Printing – Solutions

Lab 1: Creating PDF Files

Convert a text document to Postscript:

```
$ sudo apt-get install enscript                    or
$ sudo yum install enscript              or
$ sudo zypper install enscript

$ cp /var/log/syslog /tmp
$ cd /tmp
$ enscript -p syslog.ps syslog
```

Convert the PostScript file to PDF:

```
$ ps2pdf syslog.ps
```

or

```
$ pstopdf syslog.ps
```

Lab 2: Modifying PDF Files

Install the required packages:

```
$ sudo apt-get install pdftk psutils            or
$ sudo yum install pdftk psutils            or
$ sudo zypper install pdftk psutils
```

Convert the PDF file from the last exercise back to Postscript and merge pages:

```
$ pdf2ps syslog.pdf
$ psnup -2 syslog.ps > syslog-nup.ps
```

Convert the Postscript file back to PDF:

```
$ ps2pdf syslog.ps
```

Lab 3: Modifying PDF Content

Convert from PDF to Postscript:

```
$ pdftops -level1 /usr/share/doc/foo2zjs/manual.pdf
/tmp/manual.ps
```

Modify the Postscript file manually:

```
$ cd /tmp
$ sed 's/2011/2013/g' manual.ps > manual2013.ps
```

Convert the Postscript file back to PDF:

```
$ ps2pdf manual2013.ps
```

Make sure the resulting PDF file is valid and looks as expected:

```
$ evince manual213.pdf
```