LJ4Boost

Oliver Hitz

COLLABORATORS			
	TITLE : LJ4Boost		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY	Oliver Hitz	August 23, 2022	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

LJ4Boost

1.1   Welcome to LJ4Boost Printer Driver Package

```
                                    LJ4Boost

            An Amiga printer driver especially designed for
             Hewlett-Packard LaserJet 4(L) and compatibles.

                            Version 1.04
                            June 19, 1995

                      Copyright © 1995 Oliver Hitz

                              License


        Disclaimer

        Copyright And Distribution

        Package Contents
                                            General


        Introduction

        Features

        Requirements

        Compatibility

        Installation
                                  The Printer Driver


        Installation

        Using The Printer Driver
                                    The Preferences Editor
```

```
                    Installation

                    Getting Started

                    Using The Preferences

                    Hints

                    Known Problems

                    Troubleshooting

                    Registration

                    Updates

                    Feedback

                    How To Contact The Author

                    History

                    Future
```

1.2 Disclaimer

```
                        Disclaimer
```

This software is provided "as is". No warranties are made, either expressed
or implied, with respect to the reliability, quality, performance, or
operation of this software. The use of this program is at your own risk. The
author assumes no responsibility or liability for any damage or losses
resulting from the use of this software.

1.3 Copyright And Distribution

```
                            Copyright And Distribution
```

The LJ4Boost package including all accompanying files is Copyright © 1995 by
Oliver Hitz. All rights reserved.

This software is SHAREWARE. Using it means paying for it. If you use it,
please
                register
                    .

This software is freely distributable as long as all files of the original
distribution are included without any modifications. The keyfiles registered
users get may NOT be distributed. They are NOT part of this package.
Distribution of keyfiles is a violation of copyright laws and will be

prosecuted.

This software may not be included into any kind of software collection apart
from the AmiNet, the Amiga Library and BBS file areas without written
permission from the author.

The autor reserves the right to interdict distribution at any time if the
distributor fails to obey to this license agreement.

1.4 Package Contents

                              Package Contents

This version of the LJ4Boost package consists of the following files:

```
Directory LJ4Boost/
    LJ4Boost-Install                              Installation script V1.02
    LJ4Boost-Register                             Registration program V1.02
    LJ4Boost.guide                          AmigaGuide documentation V1.03
Directory LJ4Boost/Devs/Printers/
    LJ4Boost                                           Printer driver V1.02
Directory LJ4Boost/Locale/Catalogs/
    deutsch/lj4boostprefs.catalog      German catalog for prefs editor V1.02
    français/lj4boostprefs.catalog     French catalog for prefs editor V1.0
Directory LJ4Boost/Prefs/
    LJ4Boost                                        Preferences Editor V1.03
```

1.5 Introduction

                                Introduction

The LaserJet4L from Hewlett-Packard® is a very great low-cost laser printer
with many possibilities. But one thing is missing for all people that want to
use it with an Amiga: A printer driver.

This package is an attempt to provide a printer driver package such as the
HP-Explorer, that is shipped along with the LaserJet4L. It covers a standard
printer driver especially designed for HP LaserJet 4L and a preferences
editor, where printer specific settings can be made.

This printer driver is especially designed for HP LaserJet 4L printers, but
as all printers of the HP LaserJet 4 family support the PCL5 printer
language, it is very likely that this driver also works on other than the HP
LaserJet 4L.

1.6 Features

```
                             Features
```

This printer driver package offers a large palette of features:

```
     -> highly optimized assembler-written Amiga printer driver
     -> shorter than any other printer driver (< 4000 bytes!!!)
     -> support of ANSI symbol sets
     -> support of HP-GL/2 graphics
     -> highly optimized compression routines for shorter graphics output
     -> automatic/manual paperfeed switch
     -> EconoMode switch
     -> documentation in AmigaGuide format
     -> style-guide compliant, font-sensitive and localized prefs editor
     -> style-guide compliant registration program
     -> MagicWB style icons (optional)
```

1.7   Requirements

```
                        Requirements
```

Besides an Amiga Computer with at least OS 2.0 you will need a HP LaserJet
4L compatible printer.

1.8   Compatibility

```
                              Compatibility
```

The HP LaserJet 4L works like all printers of the LaserJet 4 family with the
PCL5 printer's language. Although this printer driver was especially
designed and tested on a LaserJet4L, it is very likely, that it will also
work on other printers of the same family. If you encounter problems or if
you discover things that could be implemented for printers other than the
4L, contact the
                author
                     .

In the graphics mode, density 7 is 600 dpi. This setting has been added to
allow owners of laser printers other than the HP LaserJet 4L to test this
driver on their printers.

1.9   Installation

```
                        Installation
```

The installation of this printer driver package is fully automatically using
Commodore's installer program.

If you have installed MagicWB^1 on your system, you can choose MagicWB icons

during the installation.

After the installation, start the Printer-Preferences and select LJ4Boost to
activate it...

^{1} MagicWB is Copyright © 1992-1994 by Martin Huttenloher

1.10   Installation Of The Printer Driver

                    Installation Of The Printer Driver

The printer driver is copied into the DEVS:Printers/ directory by the
installation program. To activate it, load the Printer-Prefs and select the
LJ4Boost printer driver. For more information on the Printer-Prefs, refer to
your Workbench manual.

1.11   Using The Printer Driver

                              Using The Printer Driver

There is not much to say about using the printer driver. In general, you
won't have much to do directly with the printer driver. It is used
automatically when you tell your programs to print something.

The printer driver uses the "ISO 8859/1 Latin 1" built-in symbol set, when
in Amiga (normal) mode. This makes it a lot shorter, because there is no
need to include a table with character replacements.

In
                ANSI
                 mode, the printer driver uses the "PC-8 Code Page 437" symbol set ←
                   .

                          Graphics Printing

The density settings for graphics printings are as follows:

Density Number	1	2	3	4	5	6	7
Graphics Density	75dpi	100dpi	150dpi	300dpi	300dpi	300dpi	600dpi

The 600dpi setting (7) is not supported by the HP LaserJet 4L printer, but I
added it here so that owners of other LaserJet 4 printers may also use this
printer driver. (Or at least try to use it...)

When selected in the preferences editor, the printer driver tries to reduce
the amount of data to transfer by compressing it. This may result in speed
improvements. (
                Compression And Speed
)

Escape Sequences

For a detailed explanation of the escape sequences supported by this printer
driver, see
                 Escape Sequences
                 .

Page Sizes

The AmigaDOS supports various pagesizes in its preferences that cannot be
handled on the HPLaserJet 4L. But the HPLaserJet4L also offers page sizes
that are not supported by AmigaDOS. The page size settings are as follows:

```
       AmigaDOS    LJ4Boost        Dimensions       Printable Area

       US_LETTER   Letter          8.5"  x 11"      8.2"  x 10.7"
       US_LEGAL    Legal           8.5"  x 14"      8.2"  x 13.7"
       N_TRACTOR   DIN A4          210mm x 297mm   201mm x 288mm
       W_TRACTOR   DIN A4          210mm x 297mm   201mm x 288mm
       CUSTOM      <margins set in the preferences>
       EURO_A0     Executive       7.25" x 10.5"    6.9"  x 10.1"
       EURO_A1     Monarch         3.87" x  7.5"    3.5"  x  7.2"
       EURO_A2     COM 10 Env.     4.12" x  9.5"    3.8"  x  9.2"
       EURO_A3     Intl. DL Env.   110mm x 220mm   101mm x 202mm
       EURO_A4     DIN A4          210mm x 297mm   201mm x 288mm
       EURO_A5     DIN A5          148mm x 210mm   140mm x 201mm
       EURO_A6     DIN A6          105mm x 148mm    96mm x 140mm
       EURO_A7     Intl. B5 Env.   176mm x 250mm   168mm x 242mm
       EURO_A8     DIN A4          210mm x 297mm   201mm x 288mm
```

1.12 Escape Sequences

```
           aRIS            ESCc
           Printer reset

aRIN       ESC#1
           Printer reset, set settings from LJ4Boost-Prefs, set AMIGA
           symbol set, Courier typeface, line spacing and margins (as
           set in the prefs)

aIND       ESCD
           LF (without CR)

aNEL       ESCE
           LF and CR

aRI        ESCM
           Reverse LF and CR

aSGR0      ESC[0m
           Underline off, italic off, bold off

aSGR3      ESC[3m
           Italics on
```

```
aSGR23          ESC[23m
                Italics off

aSGR4           ESC[4m
                Underline on (floating)

aSGR24          ESC[24m
                Underline off

aSGR1           ESC[1m
                Boldface on

aSGR22          ESC[22m
                Boldface off

aSFC            ESC[nm (30<=n<40)
aSBC            ESC[nm (40<=n<50)
                no effect

aSHORP0         ESC[0w
                PICA (10 cpi)

aSHORP2         ESC[2w
                ELITE (12 cpi)

aSHORP1         ESC[1w
                PICA (10 cpi)

aSHORP4         ESC[4w
                FINE (16 cpi)

aSHORP3         ESC[3w
                PICA (10 cpi)

aSHORP6         ESC[6w
                8 cpi

aSHORP5         ESC[5w
                10 cpi

aDEN6           ESC[6"z
aDEN5           ESC[5"z
aDEN4           ESC[4"z
aDEN3           ESC[3"z
aDEN2           ESC[2"z
aDEN1           ESC[1"z
                no effect

aSUS2           ESC[2v
aSUS1           ESC[1v
aSUS4           ESC[4v
aSUS3           ESC[2v
aSUS0           ESC[0v
                no effect

aPLU            ESCL
```

```
                        Half LF reverse (with CR)

aPLD                    ESCK
                        Half LF (with CR)

aFNT0                   ESC(B
                        Courier typeface

aFNT1                   ESC(R
                        Letter Gothic typeface

aFNT2                   ESC(K
aFNT3                   ESC(A
aFNT4                   ESC(E
aFNT5                   ESC(H
aFNT6                   ESC(Y
aFNT7                   ESC(Z
aFNT8                   ESC(J
aFNT9                   ESC(6
aFNT10                  ESC(C
                        no effect

aPROP2                  ESC[2p
aPROP1                  ESC[1p
aPROP0                  ESC[0p
aTSS                    ESC[n E
                        no effect

aJFY5                   ESC[5 F
aJFY7                   ESC[7 F
aJFY6                   ESC[6 F
aJFY0                   ESC[0 F
aJFY2                   ESC[2 F
aJFY3                   ESC[3 F
                        no effect

aVERP0                  ESC[0z
                        8 lpi

aVERP1                  ESC[1z
                        6 lpi

aSLPP                   ESC[nt
                        Set form length n

aPERF                   ESC[nq
aPERF0                  ESC[0q
                        no effect

aLMS                    ESC#9
aRMS                    ESC#0
aTMS                    ESC#8
aBMS                    ESC#2
                        no effect

aSTBM                   ESC[n1,n2r
                        Set top and bottom margins
```

```
aSLRM           ESC[n1,n2s
                Set left and right margins

aCAM            ESC#3
                Clear margins (set as set in the preferences)

aHTS            ESCH
aVTS            ESCJ
aTBC0           ESC[0g
aTBC3           ESC[3g
aTBC1           ESC[1g
aTBC4           ESC[4g
aTBCALL         ESC#4
aTBSALL         ESC#5
                no effect


aEXTEND         ESC[n"x
                Extended commands
                n:  1 Load ENV:LJ4Boost.prefs
                       (NOT set it – to set it, use aRIN command!)
                    2 AMIGA symbol set (ISO 8859/1 Latin 1)
                    3
                ANSI
                 symbol set (PC-8 Code Page 437)
                   10 Enter
                HP-GL/2
                 mode
                   11 Enter Normal (PCL) mode

aRAW            ESC[n"r
                Next n characters are RAW (e.g. for sending ESC sequences)
```

1.13 ANSI Mode

<div align="center">ANSI Mode</div>

This printer driver also supports printing of ANSI characters. The ANSI mode
is invoked by sending ESC[3"x to the printer driver. If you for example want
to print a text from an MSDOS machine, simply put this sequence in front of
your text and send it to PRT:. (The only thing you have to pay attention is
the line termination. In the current version, this printer driver adds a CR
to each LF.)

When in ANSI mode, all characters are printable (except 0, 7-15, 27). To
quit the it and to return to the normal AMIGA mode, send ESC[2"x.

By default, the printer driver is in AMIGA mode when the printer.device is
opened.

NOTE: When printing color ANSI texts, you may notice that some parts are
printed bold. That's because ANSI offers 16 colors, but with escape
sequences there are only 10 colors possible. So the bold flag is taken as
additional bit for the color number. (By the way: It is not possible to

print patterns for the different colors in the current version.)

1.14   HP/GL-2 Mode

                                                    The HP-GL/2 Mode

This printer driver supports the powerful HP-GL/2 (HP-Graphics Language)
mode of the printer. If you send ESC[10"x, the printer will be in HP-GL/2
mode until ESC[11"x.

HP-GL/2 is a graphics language mainly designed for plotters. In HP-GL/2 mode
graphics are no longer printed as raster images. Instead of drawing a whole
picture in the memory of the computer and then sending this as a raster
image, it is possible to tell the printer to draw the picture in its memory.
Of course this doesn't work for pictures such as scanned photographs, but
for other graphics, such as output of CAD programs, it will result in GREAT
speed improvements.

If you have programs that offer HP-GL/2 output, simply tell it to print its
output to a file and then insert ESC[10"x at the beginning and ESC[11"x at
the end and send it to PRT:.

Maybe in
                   future
                    versions of this package there will be a custom-designable
DOS-Handler that allows to switch into HP-GL/2 mode when e.g. printing a
document to PLT:...

NOTE: When switching to HP-GL/2 mode and back, the cursor position is NOT
changed.

1.15   Installation Of The Preferences Editor

                              Installing The Preferences Editor

The preferences editor is installed automatically with the installation
script. It is copied to the SYS:Prefs-directory, where all the other
preference editors are located.

1.16   Getting Started

                                      Getting Started

The preferences editor may be started either from Shell or from Workbench by
double clickin' on its icon.

It is localized, font-sensitive and exactly designed like the standard
Workbench preference editors.

```
                              Workbench Startup

Supported tooltypes:

        ACTION=(
                EDIT
                 |
                USE
                 |
                SAVE
                 )
        CREATEICONS=(
                YES
                 |
                NO
                 )

                PUBSCREEN
                =<public screen name>

                          Shell Startup

The template for starting it from the Shell looks as follows:

                FROM
                ,
                EDIT/S
                ,
                USE/S
                ,
                SAVE/S
                ,
                PUBSCREEN/K
```

1.17 FROM

Specifies that an saved settings file will be loaded into the editor. This
file has to be generated by the menu item "Save As".

1.18 CREATEICONS YES

Specifies that an icon is saved when the configuration is saved. Default is
OFF.

1.19   CREATEICONS NO

Specifies that no icon is saved when the configuration is saved. This is the
default setting.

1.20   EDIT/S

Specifies that you want to open the editor window to edit a setting. This is
the default setting.

1.21   USE/S

Loads in a configuration file and saves it as current setting. The editor
window isn't opened.

1.22   SAVE/S

Loads a configuration file and saves it as default setting. The editor
window isn't opened.

1.23   PUBSCREEN/K

This option lets you specify the screen the editor window opens on. Default
is "Workbench".

1.24   Using The Preferences Editor

                                  Using The Preferences Editor

The preference editor has been programmed according to the style-guide. It
works exactly like any other Workbench preference editor, so it is very easy
to handle.

                          Explanation of the buttons

                Copies

                Paperfeed

                EconoMode

                Auto Continue

```
                        Density

                        Image Adapt

                        Page Protect

                        REt

                        Compression

                        Save

                        Use

                        Cancel
                                                Explanation of the menus

                          Project

                        Open...

                        Save As...

                        About

                        Quit
                                          Presets

                        Reset To Defaults

                        Last Saved

                        Restore
                                          Settings

                        Create Icons?
                        NOTE: The printer  driver  loads  the  configuration  file  every  ←
                              time  the
printer.device  is  opened,  but  the  settings  are  only set if the driver
receives the
                        aRIN command
                        . This is done always when the  printer  driver  is
loaded into memory (the first time you print). After that the printer driver
remains in memory and the settings are only set if a program that  wants  to
print sends an aRIN command. (See also
                        Troubleshooting
                        )
```

1.25 Copies

Here you can enter how many copies you want to print. This doesn't mean that
the data has to pass multiple times from the computer into the printer, all
it does is to tell the printer how many pages he should print.

1.26 Paper Feed

Automatic selects automatic paper feed, Manual selects manual paper feed. If
you choose manual feed, the printer's data-led will blink requesting you for
paper.

1.27 Econo Mode

This is a special feature of the HP LaserJet 4L. Selecting this will force
the printer to reduce the used toner by 50%. This is a very useful switch if
you don't need BLACK and SHARP images, e.g. for testing a printer driver...
(The costs per page are also reduced by 50%)

1.28 Auto Continue

This option forces the printer to continue automatically after errors have
occured. If "Auto Continue" is disabled, the printer will wait for you to
press the button before he continues.

1.29 Density

This lets you change the density settings. "1" is light (uses less toner)
and "5" is dark (uses big amounts of toner). This option is useful when
printing on folios, as sometimes they need to be very DARK.

1.30 Image Adapt

This option controls the printer's internal data compression mechanism. With
1MB of printer memory, you aren't able to hold one whole page in memory.
With this switch set to "On", all data is compressed in the printer to fit
into it's memory. The disadvantage of this is, that you loose details. That
means, that the output won't look exactly like the input. (It will be less
sharp.)

1.31 Page Protect

When printing very dense or complex images, the printer may be too slow to
handle input and output at the same time. If you select "On", the printer
will first save the whole page in it's memory before printing it. Choose
"Auto" if you only have 1MB of printer memory, as you won't be able to hold
a whole page in memory. Choosing "Off" gives you the best performance, but
there can be errors from time to time, dependent from the complexity of your
output.

1.32 REt

Resolution Enhancement technology (REt) is a feature that enhances the
resolution of your printer. This is done by refining pixels with smaller
pixels. To gain optimal quality, use this option together with Density.

1.33 Compression

                 This controls which compression methods will be used for graphics ←
                    printing.
"None" disables all compression, "Run-Length" enables run-length
compression, a very simple algorithm. "TIFF" selects an algorithm similar to
the one used when encoding IFF ILBM pictures, and "Run-Length & TIFF"
selects both of them, where each line is compressed with both methods and
the shorter one is sent to the printer.

For more about compression :
                 Hints

                 Compression And Speed

1.34 Save

This button saves the current settings as your default setting and quits the
editor.

1.35 Use

This button saves the current setting as your actual setting that remains
active until you reset your computer. It quits the editor.

1.36 Cancel

This button quits the editor without changing anything in the active
settings.

1.37 Open...

This menu item lets you load a setting that you have saved to disk some time
before.

1.38   Save As...

This menu item lets you save a setting to disk. If you have activated the
Create Icons? menu, then an icon will be added to your file.

1.39   About

Probably the most important menu point...

1.40   Quit

Quits the editor without changing anything.

1.41   Reset To Defaults

Resets the current settings to the default system settings. These settings
cannot be modified.

1.42   Last Saved

This menu item loads in the last saved configuration settings saved with the
Save button.

1.43   Restore

Loads the currently active settings.

1.44   Create Icons?

If this menu item is checked, then everytime you save a configuration using
the Save menu item, the icon called "ENV:Sys/def_pref.info" is added to the
file. Note that NO icon is saved if you just press the Save button.

By default this option is OFF unless you specify the CREATEICONS tooltype
when starting it from the Workbench.

1.45 Hints

Hints

Compression

The compression modes used by the HP LaserJet 4L are only very simple ones. Together with the compression routines in the printer driver, they can improve the time required to print graphics even on a normal 68000 based system. (
Compression And Speed
)

1.46 Compression And Speed

Compression And Speed

It is difficult to say wether compressing data results in big speed improvements or not. Everthing depends on the data. The printer driver always cuts off all 0-bytes to the right of a line. This is done even if there is no compression selected, as this costs almost no time to do and the efforts can be great as often there are half-empty or even empty lines.

1.47 Known Problems

Known Problems

FinalWriter

Some versions of FinalWriter reset the printer a couple of times during a printout. This causes empty papers, especially when the printer driver is loaded into memory. (When it is loaded into memory for the first time, the printer is reset automatically.)

If you should encounter problems, please contact the author with a clear explanation of your problem and a short summary of your equipment. (Not because I'm curious, but because the problem could be caused by your equipment)

1.48 Troubleshooting

Troubleshooting

The settings from the LJ4Boost-Prefs have no effect.

The settings from the prefs are only set when the printer driver is loaded

into memory or when the driver receives an
                    aRIN command
                       .

This has been made because when the the settings is set all pages still in
memory would be printed out, and sometimes this could cause problems e.g.
when a program closes and re-opens the printer.device during one page (the
contents of the page would be scattered over multiple pages).

This command can be sent manually using the "InitPrinter" program found on
the Workbench disk, or from CLI via the following line: 1.> echo >PRT:
"*E#1" noline

1.49   Registration

                                 Registration

This printer driver package is SHAREWARE. This means you HAVE to pay for it
if you use it.

The registration fee is SFr 20, DM 20 or US$ 20 (The US$ is very low at the
moment...).   No other currencies are accepted. Do only send cash.
Otherwise there is no guarantee that you will receive an answer.

If you register, you will receive a labeled disk with the latest version of
the "LJ4Boost Printer Driver Package", along with a personal keyfile that
allows you to use future versions of this program. For more information on
where and how to get updates, see
                    Updates
                       .

Please do ONLY register with the registration utility provided in the
original distribution. (Let's hope it works on all Amigas...)

             Click here to start the registration utility NOW

Please allow 2-4 weeks for delivery, depending on where you live.

1.50   Updates

                                   Updates

It is not shure wheter there will be any updates of this package or not. The
more registrations, the more likely it is that there will be any updates.
Anyway, if there should be any updates, they will be available in the AmiNet
and on the
                    FriByte BBS
                       .

For possible future features, see

```
                   Future
                     .
```

1.51 FriByte BBS located in Fribourg/Switzerland

```
* ----------------------------------------------------------------------- *
*                                                                         *
*   /   \                     /   \                                       *
*   \^^^/    ####### ###### \^^^/    ######  #### ## ####### #######       *
*   (@ @)    ####     #### ##         #### ## #### ##  ###    ####         *
*   /   \    ######  ######  ### ### ######   #####   ###    ######       *
*  \\textdegree{} \textdegree{}/    ####     #### ## ###      #### ##  ###     ### ←
         ####          *
*    ~       ####    #### ## ###     ######   ###     ###    #######       *
*                                                                         *
* -------------------------------------------------- PCBoard V15.21 *
*                                                                         *
*             CALL: +41 - 37 - 432 540    (24h - ZyXEL 19k2)              *
*                                                                         *
* AMIGA * MSDOS * HP48 ---------------------------- RomandNetwork Host *
```

If you don't want to register on this BBS, just   login as »USC« with no
password. You will then be allowed to download the latest version of
LJ4Boost and to write a message to the autor.

1.52 Feedback

```
                                        Feedback
```

The author is very pleased about bugreports, ideas or anything else apart
from letter-bombs...:-(Feel free to write the author what do you think
about this package.

For the address, see
               How To Reach The Author
                 .

1.53 How To Reach The Author

```
                              How To Reach The Author
```

E-mail: Oliver.Hitz@unifr.ch

Snail-mail: Oliver Hitz
                    Weiermattweg 13
                    3186 Düdingen

                    Switzerland

```
...or simply call:
                FriByte BBS
                 and leave a message for Oliver Hitz.




             - - -- ---* Up The Irons! *--- -- - -

             So it shall be written - so it shall be done.
```

1.54 History

```
    V1.04    (19.06.95)
             - LJ4Boost V1.02
                - fixed a bug concerning the margins
                  (Thanx to Dirk Vael)
             - LJ4Boost-Register V1.02
                - fixed minor bug


    V1.03    (10.05.95)
             - added MagicWB style icons (optional)
               (Thanx to Martin Huttenloher for his permission)
             - LJ4Boost V1.01
                - better detection of FormFeeds (-> less blank pages...)
             - LJ4Boost-Prefs V1.03
                - caused Enforcer hits when requester was displayed and the
                  window was not opened yet
                  (Thanx to Paul van der Heu)
                - used a function only available under OS3.0 and higher
                  (Thanx to Rene Amador)
             - LJ4Boost-Register V1.01
                - fixed bug!
                  (Thanx to Rene Amador)


    V1.02    (16.04.95)
             - LJ4Boost-Prefs V1.02
                - crashed when locale.library could not be opened
                  (Thanx to Alexander Schwenk)
                - added french catalog


    V1.01    (11.04.95)
             - LJ4Boost-Prefs V1.01
                - fixed bug in the tooltypes (didn't work properly)
                - fixed Enforcer hit


    V1.0     (06.04.95)
             - first public release
```

1.55 Future

                                    Future

If there will be some future versions of this printer driver package, then
the following features will probably be added:

    - add features from HPLaserJet4L compatible printers (with YOUR help!)
    - make use of the read-back possibility of the HPLaserJet4(L)
      (I'd be very glad if anybody could tell me how to do this :-))
    - delta-compression for graphics
    - 68020+ optimized version
    - foreground-/background-color patterns (great for ANSIs!)
    - customizable DOS-Handler (to create ANSI: or PLT:...)
    - multi-lingual documentation + registration utility
    - more catalogs
    - selectable code tables

      ...and many more. You can be sure of it!