

Text syntax for **enhpost**

enhpost is the product of David Denholm and Matt Heffron.

This writeup is the product of Dick Crawford.

	text	result
Superscripts are denoted by ^:	'10^{-2}'	10^{-2}
Subscripts are denoted by _:	'A_{j,k}'	$A_{j,k}$
Braces are not needed for single characters:	'e^x'	e^x
Use @ to align sub- and superscripts:	'x@^2_k'	x_k^2
Put the shorter of the two first:	'x@_0^{-3/2} y'	$x_0^{-3/2} y$
...rather than:	'x@^{-3/2}_0 y'	$x_0^{-3/2} y$
Font changes are enclosed in braces:	'{/Times-Roman m}'	m
...size, too:	'{/=8 m}'	m
...or both:	'{/Times-Roman=18 a}'	a
Characters can be specified by code:	'{\120}'	P
...which is how to get nonkeyboard characters:	'{\267}'	•
Use keyboard characters or codes for other fonts:	'{/Symbol p \271 22/7}'	$\pi \neq 22/7$
Everything outside braces is in the default font:	'P = {/Symbol r}kT'	$P = \rho kT$
Special characters (^,_,{,},@,\) can be escaped by \:	'f\{x,y\}'	$f\{x,y\}$

Everything can be done recursively.

The text `'{/Symbol=18 \362@_/{/=9.6 0}^/{/=12 \245}'`
`{/Helvetica e^{-{/Symbol m}^2/2} d}{/Symbol m = (p/2)^{1/2}}'`
 produces the result: $\int_0^\infty e^{-\mu^2/2} d\mu = (\pi/2)^{1/2}$

Note how font sizes and definitions are preserved across pairs of braces.

The default font is /Helvetica=14.

This may be changed on the **set terminal enhpost** command.

More information may be found in the manual or the online **help**.

enhpost may be obtained by anonymous ftp from **sotona.phys.soton.ac.uk**.

PostScript Character Codes

T = text (here Times-Roman) S = Symbol Z = ZapfDingbats

T	S	Z	T	S	Z	T	S	Z	T	S	Z								
040			106	F	Φ	◆	154	l	λ	●	264	·	×	⑨	332	Ú	√	➤	
041	!	!	✂	107	G	Γ	◇	155	m	μ	○	265	μ	∞	⑩	333	Û	↔	→
042	"	∇	✂	110	H	H	★	156	n	v	■	266	¶	∂	❶	334	Ü	⇐	➡
043	#	#	✂	111	I	I	☆	157	o	o	□	267	•	•	❷	335	Ý	↑	→
044	\$	Ξ	✂	112	J	ϑ	⊕	160	p	π	□	270	,	÷	❸	336	Þ	⇒	→
045	%	%	✂	113	K	K	☆	161	q	θ	□	271	„	≠	❹	337	ß	↓	➡
046	&	&	✂	114	L	Λ	☆	162	r	ρ	□	272	”	≡	❺	340	à	◇	➡
047	'	ə	✂	115	M	M	☆	163	s	σ	▲	273	»	≈	❻	341	Æ	⟨	➡
050	(	(	✂	116	N	N	☆	164	t	τ	▼	274	...	...	❼	342	â	®	➤
051	)	)	✂	117	O	O	☆	165	u	υ	◆	275	‰	|	❽	343	ª	©	➤
052	*	*	✂	120	P	Π	☆	166	v	ϖ	◆	276	¾	—	❾	344	ä	™	➤
053	+	+	✂	121	Q	Θ	★	167	w	ω	◐	277	¿	↵	❿	345	å	Σ	➡
054	,	,	✂	122	R	P	✱	170	x	ξ	|	300	À	⌘	❶	346	æ	(➡
055	-	-	✂	123	S	Σ	*	171	y	ψ	|	301	`	Ⓕ	❷	347	ç	|	➡
056	.	.	✂	124	T	T	*	172	z	ζ	■	302	´	Ⓖ	❸	350	Ł	(➡
057	/	/	✂	125	U	Υ	✂	173	{	{	‘	303	^	Ⓗ	❹	351	Ø	[➡
060	0	0	✂	126	V	ς	*	174	|	|	’	304	~	⊗	❺	352	Œ	|	➡
061	1	1	✂	127	W	Ω	*	175	}	}	“	305	-	⊕	❻	353	°	[➡
062	2	2	✂	130	X	Ξ	*	176	~	~	”	306	˘	∅	❼	354	ì	[➡
063	3	3	✓	131	Y	Ψ	*	241	ı	Ÿ	Ⓒ	307	·	∩	❽	355	í	{	➡
064	4	4	✓	132	Z	Z	*	242	ç	’	•	310	¨	∪	❾	356	î	|	➡
065	5	5	✕	133	[	[	*	243	£	≤	•	311	É	⊃	❿	357	ï	|	➡
066	6	6	✕	134	\	∴	*	244	/	/	♥	312	°	⊇	❶	360	ð		
067	7	7	✕	135	]	]	*	245	¥	∞	•	313	¸	♀	❷	361	æ	}	➡
070	8	8	✕	136	^	⊥	✂	246	f	f	⊙	314	Ì	⊂	❸	362	ò]	➡
071	9	9	✂	137	_	—	✂	247	§	♣	♣	315	ˆ	⊆	❹	363	ó	(➡
072	:	:	✂	140	‘	—	✂	250	¤	◆	♣	316	˘	∈	❺	364	ô	|	➡
073	;	;	✂	141	a	α	✂	251	’	♥	◆	317	˘	∉	❻	365	ı]	➡
074	<	<	✂	142	b	β	*	252	“	♠	♥	320	—	∠	❼	366	ö)	➡
075	=	=	✂	143	c	χ	✂	253	«	↔	♠	321	Ñ	∇	❽	367	÷	|	➡
076	>	>	✂	144	d	δ	✂	254	<	←	❶	322	Ò	®	❾	370	ı)	➡
077	?	?	✂	145	e	ε	✂	255	>	↑	❷	323	Ó	©	❿	371	ø	|	➡
100	@	≡	✂	146	f	φ	✂	256	fi	→	❸	324	Ô	™	➡	372	œ	|	➡
101	A	A	✂	147	g	γ	✂	257	fl	↓	❹	325	Õ	Π	→	373	ß]	➡
102	B	B	✂	150	h	η	✂	260	°	°	❺	326	Ö	√	↔	374	ü	|	➡
103	C	X	✂	151	i	ι	✂	261	-	±	❻	327	×	·	↕	375	ý	}	➡
104	D	Δ	✂	152	j	φ	✂	262	†	”	❼	330	∅	¬	➡	376	þ]	➡
105	E	E	✂	153	k	κ	*	263	‡	≥	❽	331	Ù	∧	➡				