

PR**GS**

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PFlist

listings with PROforma

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1. Introduction

PFlist is a program to produce listings using PROforma.

What is PROforma ? It is the Fonts and Raster Manager we have developed for LINEdesign, but has much wider usages. The advantage of having it separate, is that it can more easily be used for anything else. Everything or anybody can use the output PROforma produces.

For more information about PROforma, about the installation of the program on your system, the fonts, etc., read the addendum at the back explaining PROforma at large detail. Using PROforma also has the advantage that the output is calculated by the computer, so your printer doesn't have to have much intelligence to produce the output. But most printers that don't have much intelligence are good at producing listings. So why should you need this program ? You can produce listings in landscape, which allows to have more characters in one column or even two columns on one page. You can even use 8pt fonts, which are very small, and so even more text can be put on the page. PFlist also uses the printable area as good as possible. It will come as close to the margins as possible.

To use small fontsizes, you need a high-resolution printer. High resolution is a big word, any 24pins printer is good enough. Even a good 9pins printer could get advantageous use out of this program. The optimal printer though is a inkjet or laserprinter. These printers are used to printing on seperate sheets, and using PFlist gives you more control over font and fontsize. Also these printers are usually not used for listings (for some obscure reason).

You can even put the name of the file and the date on the listing, so you can compare them (this listing is older than that one). You can even set a standard footer message (listing produced by...) and of course the pages are numbered.

1.1 Disclaimer & Copyrights

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This said, it speaks for itself that PROGS will continue to develop this manual and software. Therefore, we would appreciate any comments about our software and manual. As you may know, we are only human, we can do no more than our best to provide you with the best quality software. If we do notice some inconsistencies between the documentation and the software, there may be some additional text files on the program disk.

1.2 This manual

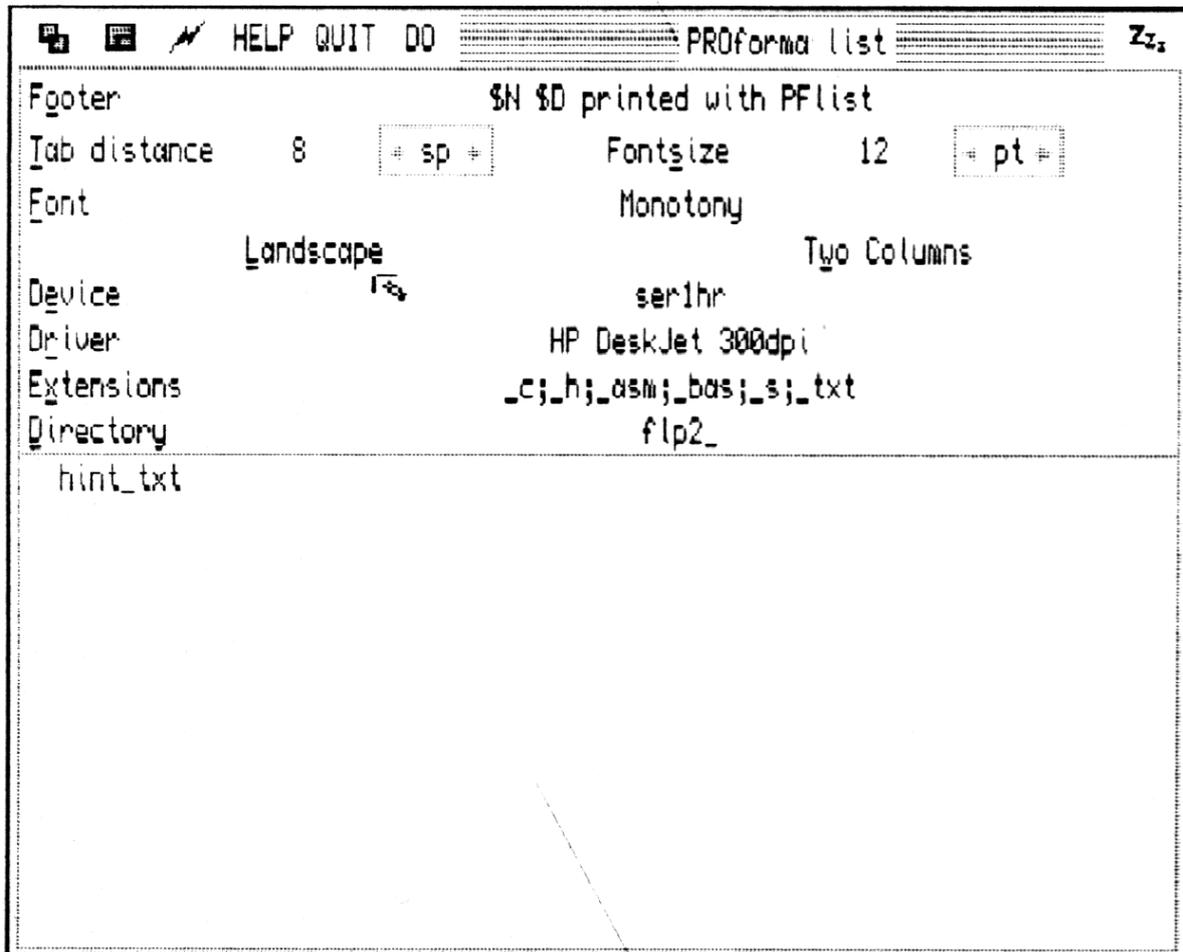
This manual has been produced using a specialised in-house program to print text using the PROforma software, such that LINEdesign pictures can be included. The text was printed on an Atari SLM804 laser printer using the Yearbook and Typewriter font families. The pages were rendered by an Atari TT under QDOS emulation (level E drivers). All the pictures in this manual are LINEdesign pictures.

2. User Interface

There are a lot of settings that can be changed, when using the program. All these settings can also be configured, so that you don't have to change them all the time if you always want to use the same settings.

The program runs in the Pointer Environment, which is directly visible, and offers the advantage of not having to learn an all new user-interface. If you are not already familiar with Pointer Environment programs, read the addendum at the back of this manual.

menu-bar



directory-window

The menu-bar contains the name of the program and a set of standard commands, like the MOVE, RESIZE, SLEEP and WAKE icons, as well as the Help, Quit, Do items. These all have the standard functions. The Do item, which is also activated by pressing <enter> (as usual) will actually start the program printing with the chosen parameters. If no file is selected, it will do nothing.

The directory-window shows all the files in the selected directory, that have one of the wanted endings, as given in the Extensions menu.

The device is the device where you print to. This normally is something like ser1, par; but it could also be a file.

The driver depends on the printer that you want to send your data to. You can select any of the installed PROforma drivers.

You can also change the font and fontsize that are used to print.

The footer that always appears on the page can be changed, as well as the tab-distance that should be used when a TAB-character is encountered. This distance can be expressed in a number of units. The standard is a number of characters.

Now we will give a more elaborate description of each of the items.

2.1 Footer

Edit or type the footer. This will always appear at the bottom of the page.

To get the date printed, type

\$D

with D from Date.

The date will be printed, every time these two letters appear in the footer. If you just want to print these two letters in the footer, then you have a problem (or we ?). The check is case-dependent.

To get the name of the file printed in the footer, type

\$N

with N for Name.

The name of file you are printing will be printed, every time these two letters appear in the footer. As with the date, you will have a problem if you just want to print these two letters in the footer. This check is also case-dependent.

The footer will appear in the same size and font as the rest of the text, but will be separated from the text by a one and a half empty lines,

2.2 Tab Distance

Each TAB character (cods = 9) will be replaced by a tabbing space. This space can be expressed in a number of units

- sp : space-characters, or with a mono-spaced font, just characters.
- pt points, the standard unit to express font-sizes.
- mm : millimetres,
- in : inches.
- cm: centimetres.

Please note that giving a tab distance in anything else than 'sp' is only useful for listings in which each tab stop is actually represented by a tab character (like most assembler listings).

2.3 Font Size

Choose the font-size in which the whole listing will be printed. The footer will appear in the same size.

The fontsize can also be expressed in a number of units

- pt : points, the standard unit to express font-sizes.
- mm: millimetres.
- in: inches.
- cm: centimetres.

2.4 Font

Select the font used to print the text and footer.

The standard selected font, Monotony, is a monospaced font that renders very good, even at small sizes. There are some other fonts supplied with the program. If you have other fonts, like from LINEdesign, you can also select one of these, if the right PFontmap file is used (see part about PROforma for more explanation).

When you select this item, you will get a list of fonts that are known in the fontmap. The font will only be loaded when you start printing.

2.5 Landscape

If this item is indicated, the listing is printed sideways on the page. This has the advantage that the lines can be longer, but that less lines fit on the page.

This is especially useful in combination with the next item : two columns

2.6 Two Column

This will, instead of just printing one column, produce two columns of listing. This is very useful e.g. for assembler source, where the lines are normally very short, or when you indicated Landscape.

The imageable area is put in half and a small gutter is provided. A line that is too long will be truncated. Only that part will be printed that fits in the column, the rest will be cut off.

2.7 Device

Select the right device for you to print to.

If no device is given here the driver will use the its default device.

2.8 Driver

Select the driver, depends on the machine you want the output produced on. There are a great deal of drivers supplied with the program, or more accurately: with PROforma.

2.9 Extensions

Select the extensions with which the filenames have to end. to be shown in the directory window.

Just type or edit the extension. You can show files ending with different extensions, just separate the extensions with a semi-colon (';').

This has the advantage that you can show all the assembler (Lasm) files, as well as the c-sources (.c), as well as the header-files (.h) if '_asm;.c;.h' is your extension.

2.10 Directory

Where to search for these files? In the right directory!

To select the directory, just indicate the item, and you will get a directory select window. This will allow easy cruising through your directory-tree, and easy switching of devices.

2.11 Producing a Listing

Set all the items to the required values. Remember you can also configure each one of them (e.g. if you always use the game device).

Select one or more files in the directory window. If you want to select them all, you will have to indicate each one of them. There is no ALL-function, because such function is inherently dangerous. Imagine you indicate this in a large directory, with a lot of large binary files... Then indicate the DO item, and the program will start printing. The printing will continue in the background.

Charls-Light

space	!	"	#	\$	%	&	'	()	*	+	,	-	.
/	0	1	2	3	4	5	6	7	8	9	:	;	<	=
greater	?	@	A	B	C	D	E	F	G	H	I	J	K	L
M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	[
\	\]	asciicircum	underscore	grave	a	b	c	d	e	f	g	h	i	j
k	l	m	n	o	p	q	r	s	t	u	v	w	x	y
z	{	|	}	asciitilde	exclamdown	cent	sterling	currency	yen	section	dieresis	copyright	ordfeminine	guillemot
logicalnot	registered	plusminus	twosuperior	threesuperior	acute	nu	paragraph	cedilla	onesuperior	ordmasculine	guillemotright	onequarter	onehalf	threequarter
questiondown	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í
circumflex	Idieresis	Eth	Ntilde	Ograve	Oacute	Ocircumflex	Otilde	Odieresis	multiply	Oslash	Ugrave	Uacute	Ucircumflex	Udieresis
Yacute	Thorn	germandbls	agrave	aacute	acircumflex	atilde	adieresis	aring	ae	cedilla	egrave	eacute	ecircumflex	edieresis
igrave	iacute	icircumflex	idieresis	eth	ntilde	ograve	oacute	ocircumflex	otilde	odieresis	divide	oslash	ugrave	uacute
ucircumflex	udieresis	yacute	thorn	ydieresis	dotlessi	Lslash	lslash	OE	oe	Scaron	scaron	Ydieresis	Zcaron	zcaron
florin	hungarumlaut	caron	macron	breve	dotaccent	ring	ogonek	endash	emdash	quoteleft	quoteright	quotesingbase	quotedblleft	quotedblright
quotedblbase	dagger	daggerdbl	bullet	ellipsis	perthousand	guillemotleft	guillemotright	trademark	fraction	periodcentered	fl			

FoxTrotMedium

space	exclam	quotedbl	#	\$	%	&	'	()	*	+	,	-	.
/	0	1	2	3	4	5	6	7	8	9	:	;	<	=
>	?	@	A	B	C	D	E	F	G	H	I	J	K	L
M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	[
\	\]	^	_	grave	a	b	c	d	e	f	g	h	i	j
k	l	m	n	o	p	q	r	s	t	u	v	w	x	y
z	{	|	}	~	nbsp	exclamdwn	cent	sterling	currency	yen	brokenbar	section	dieresis	copyright
ordfeminine	guillemotleft	logicalnot	registered	degree	plusminus	twosuperior	threesuperior	acute	mu	paragraph	cedilla	onesuperior	ordmasculine	guillemotright
questdown	Agrave	Aacute	Acircumflex	Atilde	Adieresis	Aring	AE	Cedilla	Egrave	Eacute	Ecircumflex	Edieresis	Igrave	Iacute
Icircumflex	Iidieresis	Eth	Ntilde	Ograve	Oacute	Ocircumflex	Otilde	Odieresis	multiply	Oslash	Ugrave	Uacute	Ucircumflex	Udieresis
Yacute	germandbls	agrave	aacute	acircumflex	atilde	adieresis	aring	ae	cedilla	egrave	eacute	ecircumflex	edieresis	igrave
iacute	icircumflex	idieresis	ntilde	ograve	oacute	ocircumflex	otilde	odieresis	divide	oslash	ugrave	uacute	ucircumflex	udieresis
Yacute	Ydieresis	dotlessi	Lslash	OE	oe	Saron	scaron	Ydieresis	Zaron	zaron	florin	hungarumlaut	caron	macron
breve	dotaccent	ring	ogonek	circumflex	tilde	pi	endash	endash	quoteleft	quoteright	quotesinglbase	quotedblleft	quotedblright	quotedblbase
dagger	daggerdbl	bullet	ellipsis	perthousand	guillemotleft	guillemotright	trademark	partialdiff	Delta	product	summation	minus	fraction	periodcent
radical	infinity	integral	approxequal	notequal	lesseqqual	greaterequal	lozenge	apple						

Linotext

space	exclam	quotedbl	numbbersgn	dollar	percent	ampersand	parenleft	parenright	asterisk	plus	comma	hyphen	period	slash
zero	one	two	three	four	five	six	seven	eight	nine	colon	semicolon	less	equal	greater
question	at	A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z	bracketleft	backslash
bracketright	asciicircum	underscore	grave	a	b	c	d	e	f	g	h	i	j	k
l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
{	|	}	asciitilde	exclamdwn	cent	sterling	currency	yen	section	dieresis	copyright	ordlemine	guillemotleft	logicalnot
®	acute	paragraph	cedilla	ordmasculine	guillemotright	questiondown	Agrave	Aacute	Acircumflex	Atilde	Adieresis	Aring	AE	Cedilla
Egrave	Eacute	Ecircumflex	Edieresis	Igrave	Iacute	Icircumflex	Idieresis	Ntilde	Ograve	Oacute	Ocircumflex	Otilde	Odieresis	Oslash
Ugrave	Uacute	Ucircumflex	Udieresis	germandbls	agrave	aacute	acircumflex	atilde	adieresis	aring	ac	cedilla	egrave	eacute
ê	ë	ì	í	î	ï	ñ	ò	ó	ô	õ	ö	ø	ù	ú
êcircumflex	ëdieresis	igrave	iacute	îcircumflex	ïdieresis	ntilde	ograve	oacute	ocircumflex	otilde	odieresis	oslash	ugrave	uacute
û	ü	ÿ	dotlessi	OE	oe	florin	breve	ring	circumflex	tilde	endash	emdash	quoteleft	quoteright
“	”	„	†	‡	•	⋯	‰	<	>	™	◦	fi	fl	
quotedblleft	quotedblright	quotedblbx	dagger	daggerdbl	bullet	ellipsis	perthousand	guillemotleft	guillemotright	trademark	periodcenteredfi		fl	

Monotony

space	!	"	#	\$	%	&	'	()	*	+	,	-	.
exclam	quotedbl	numeralsign	dollar	percent	ampersand	quotesingle	pareleft	paretright	asterisk	plus	comma	hyphen	period	
/	0	1	2	3	4	5	6	7	8	9	:	;	<	=
slash	zero	one	two	three	four	five	six	seven	eight	nine	colon	semicolon	less	equal
>	?	@	A	B	C	D	E	F	G	H	I	J	K	L
greater	question	at	A	B	C	D	E	F	G	H	I	J	K	L
M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	[
M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	bracketleft
\	\]	^	_	'	a	b	c	d	e	f	g	h	i	j
backslash	bracketright	asciicircum	underscore	grave	a	b	c	d	e	f	g	h	i	j
k	l	m	n	o	p	q	r	s	t	u	v	w	x	y
k	l	m	n	o	p	q	r	s	t	u	v	w	x	y
z	{	|	}	~		¡	¢	£	¤	¥	§	¨	©	ª
z	braceleft	bar	braceright	asciitilde	nbsp	exclamdown	cent	sterling	currency	yen	section	dieresis	copyright	ordfemini
«	¬	®	°	±	´	µ	¶	¸	º	»	¿	À	Á	Â
guillemotleft	logicalnot	registered	degree	plusminus	acute	mu	paragraph	cedilla	ordmasculine	guillemotright	questiondown	Agrave	Aacute	Acircumfl
Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï	Ñ	Ò
Atilde	Aadieresis	Aaring	AE	Ccedilla	Egrave	Eacute	Ecircumflex	Edieresis	Igrave	Iacute	Icircumflex	Idieresis	Ntilde	Ograve
Ó	Ô	Õ	Ö	Ø	Ù	Ú	Û	Ü	ß	à	á	â	ã	ä
Oacute	Ocircumflex	Otilde	Oadieresis	Oslash	Ugrave	Uacute	Ucircumflex	Udieresis	germandbls	agrave	aacute	acircumflex	atilde	adieresis
ã	æ	ç	è	é	ê	ë	ì	í	î	ï	ñ	ò	ó	ô
aring	ae	cedilla	egrave	eacute	ecircumflex	edieresis	igrave	iacute	icircumflex	idieresis	ntilde	ograve	oacute	ocircumfle
õ	ö	÷	ø	ù	ú	û	ü	ÿ	ı	Œ	œ	ÿ	f	"
otilde	odieresis	divide	oslash	ugrave	uacute	ucircumflex	udieresis	ydieresis	dotlessi	OE	oe	Ydieresis	flurin	hungaruml
˘	ˉ	˘	˙	˚	˛	˜	π	—	—	‘	’	‚	“	”
caron	macron	breve	dotaccent	ring	ogonek	circumflex	tilde	pi	endash	emdash	quotationleft	quotationright	quotingbase	quotationright
”	”	†	‡	•	…	‰	<	>	™	∂	Δ	Π	Σ	/
quotationright	quotationright	dagger	daggerdbl	bullet	ellipsis	perthousand	guillemotleft	guillemotright	trademark	partialdiff	Delta	product	summation	fraction
·	√	∞	∫	≈	≠	≤	≥	◊	☉	fi	fl	†		
periodcentered	radical	infinity	integral	approxequal	notequal	lesseqqual	greaterequal	lozenge	apple	fi	fl	†		

NeuSerif

space	exclam	quotedbl	numbbersgn	dollar	percent	ampersand	quotesingle	parenleft	parenright	asterisk	plus	comma	hyphen	period
/	0	1	2	3	4	5	6	7	8	9	:	;	<	=
slash	zero	one	two	three	four	five	six	seven	eight	nine	colon	semicolon	less	equal
>	?	@	A	B	C	D	E	F	G	H	I	J	K	L
greater	question	at	A	B	C	D	E	F	G	H	I	J	K	L
M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	[
M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	bracketleft
\	\]	^	_	`	a	b	c	d	e	f	g	h	i	j
backslash	bracketright	asciicircum	underscore	grave	a	b	c	d	e	f	g	h	i	j
k	l	m	n	o	p	q	r	s	t	u	v	w	x	y
k	l	m	n	o	p	q	r	s	t	u	v	w	x	y
z	{	|	}	~	¡	¢	£	¤	¥	§	¨	©	<<	⌞
z	braceleft	bar	braceright	asciitilde	exclamdown	cent	sterling	currency	yen	section	dieresis	copyright	guillemotleft	logicalnot
®	°	±	´	µ	¶	>>	¿	À	Á	Â	Ã	Ä	Å	Æ
registered	degree	pluminus	acute	mu	paragraph	guillemotright	questiondown	Agrave	Aacute	Acircumflex	Atilde	Adieresis	Aring	AE
Ç	È	É	Ê	Ë	Ì	Í	Î	Ï	Ð	Ñ	Ò	Ó	Ô	Õ
Cedilla	Egrave	Eacute	Ecircumflex	Edieresis	Igrave	Iacute	Icircumflex	Idieresis	Eth	Ntilde	Ograve	Oacute	Ocircumflex	Otilde
Ö	×	Ø	Ù	Ú	Û	Ü	Ý	ß	à	á	â	ã	ä	å
Odieresis	multiply	Oslash	Ugrave	Uacute	Ucircumflex	Udieresis	Yacute	germandbls	agrave	aacute	acircumflex	atilde	adieresis	aring
œ	ç	è	é	ê	ë	ì	í	î	ï	ð	ñ	ò	ó	ô
ae	cedilla	egrave	eacute	ecircumflex	edieresis	igrave	iacute	icircumflex	idieresis	eth	ntilde	ograde	oacute	ocircumflex
õ	ö	÷	ø	ù	ú	û	ü	ý	ÿ	ı	Ł	ł	Œ	œ
otilde	odieresis	divide	oslash	ugrave	uacute	ucircumflex	udieresis	yacute	ydiereis	dotlessi	Lslash	Lslash	OE	oe
Š	š	Ÿ	Ž	ž	f	℥	•	π	—	—	ˆ	ˆ	ˆ	ˆ
Saron	scaron	Ydieresis	Zaron	zaron	florin	hungarianlira	dotaccent	pi	endash	endash	quotationleft	quotationright	quotationleft	quotationright
”	”	†	‡	•	…	‰	™	∂	Δ	Π	Σ	-	/	•
quotedblright	quotedblbase	dagger	daggerdbl	bullet	ellipsis	perthousand	trademark	partialdiff	Delta	product	summation	minus	fraction	periodcentered
√	∞	∫	≈	≠	≤	≥	◊	🍏	fi	fl				
radical	infinity	integral	approxequal	notequal	lesseqqual	greaterequal	lozenge	apple	fi	fl				