"HIDDEN" HYPERCARD FEATURES

--> non-obvious features, behaviours, and shortcuts...

âŒ¥2000   Objects and Tools

âŒ˜-TAB-(TAB)-(TAB) for browse/btn/fld tool
âŒ˜-SH-TAB from background layer for browse tool & card layer
âŒ˜-OPT to show visible buttons
âŒ˜-OPT-SH to show visible buttons and fields
   --> won't work if the stack is protected with CantPeek = true
âŒ˜-OPT-SH-CLICK on button/field to show script
âŒ˜-CLICK on UNLOCKED FLD to send mouseDown (also copies word to Msg)
OPT-TAB to toggle visibility of tools palette

WHEN USING FIELD/BUTTON TOOL:
     âŒ˜-DRAG to create new
     (SH)-OPT-DRAG to clone (constrained) [without contents!]
     SH-DRAG, SH-RESIZE to constrain
      --> SH-RESIZE a round-rect, default, standard, or pop-up button gives it standard height
     SH-DOUBLE-CLICK to show script
     DOUBLE-CLICK to show info dialog
     âŒ˜-T to show font/style dialog
     âŒ˜-OPT to show all (even hidden!); and CLICK then shows script

     Notes:
      Buttons in the background can see thru the cd pict
      A field is "list" style if LockText and AutoSelect are both true
      A bg fld shows / allows editing of text entered in background if SharedText is true, and shows/ allows editing of text entered in card if SharedText is false

âŒ¥2000   Navigation and Screen

FIELDS:
     TAB to go next fld (or RETURN in last line of fld if it is AutoTab)
     SH-TAB to go prev fld
     "next" means with next higher number (closer), of same layer (cd/bg), if there is one; or, if not, field 1 (farthest) of other layer, if there is one; or, if not, field 1 of same layer
     ENTER to leave fld

WINDOWS:
     âŒ˜-L to cycle thru windows
     âŒ˜-SH-L to cycle backwards thru windows
     âŒ˜-SH-E to give card window a resize box
      and allow grabber scrolling (hold âŒ˜ to maintain)
     DBL-CLICK in SCROLL palette to zoom & center

MENUBAR:
     âŒ˜-SPACE to toggle menubar

GO:

```
    LEFT-ARROW = prev card
    RT-ARROW = next card
    âŒ˜-LEFT-ARROW = first card
    âŒ˜-RT-ARROW = last card
    ~ (or ESC) = go back to previously viewed cd (âŒ˜-~ if in paint mode)
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SH-ESC = go back without closing
    DOWN-ARROW = go back through recently seen cards
    UP-ARROW = go forth through recently seen cards
    âŒ˜-DOWN-ARROW to push card
    âŒ˜-UP-ARROW to pop card
        --> OPTION-ARROW accesses arrow-navigation between cards when the insertion point is in text if the TextArrows is true

FIND:
    RETURN after FIND starts find after this instance
    âŒ˜-SH-F to find as find whole
        --> FIND finds first card containing words starting with all find-words. It's fastest if all find-words are multiples of three letters in length. FIND WHOLE finds first card containing all exact find-words in same field in same order.

âŒ¥2000   Text

MSG:
     âŒ˜-CLICK or âŒ˜-DRAG in fld (locked or unlocked) to copy word(s) into msg
    UP-ARROW to start of msg
    DOWN-ARROW to end of msg
    âŒ˜-A to select whole msg (but you have to be already in the msg box; there is still no keyboard command to put the insertion point into the msg box if it is already showing, you have to use the mouse. Grrrrr.)

FONTS/STYLE shortcuts in fields (all âŒ˜-SH):
    P = plain, B = bold, I = italic, U = underline
    O = outline, S = shadow, C = condense, X = extend
    G = group;] = next font, [= prev font
    < and > = change font size, - and + = change line space
âŒ˜-A to select all
âŒ˜-SH-Z to revert field
âŒ˜-SH-D to remove styling (default)

âŒ¥2000   Menus

ABOUT: OPT-ABOUT for system info
  (seems no longer to work in 2.2)
NEW: SH-NEW for new in new window
OPEN: âŒ˜-SH-O or SH-OPEN to open in new window
COMPACT: âŒ˜-OPT-COMPACT to rebuild font table
PROTECT STACK: âŒ˜-choose FILE menu to override low userlevel
PRINT: SH-PRINT for full dialogs
UNDO: just ~ or ESC if in paint mode
PASTE:
    âŒ˜-SH-V FIELD/BUTTON pastes field/button with its contents

⌘-SH-V CARD pastes mini-picture of card
        (if saved with OPT-COPY CARD, pastes full pict of card)
DELETE CARD: ⌘-DELETE
CLOSER/FARTHER: ⌘-SH-PLUS/MINUS to move fully

✪2000   Painting

~ (or ESC) to undo
hold OPT-D to show just cd pict
hold OPT-O to show just opaque objects
TAB to toggle visibility of patterns palette
SH-TAB to create new patterns palette
when paint tool selected, menus import/export paint appear

```
TOOL    |⌘˜     |SH       |OPT       |DBL-CLICK |
select  |snap-to |         |lasso     |all       |
lasso   |all     |         |no snap   |all indiv |
pencil  |fatbits |constrain|          |fatbits   |
brush   |erase   |         |          |brushes   |
eraser  |white   |constrain|          |all       |
line    |        |const 15°|pattern   |thickness |
spray   |erase
```

```
|constrain|         |           |
bucket  |         |         |         |patterns  |
text    |        |         |         |font/style|
rect    |move     |square   |border pat|fill      |
oval    |move     |circle   |border pat|fill      |
reg poly|move     |const 15°|border pat|#sides    |
poly    |        |const 15°|border pat|fill      |
curve   |        |         |border pat|fill      |
patterns|        |         |          |edit      |
```

SH-DRAG selection to constrain movement
OPT-DRAG selection to clone
⌘˜-OPT-DRAG selection to trail copies (frequ: OPT-1 thru -9)
OPT-1 thru -9 before drawing multiple for spacing
⌘˜-S after typing paint text to select paint text
OPT-DRAG in FATBITS for grabber
OPT-F in FATBITS to leave fatbits

POWERKEYS:
    Select tool; select All; toggle Grid, Centered, Multiple
    Opaque; Transparent; Invert; Fill; Darken; Lighten
    Black pattern; White pattern; trace Edges; Pickup
    [= rotate left;] = rotate right; flip Vertical; flip Horizontal
    1-8 = line width
    Revert

✪2000   Icon Editor

TOOLS: OPT for grabber; ⌘˜ for select; OPT-drag clones selection

MENUS: âŒ˜-OPT-V pastes picture instead of whole icon

POWERKEYS:
    flip Horizontal; flip Vertical; Mirror horizontal; X = mirror vertical
    [= rotate left;] = rotate right
    Gray; Invert; Shadow; Frame; Opaque selection; Transparent selection
    Erase all; Revert

ARROWKEYS:
    LEFT-ARROW = prev icon
    RT-ARROW = next icon
    âŒ˜-LEFT-ARROW = first icon
    âŒ˜-RT-ARROW = last icon

âŒ˜¥2000　　　　　Reports

DBL-CLICK a CELL to specify report items
IN CELL:
    âŒ˜-DRAG to create new item
    OPT-DRAG to clone
    DBL-CLICK an ITEM to specify that item
    âŒ˜-DRAG an ITEM to move/resize precisely
      --> note that a text string or HT expression can be its "contents"
      --> when the Reports menu is showing you can cut/copy/paste a template

âŒ˜¥2000　　　　　Home Stack Handlers

--> you can type these shortcuts into the Msg box

HELP <TOPIC> for hypercard help
HYPERTALK <TOPIC> for hypertalk help
NAV to show navigator palette
VW for variable watcher
MW for message watcher
SE to change script editor defaults
C for card info
B for background info
S for stack info
SS <STR>,<STACKNAME> to seek string in scripts
XY to show mouse coordinates

âŒ˜¥2000　　　　　Scripting and Debugging

âŒ˜-OPT-C/B/S to open cd/bg/stack script
    (again, to bring to front or close)
âŒ˜-OPT-SH-CLICK on object to open object script
DBL-CLICK " or (to select text between
TRIPLE-CLICK to select line
OPT-RETURN for soft return
TAB to format

ENTER to close script and save
âŒ˜-. to close script and don't save
âŒ˜-OPT-CLICK IN SCRIPT to close
OPT-CLICK IN CLOSE BOX to close all
OPT-CLICK IN SCRIPT to set/kill checkpoint
OPT-SH-CLICK ON CHECKPOINT to kill all checkpoints
type Debug Checkpoint to set permanent checkpoint
âŒ˜-OPT-. to start debugging
rects in lines of global var ScriptWindowRects determine script window placement

âŒ¥2000   Miscellaneous Tips

•Any stack can be "Home": rename or hide "Home", HC will then ask for "Home" on startup and you can designate any stack.
•When you save as a stand-alone app, the app itself is Home; "go home" will go to it (but "go stack "Home"" will not), and stacks in use precede in hierarchy. Default global properties are used, some menus (including Print) are missing, top level is 4, cantPeek is true.
•Padlock icon in the menu bar? You've got a locked stack. This might be because: stack was created by earlier version of HC (see if you can choose "Convert Stack" from the File menu); stack is locked in the Finder (fix in the Finder); stack is protected (see next item).
•Can't "set the userlevel to 5"? Can't delete stack? Can't peek at buttons and fields? Padlock? You've got a protected stack. See if you can choose "Protect Stack" from the File menu. If not, hold âŒ˜ and try it again.
•Periodic cleanup is up to you: Compact your stack; clean the search paths in the Home stack.