to print.

- 1** Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2** Click the **Job Info** icon and expand **User authentication**.
- 3** Type your user name and password in the fields.
- 4** Specify the print settings as desired, and then print the document.

Work with custom paper sizes in Fiery Driver

With custom paper sizes, you define the dimensions of a printed page. After you define a custom paper size, you can use it from within an application without redefining it each time you print.

For custom paper sizes, **Width** corresponds to the shorter side and **Height** corresponds to the longer side of your job. Set custom paper sizes in this way, regardless of the orientation settings in the application.

Define or edit a custom paper size

You can define or edit the custom document size or input size for the job.

Document size is the digital *input* (the page size defined in your original document) and the output paper size is the physical *output* (the actual size of the paper in the printer tray).

The Fiery Driver sets the output **Paper size** option to the **Document size** option setting by default. It does not matter whether you are printing one document page or multiple document pages on a single sheet of paper.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 Click the **Media** icon.
- 3 Under the **Paper size** menu, click **Custom**.
- 4 Set these options for custom paper size:
 - **Dimensions** - Specify the width and height of the document or print job.
 - **Unit** - Select a unit of measurement for the document or print job.

Print a job with custom paper sizes

You can print a job with a custom paper size.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 Click the **Media** icon.
- 3 From the **Paper size** menu, select the custom paper size.
- 4 From the **Paper source** (or **Input tray**) menu, click the paper tray that contains the custom paper size for the job.
The tray selection is valid for the current job only.
- 5 Specify the print settings as desired, and then print the document.

Use Image Shift

Image Shift affects the offsetting of the image for the entire job, not on a per-page-basis.

However, you can specify alignment settings for the front (odd) and back (even) pages. **Image Shift** can prevent the image from being clipped.

Note: **Image Shift** is not supported for Booklet Maker and Gang-up printing.

In general, **Image Shift** is useful to:

- Correct for the printer's paper path not being centered.
- Align content with preprinted fields on forms.
- Align the content on one side of the paper correctly with content already printed on the other side of the paper.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 Click the **Finishing** icon.
- 3 Expand the **Image Shift** option and select **Image Shift**.
- 4 Select the measurement units.
- 5 Type the **Front** and **Back** image shift settings in the **X** and **Y** axis fields.

Note: The maximum value for both X and Y axes is 999.99 points/13.89 inches/352.77 mm.

- 6 To align front and back images proportionately, select **Align front and back images**.

Print jobs with different media types

The **Mixed media** feature defines a print job's chapter divisions and prints certain pages, or ranges of pages, on varying media types.

For example, you can add blank pages or specify duplex pages within a single print job. You can also use **Mixed media** to specify chapter-based finishing options, which treat each chapter as a separate finishing or duplexing set.

Note: You can save up to 100 different settings for the **Selection List**.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 Click the **Media** icon.
- 3 Expand the **Mixed media** option, and select from the following options:

Note: If you use the **Chapter Start Page(s)**, **Define Cover**, or **Define Each Chapter As A Finishing Set**, all media specified in the paper size per chapter must share the same dimensions.

- **Chapter Start Page(s)** - Designates chapter divisions, using comma-separated values (for example: 4,9,17) to designate the start of each new chapter. It is not necessary to type the first page; page numbers refer to the numbering of the original document.
- **Define Each Chapter As A Separate Finishing Set** - Applies finishing options (such as stapling) or double-sided printing to each chapter created with the Chapter Start Page(s) option. For double-sided printing, this option forces each starting page to use a right-side page, adding a preceding left-sided blank, if necessary.
- **Define Cover** - Assigns page attributes to front and back cover pages.

Note: This option is available if the Fiery server supports it.

- **New Page Range** - Assigns page attributes to specific pages, or ranges of pages. After you set page attributes, click **Add Definition** to save your settings.
- **New Insert** - Assigns page attributes to blank pages. After you set page attributes, click **Insert**, and then click **Close** to return to the **Mixed media** view.

For information about printing jobs with different media, see *Printing*, which is part of the user documentation set.

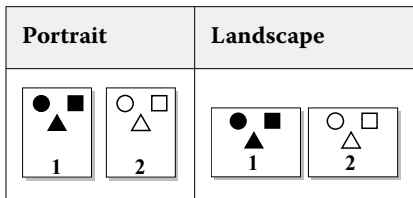
Print duplex (double-sided) jobs

You can print a single-sided job as a duplex (double-sided) job by specifying a duplex setting, which determines the orientation of printed images.

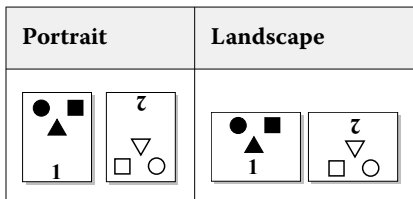
Note: The duplex settings that appear vary according to the printer.

If the document has an odd-numbered page count, this option inserts a blank page at the end of the job.

- 1 Open **Printing preferences**. (See [Open Printing preferences](#) on page 7.)
- 2 Click the **Layout** icon.
- 3 Select one of the duplex settings:
 - Print the top of the image on Side 1, on the same edge of the page as the top of the image on Side 2.



- Print the top of the image on Side 1, on the opposite edge of the page from the top of the image on Side 2.



For information about duplex (two-sided) printing, see *Printing*, which is part of the user documentation set.