XEROX

INFORMATION PRODUCTS GROUP
Systems Development Division
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To: User Interface Group

From: Dave Smith / SD at Palo Alto

Subject: Janus Keyboard

Filed on: <davesmith>janus-keyboard.bravo and .press

Here is yet another iteration of the Janus keyboard. It incorporates all the Functional Spec keys with a couple of exceptions and additions, to wit:

I got rid of most SHIFT+FUNCTION key combinations and all CODE+FUNCTION combinations.
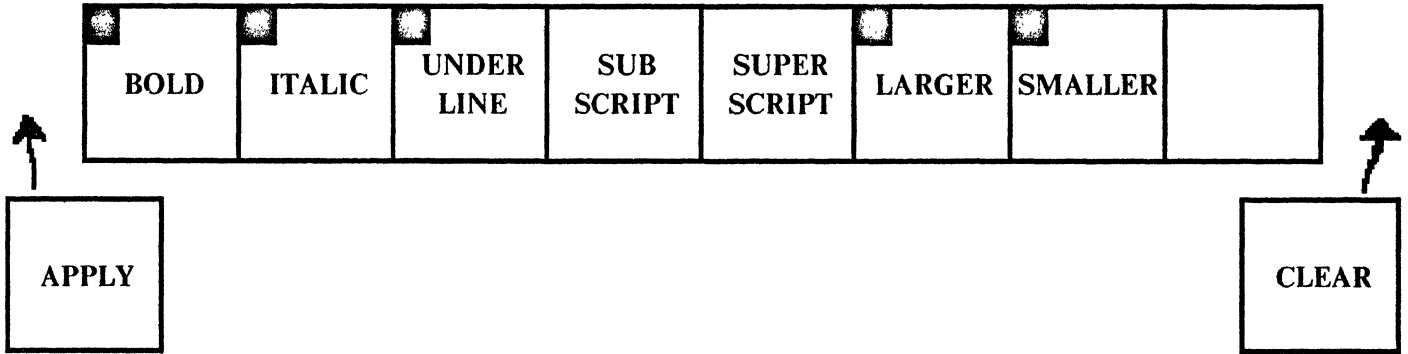
Top function group: I rearranged things somewhat. I put the top row back to just character properties. Several people (Linda included) mentioned that it seemed to be a mixed bag in the Functional Spec. I put LARGER and SMALLER back in because, with them in, there will be less reason for the user to have to go the text option sheet. (Changing size is the most frequent reason for changing fonts.) The last key is unused. (I'd like to make it SMALL CAPS, since I think that will be common, but Larry points out it is redundant.)

Left function group: I put EXTEND where it could be more easily held down while manipulating the mouse, renamed ABORT to CANCEL and removed it from the top of UNDO, and rearranged one or two other keys. REFORMAT can go in the window menu (replacing RESET), while I simply don't see the need for YES and NO (Y and N working quite well). Also I don't know where to put OVERRIDE (if we really want it). I still don't like the position of CANCEL -- too close to UNDO. In fact, the left-most column of keys doesn't seem correct yet.

Right function group: I rearranged things, put INDENT, CENTER, JUSTIFY and their inverses on the right side (LEFT FLUSH can just be UNCENTER), and got rid of the other SHIFT combinations. All (and *only*) the right column of function keys can be shifted. I put STYLE where it could be more easily held down like a shift key. SYSLOG I thought could go in the Message/Response Area like ATTN. I don't know where to put STOP (if we really want it). ADD RECORD can go in a menu, like ADD ROW and ADD COLUMN for tables.

The black squares are not meant to signify lights (LEDs). They simply denote keys that seem (to me) to involve setting a state. How they are highlighted is another matter.

Top function group
(character properties)

BOLD	ITALIC	UNDER LINE	SUB SCRIPT	SUPER SCRIPT	LARGER	SMALLER	

APPLY

CLEAR

AGAIN	SHOW OPTIONS	SHOW CARRIAGE
LOOKS LIKE	MOVE	SEARCH
CANCEL	COPY	SUBST
UNDO	DELETE	EXTEND

Left function group
(editing)

HELP		OUTDENT —— INDENT
PAGE	NEXT RECORD	UNCENTER —— CENTER
FRAME	NEXT BLOCK	UNJUSTIFY —— JUSTIFY
STYLE	NEXT FIELD	DEFINE —— EXPAND

Right function group
(fields, formatting)