

'kgwrite' uses a coordinate system in (mm) suitable for A4size paper, which is 210x297. All text processing commands start in a new line with '\$' as the first character. In case the text width crosses 210 then the output will be in landscape mode with a maximum bottom page limit of 210. Please note that multiple parametrers are seperated by a space character.

### Basic Commands:

(all in a newline starting with '\$')

o<int> :left offset/margin in (mm)  
m<int> :right end position in (mm)  
h<int> :character height in points;  
default 12  
w<int> :character width in points,  
default 12  
s<int> :line space in points; default is  
24  
l :left justify  
r :right justify  
c :center  
a :adjust gap and fill the line  
f<int> :select font no.  
tc<int> :text color  
U<int> : Start/stop under lining text  
<int> 1 to start;0 to stop  
LE<int> :page limit in (mm) default 290  
LS<int> :page start in (mm) default 22  
A<int> :Advance in no of lines  
X :Store current line position  
Y :return to stored position  
P :force new page

DL :Draw line  
DI<string> <int> <int> :  
import image file; <file name>  
<width> <height>

### Advanced Commands:

SP :start para; ends with a new line  
starting with \$SE  
SB :similar to para, but with out  
offset  
SL :List item end with new line with

\$SE multiple item can be added in  
similar way Starting characters can  
be used to decide list type and  
'!%' can be used to align first line  
and separating the list symbol  
ST<int> :start table <int> is table type  
SA :align the line with dots inserted;  
adjust to left-right margins. The  
character pair '| |' are used for  
identifying dots position.

SO<int> :para offset  
SH<int> <char> : H e a d i n g < i n t >  
heading Level Level 7 to  
1 and <char> c,r,l for  
justification

SY<int> :Hyphenation <int> 1 or 0 for  
on/off; default off

SJ<int> :0 means no right justification  
for para, list etc; 1 default

SE :end para list table block doted  
lines

MC :Make contents page

Hl<string> :string for top left

Hr<string> :string for top right

Hd<int> :draw top line 1 or 0 to draw or  
not

Bl<string> :string for bottom left

Br<string> :string for bottom right

Bd<int> :draw bottom line 1 or 0 to draw  
or not

Nn :no page number

Na :regular page numbers

Nr :roman page numbers

NP<int> :offset for page no position in  
(mm);need to adjust page length

accordingly

Ns :Reset page number  
No<int> :offset page no with <int>  
NTl :page no at top left  
NTr :page no at top right  
NTm :page no at top middle  
NBl :page no at bottom left  
NBr :page no at bottom right  
NBm :page no at bottom middle  
Np<int> :0 switch off page number,  
top/bottom lines/strings

GY<int> :line style  
GW<int> :line width

### In line Commands:

There are in line commands for Foot Note,  
Reference and word group.They are text  
enclosed using \<code> and end with \E.

Foot note : N  
Reference : R  
Words group : W