

UTILS

STODATA: store object in directory on SD card (1s)	objects to be stored in SD-card :3:DATA	RAD WYZ DEC R= 'X' CHOME UTILS3 USB
Search: search for object (0.1s)	(Cdat) Cdat3 ST03 ST00A Srch Srchd Repl	'DerX' (HOME CALC1) Cdat3 ST03 ST00A Srch Srchd Repl
Repl: replace object by new object (1s)		
Replall: replace object entirely by new object (1s)	« a b c d a » 'a' 'x' « x b c d a » Cdat3 ST03 ST00A Srch Srchd Repl	« a b c d a » 'a' 'x' « x b c d x » Repld Rcl PrevaStrxlStrxoTypch
Preval: evaluate object, program from any directory (3s)	RAD WYZ DEC R= 'X' CHOME UTILS3 USB	
Strxlist: convert string to list of strings (0.1s)	'Fres5' .563631188705 Repld Rcl PrevaStrxlStrxoTypch	"1" "2" "3" ("1" "2" "3") Repld Rcl PrevaStrxlStrxoTypch
Strxobj: convert string to list of objects (0.1s)	"1" =0/0/0	UTILS Cdat3 ST03 STODATA Srch Srchall Repl Replall Rcl
Choose: generates choosebox in actual directory (2s)	(1 2 3) Repld Rcl PrevaStrxlStrxoTypch	CANCEL OK
Menus: choosebox with hidden and old menus (1s)	MENUS L=0 PLOT PLOTTPRES NUMSOLVE STAT SYMBOLIC CAS HACKER TOOLS	
Sort: sort list with number and variables (0.5s)		(2 1 X 1 a A) (1 1 2 A X a)
Pview1: page view of 150! in char size 1 (1s)	571338335644585459047893288526105 400318555357260112641825483758331 79829124845232331265744886753111 453771072727468542041626662501926 845044663559491959220665749425920 957357289293253572904449624724054 167907221184454371222696755200000 00000000000000000000000000000000	Notes Erase Choose Menus Sort View
Pview2: page view of objects in char size 2 (1s)		
Stview1: view of stack (1s)	:4: 1 :3: 'SIN(X)' :2: Hello :1: '(a+b)*5'	(1) (2) (3) (A)
Vview: vertical view of lists and vectors (1s)	GRAPH	TEXT
Pictview: view text and graphics at once (1s)	5: 4: 3: 2: 1: { 'SIN(1/X)' Graphic 44 x 57 "graph of SIN(1/X)" } Pictu Tutu S→T Help Vvcal Reghd	"SIN(X)X" Graph of 'X*SIN(X)' TEXT

Txtview: view 10 lines text (0.1s)	<pre> TEXTVIEWER CURSOR UP/DOWN/LEFT/RIGHT = PREVIOUS/NEXT/FIRST/LAST PAGE N [] GOTO PAGE N, []=ANY KEY [ENTER] QUIT PROGRAM S+Txt STRING + TEXT 10 LINES FORMATS WITH LINE BREAKS TEXTS ARE LISTS OF STRINGS WITH 13 LINES GENERATED FROM STRINGS WITH S+Txt EDITING EXECUTE S+Txt BEFORE AND AFTER EDITING </pre>	<pre> 3/2008 MON TUE WED THU FRI SAT SUN 3 4 5 6 7 1 2 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 </pre>
Vwcal: view calendar		<pre> MON- MON+ YEAR- YEAR+ goto exit </pre>
Stopwatch: stopwatch with time in seconds	<pre> *****STOPWATCH***** 7.7_s 5.2_s </pre>	<pre> *****STOPWATCH***** 00:01:13 00:00:50 </pre>
Stopwatch: stopwatch with time in HH:MM:SS format list with split, stop times is saved on stack	<pre> start split stop hrs help exit *****COUNTDOWN***** 00:05:00 </pre>	<pre> start split stop hrs help exit COUNTDOWN HELP start start, reset split display split time stop stop countdown set set countdown time, stop help helpfile quit quit, stop </pre>
Countdown: watch	<pre> start split stop set help quit *****COUNTDOWN***** 00:05:00 </pre>	<pre> start split stop hrs help exit COUNTDOWN HELP start start, reset split display split time stop stop countdown set set countdown time, stop help helpfile quit quit, stop </pre>
help to countdown watch		<pre> Splits, stop are saved on stack. After countdown alarm is played 20x and the program is killed. </pre>
Objects: calculator object types	<pre> Nr Type Example 0 Real Number #1.2E3 1 Complex Number #C1 2 String #H"Hello" 3 Real Array #R11.2 4 Complex Array #C11 5 List #L1 2 #3 6 Global Name#X 7 Local Name#x </pre>	<pre> Nr Type Example 23 Linked Arrow#Link 24 Character Object#C 25 Code Object#Code 26 Library Data#Libra 27 Mini Font#MiniFont 28 Integer#12345 29 Symbolic Array#A1 30 Font Object#Ft2_0: </pre>
Objects: OK gives example	<pre> 4 Complex Array [[1,2] [3,4]][15,6] [7,20]] </pre>	<pre> 2 Program ** + a * a 2 ^ ** </pre>
Flags: all flags of the HP with description (0.1s)	<pre> HP system Flags Help: Use [MODE] [FLA] 1 CF: Symbolic common 2 CF: Symbolic consta 3 CF: Symbolic argume 4 CF: unused 5..10 Binary Integer 11..12 Binary Integer 13 unused </pre>	<pre> Help: Use [MODE] [FLA] to change flags. Other flags are only for advanced users. CF = clear, SF = SET User flags: numbers +1..+128 System flags: numbers -1..-128 -1..-64: flags as in the HP41C -65..-98: new flags in the HP41C -99..-128: CAS flags. In the following 12 SF means -12 SF </pre>
Flags: all flags of the HP with description	<pre> HP system Flags +61 CF: CONST returns +62 CF: User mode off= +63 CF: ENTER evaluate +64 CF: The last GETI +65 CF: All stack leve +66 CF: Displays long +67 CF: IF clock is on +68 CF: Command line d </pre>	<pre> +61 CF: CONST returns constants with units SF: CONST returns constants without units </pre>
Rnames: reserved calculator names (0.1s)	<pre> HP reserved variable names: ENTER program run on ENTER ENTER program run after ENTER ALARMAT actual alarm data CASINFO info on CAS action CST custom menu der user defined derivative EDUSTACK flags and current path EPS accuracy (1E-10) EQ current equation EXITED program run after EDIT </pre>	<pre> Shortcuts RPN: [LS]=[LeftShift] [RS]=[RightShift] [+]=[LeftArrow] [-]=[RightArrow] [=]=[DownArrow] [I]=[UpArrow] [od]=[ALPHA] [C=]=[Backspace] </pre>
Shortcuts: key shortcuts (0.1s)		<pre> [+] Display graph window [-] Swap objects in 1 and 2 (RPN) [+] Move to stack >[HIST] [-] edit with appropriate editor </pre>