

## “HIDDEN” HYPERCARD FEATURES

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

### ⌘-TAB Objects and Tools

⌘-TAB-(TAB)-(TAB) for browse/btn/fld tool  
⌘-SH-TAB from background layer for browse tool & card layer  
⌘-OPT to show visible buttons  
⌘-OPT-SH to show visible buttons and fields  
--> won't work if the stack is protected with CantPeek = true  
⌘-OPT-SH-CLICK on button/field to show script  
⌘-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:

⌘-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  
⌘-T to show font/style dialog  
⌘-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

### ⌘-TAB 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:

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

#### MENUBAR:

⌘-SPACE to toggle menubar

#### GO:

LEFT-ARROW = prev card  
RT-ARROW = next card  
⌘-LEFT-ARROW = first card  
⌘-RT-ARROW = last card  
~ (or ESC) = go back to previously viewed cd (⌘-~ if in paint mode)

SH-ESC = go back without closing  
DOWN-ARROW = go back through recently seen cards  
UP-ARROW = go forth through recently seen cards  
â€˜-DOWN-ARROW to push card  
â€˜-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  
â€˜-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.

## â€˜2000 Text

#### MSG:

â€˜-CLICK or â€˜-DRAG in fld (locked or unlocked) to copy word(s) into msg  
UP-ARROW to start of msg  
DOWN-ARROW to end of msg  
â€˜-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 â€˜-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  
â€˜-A to select all  
â€˜-SH-Z to revert field  
â€˜-SH-D to remove styling (default)

## â€˜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: â€˜-SH-O or SH-OPEN to open in new window  
COMPACT: â€˜-OPT-COMPACT to rebuild font table  
PROTECT STACK: â€˜-choose FILE menu to override low userlevel  
PRINT: SH-PRINT for full dialogs  
UNDO: just ~ or ESC if in paint mode  
PASTE:  
â€˜-SH-V FIELD/BUTTON pastes field/button with its contents  
â€˜-SH-V CARD pastes mini-picture of card  
(if saved with OPT-COPY CARD, pastes full pict of card)  
DELETE CARD: â€˜-DELETE  
CLOSER/FARTHER: â€˜-SH-PLUS/MINUS to move fully

## â€˜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   | â€˜     | 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  
 â€˜-OPT-DRAG selection to trail copies (frequ: OPT-1 thru -9)  
 OPT-1 thru -9 before drawing multiple for spacing  
 â€˜-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

## Icon Editor

**TOOLS:** OPT for grabber; â€˜ for select; OPT-drag clones selection

**MENUS:** â€˜-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  
 â€˜-LEFT-ARROW = first icon  
 â€˜-RT-ARROW = last icon

## â€¢2000 Reports

DBL-CLICK a CELL to specify report items

IN CELL:

â€¢-DRAG to create new item

OPT-DRAG to clone

DBL-CLICK an ITEM to specify that item

â€¢-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

## â€¢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

## â€¢2000 Scripting and Debugging

â€¢-OPT-C/B/S to open cd/bg/stack script

(again, to bring to front or close)

â€¢-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

â€¢-. to close script and don't save

â€¢-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

â€¢-OPT-. to start debugging

rects in lines of global var ScriptWindowRects determine script window placement

## â€¢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 ⌘ and try it again.
- Periodic cleanup is up to you: Compact your stack; clean the search paths in the Home stack.