Chapter 5
Printers and Scanners

We Shall be Covering ...

Usage of devices which facilitate the transfer of information to and from paper:

- printers
- scanners

Printers and Scanners

Printer

- – output device
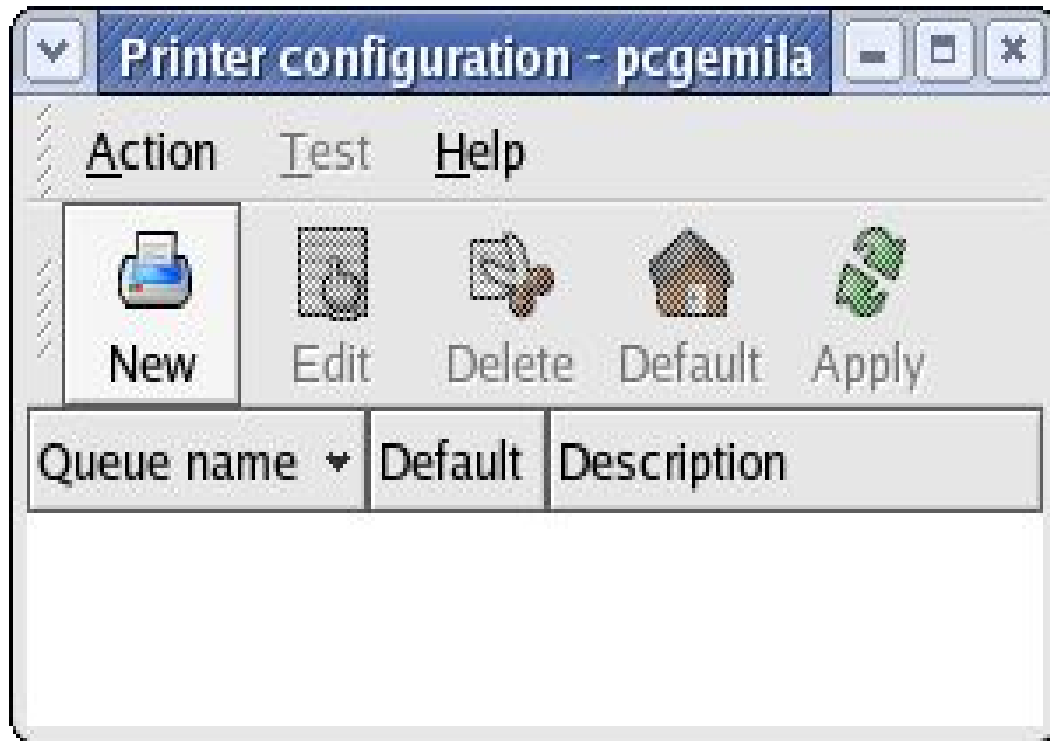- – transfer information from digital form to hard copy (paper)

Scanner

- – input device
- – transfer information from hard copy to digital form

Printer Setup

- Click on Print Manager icon on Panel

- Perform printer setup

- Follow instructions on the screen

- Use:

  - Queue type – locally connected

  - Printer device - /dev/lp0

  - Printer model - ????

- Print test page

Printer Setup

- Click on Print Mgr icon on Panel

- If asked to run "printer configuration tool" select OK

- Click on "New" button to configure a new printer

Printer Setup

- Add new print queue
- Fill in print queue details
- Queue type – local
- Select printer device - /dev/lp0
- Select printer mfg and model
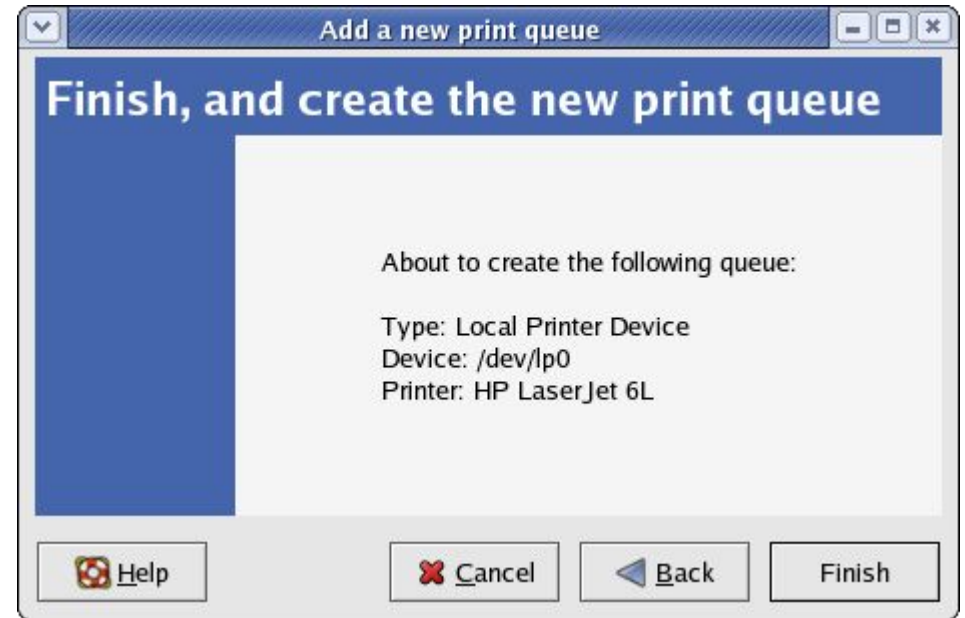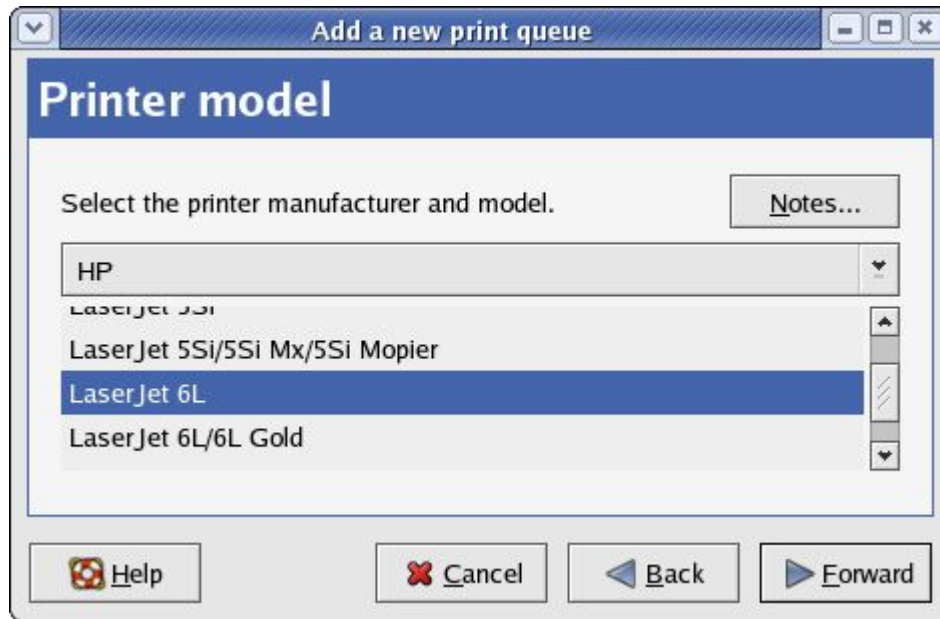- Finish, print test page

Printer Setup

- Add new print queue

- Fill in print queue details

- Queue type – local

- Select printer device - /dev/lp0

Printer Setup

- Select printer mfg and model
- Finish, print test page

Print Manager

Used to set up and monitor printers

- To modify properties of a printer:

- To monitor status of print jobs
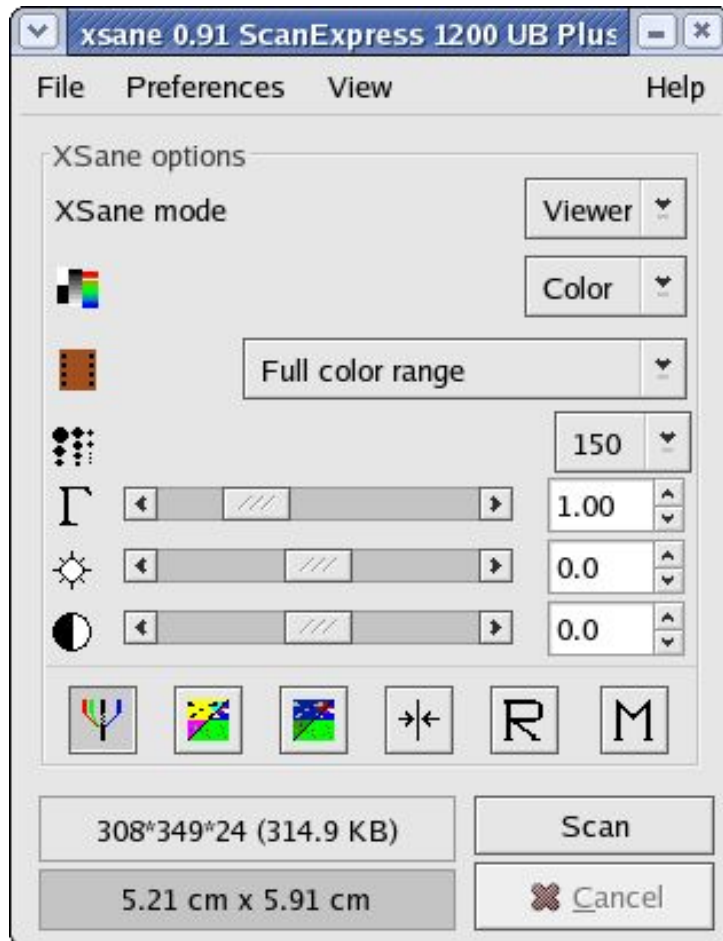
- To cancel outstanding print jobs

Scanner

- Flat-bed scanner for personal use

- Connected by USB, SCSI or parallel ports

- XSane software as GUI front-end

  - www.xsane.org

- SANE backend to control/drive hardware

  - www.sane-project.org

- Most common scanners supported.
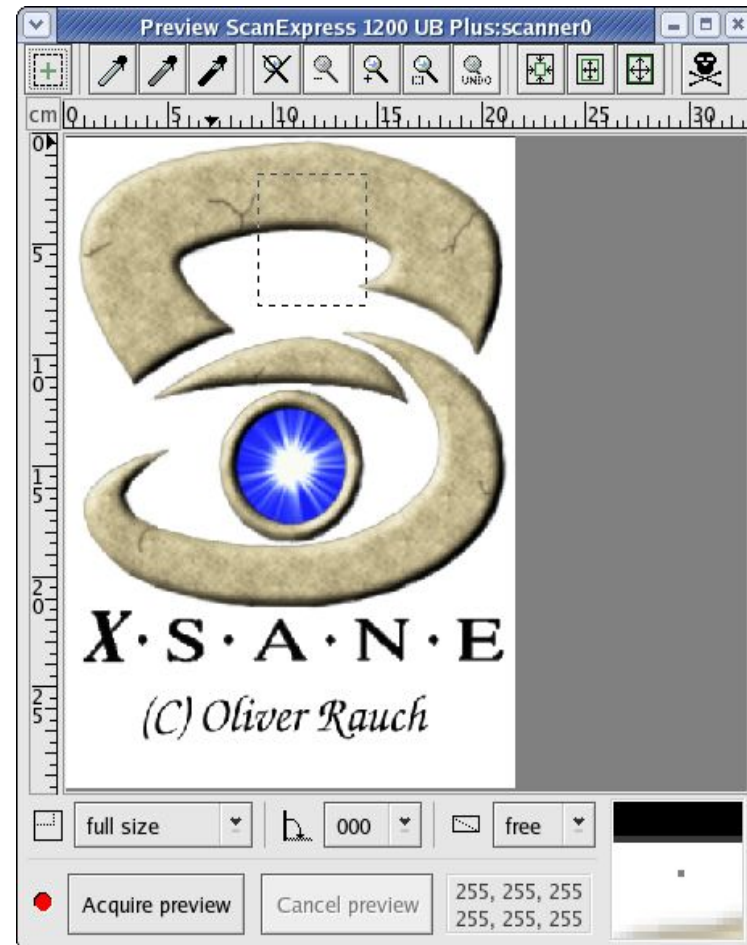
  - check SANE website for scanner support

Using XSane

Invoke by:

Main Menu --> Graphics --> Scanning

XSane main window

Preview window

Scanning an Image

To scan an image (e.g. photo, document):

- Place image in scanner bed

- In Preview window, select "Acquire preview", the scanner bed is scanned and previewed

- From image in Preview window, select the actual area to be scanned, using:

    - autoselect scanarea button

    - autoraise scanarea button

    - visible area button

    - mouse (manually)

- Adjust scan area with mouse if incorrect

Scanning an Image

- Adjust/enhance image in Preview window for colour correction, contrast, brightness using the buttons in the XSane main window.

- Click on "Scan" in main window

- Scanned image appears in Viewer window

- Save scanned image in Viewer window

End of Chapter 5