



4th Dimension Technical Note

4th Dimension Technical Note Listing / 1988

1	The Flush Variable	August, 1987
2	Layout Procedures and the Current Record	August, 1987
3	Using Layout Buttons	August, 1987
4	Push Record and Pop Record Syntax	August, 1987
5	4th Dimension Manual Errata	August, 1987
6	Printer Selection with Chooser	March, 1988
7	Loading 4th Dimension's Scrollable Area Variables	August, 1987
8	4th Dimension's External Procedures	August, 1987
9	Double Clicking in a Scrollable Area	August, 1987
10	4th Dimension and Multifinder	August, 1987
11	Parsing Alpha Fields for numbers	March, 1988
12	Input Data validation	October, 1987
13	Importing / Exporting Comma Delimited Text Files	October, 1987
14	Using Numeric field Formats for Booleans	October, 1987
15	INT4 Resource	October, 1987
16	CUST Resource	October, 1987
17	Default File Menu	October, 1987
18	Items and Components Recursive Linking Example	October, 1987
19	Checkbox Indirection with Subfiles	October, 1987
20	Deleting Records and Files in multi-user (OBSOLETE)	March, 1988
21	Included layouts in reports	November, 1987
22	Using "@" in string comparisons	December, 1987
23	Using Search Selection without a boolean expression	December, 1987
24	Speeding the filling of scrollable areas	December, 1987
25	Cloning a complex record	December, 1987
26	CLEAR VARIABLE	December, 1987
27	Compiling external procedures directly to a Proc.Ext file	December, 1987
28	Using the GRAPH command with variables	December, 1987
29	Evaluation of boolean expressions in If statements	December, 1987
30	Passing parameters to externals	December, 1987
31	Accessing the Password Font	December, 1987
32	Using local variables with RECEIVE PACKET	December, 1987
33	Setting variable attributes is necessary	December, 1987
34	Copying and pasting menus	December, 1987
35	Writing external area procedures	December, 1987
36	Padding Arrays	December, 1987
37	External procedure documentation	December, 1987
38	Subrecords and the After phase	January, 1988
39	Multiuser considerations	March, 1988
40	User defined menus in layouts	January, 1988
41	The last variable in a dialog.	January, 1988
42	The cursor and the current subrecord.	January, 1988
43	Show All and Show Subset	January, 1988
44	Deleting groups of subrecords	January, 1988
45	File prefix using SEARCH BY INDEX	January, 1988
46	8 characters in an array variable name	January, 1988
47	Install externals either in the .res or proc.ext files	January, 1988
48	Using Icons in the Menu Bar	January, 1988
49	Menus and Buttons in 4th Dimension	January, 1988



4th Dimension Technical Note

50

When 4D uses indexes

January, 1988



4th Dimension Technical Note

51	Window type descriptions	February, 1988
52	Clearing a text field	February, 1988
53	Parameter passing considerations	February, 1988
54	To prefix or not to prefix	March, 1988
55	Updating considerations using .res, .struct, .enum	February, 1988
56	Transferring records from one data base to another	February, 1988
57	Calculating the Usable Screen Area	February, 1988
58	Using a variable in the subtotal command	February, 1988
59	4th Dimension's layout rulers measure pixels	February, 1988
60	Generating breaks in subfile reports	March, 1988
61	The CREATE LINKED RECORD command	March, 1988
62	Special exports and imports	March, 1988
63	Local variables in layout procedures	March, 1988
64	Mandatory linked fields	March, 1988
65	Using Meta-Characters in the Menu Editor	March, 1988
66	Detecting Modified Variables in Dialogs	March, 1988
67	Num Function character restrictions	March, 1988
68	Aborting from the Custom Environment	March, 1988
69	Creating footers & headers with PRINT LAYOUT	March, 1988
70	Search Selection in the User Environment	March, 1988
71	Searching information in a different file	March, 1988
72	Creating Sets	March, 1988
73	ResEdit Templates in the 4D TMPLS file	March, 1988
74	4D External Report™	March, 1988
75	External procedure documentation	March, 1988
76	Formatting Alpha Fields	March, 1988
77	Parsing for Keywords	March, 1988
78	Extracting Booleans from Integers	March, 1988
79	Converting AM/PM time to seconds	March, 1988
80	Background processing	April, 1988
81	Commenting Procedures	April, 1988
82	Creating Included Layouts	April, 1988
83	Large Picture Considerations	April, 1988
84	Searching for Records by Date	April, 1988
85	Password Protection	April, 1988
86	Search Selection using the Search Editor	April, 1988
87	Updating Linked Records in Multi-User	April, 1988
88	Radio Button Indirection using Subfiles	April, 1988
89	Custom Dialogs	April, 1988