

Thank you for using a Fuji Xerox product.

This document describes how to configure UNIX Driver in the LPRng (UNIX Driver BW for Linux version) environment.

Configuring UNIX Driver in LPRng Environment

The following example uses Document Centre 506.

When configuring a different model, replace the folder and file names with the applicable names in the following example.

Also, refer to the documents for Linux printer settings and the manuals related to LPRng.

1. Edit printcap to configure a printer

Configuring /etc/printcap.local or /etc/printcap

(printer host setting "dc506" is specified for /etc/hosts)

```
dc506:\
    :bk:\
    :bkf:\
    :lpd_bounce=true:\
    :rm=dc506:\
    :rp=ps:\
    :sd=/var/spool/lpd/dc506:\
    :if=/usr/lib/fxps/fxpif:
```

2. Create a spool directory

```
# cd /var/spool/lpd
# mkdir dc506
# chown lp dc506
# chgrp lp dc506
# chmod 600 dc506
```

3. Enable the configurations

Check that there are no errors in the printer settings using the checkpc command.

```
# checkpc
```

Important If an error message is displayed, follow the message and proceed accordingly.

Restart lpd.

```
# /etc/rc.d/init.d/lpd restart
Or
# service lpd restart
```

Perform test print to check that printing is performed properly.

```
# lpr -Pdc506 /etc/hosts
```

This completes the configuration.

How to Configure the Logical Printer

The following is an example of configuring the logical printer that has the combined settings for paper size (A4), print orientation, and 2 Sided Print (Flip on Long Edge). For detailed descriptions of the available options, refer to the UNIX Driver User Guide.

1. Edit printcap to configure a printer

Configuring /etc/printcap.local or /etc/printcap

```
dc506a4:\
    :bk:\
    :bkf:\
    :lpd_bounce=true:\
    :rm=dc506:\
    :rp=ps:\
    :sd=/var/spool/lpd/dc506a4:\
    :if=/usr/lib/fxps506/fxpifa4:
dc506a4r:\
    :bk:\
    :bkf:\
    :lpd_bounce=true:\
    :rm=dc506:\
    :rp=ps:\
    :sd=/var/spool/lpd/dc506a4r:\
    :if=/usr/lib/fxps506/fxpifa4r:
dc506a4ld:\
    :bk:\
    :bkf:\
    :lpd_bounce=true:\
    :rm=dc506:\
    :rp=ps:\
    :sd=/var/spool/lpd/c506a4ld:\
    :if=/usr/lib/fxps506/fxpifa4ld:
```

2. Create the fxpif symbolic links for each printer

Create the fxpif symbolic link for /usr/lib/fxps/fxpif using the ln command.

```
# ln -s /usr/lib/fxps/fxpif /usr/lib/fxps/fxpifa4
# ln -s /usr/lib/fxps/fxpif /usr/lib/fxps/fxpifa4r
# ln -s /usr/lib/fxps/fxpif /usr/lib/fxps/fxpifa4ld
```

3. Configure the options for the UNIX Driver

The following configures the options in /usr/lib/fxps/UserDefault/.fxpsdefault.

```
fxpifa4 -IA4
fxpifa4r -IA4 -r
fxpifa4ld -IA4 -D
```

4. Create a spool directory

```
# cd /var/spool/lpd
# mkdir dc506a4 dc506a4r dc506a4ld
# chown lp dc506a4 dc506a4r dc506a4ld
# chgrp lp dc506a4 dc506a4r dc506a4ld
# chmod 600 dc506a4 dc506a4r dc506a4ld
```

5. Enable the configurations

Restart lpd.

Check that there are no errors in the printer settings using the checkpc command.

Perform test print to check that printing is performed properly.

This completes the configuration.

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