

.TITLE NAME

REDAC SOFTWARE LIMITED

SUITE : P.C.B. LAYOUT

PROGRAM TITLE : REDAL3 MK5

ROUTINE TITLE : NAME

THIS PROGRAM SOURCE FILE IS SUPPLIED IN CONFIDENCE TO THE CUSTOMER; THE CONTENTS OR DETAILS OF ITS OPERATION MAY ONLY BE DISCLOSED TO PERSONS EMPLOYED BY THE CUSTOMER WHO REQUIRE A KNOWLEDGE OF THE SOFTWARE CODING TO CARRY OUT THEIR JOB. DISCLOSURE TO ANY OTHER PERSON MUST HAVE PRIOR AUTHORISATION FROM THE DIRECTORS OF REDAC SOFTWARE LIMITED.

AUTHOR:

DATE : DEC 1974

PURPOSE: READ A 5 CHARACTER FILENAME FROM THE TELETYPE. THE NAME MUST START WITH AN ALPHABETIC CHARACTER; ANY OTHERS ARE IGNORED. CHARACTERS AFTER THE FIRST MAY BE ALPHA OR NUMERIC. NAME IS TERMINATED BY C.R., L.F., ALTMODE, SPACE, DELETE OR WHEN 5 CHARACTERS HAVE BEEN READ.

CALLING SEQUENCE AND DESCRIPTION OF PARAMETERS

CALL NAME (ANAME(1))

ANAME(1) AND ANAME(2) RETURN THE NAME

ANAME(3) RETURNS THE EXTENSION 'BIN'

ALL CHARACTERS ARE PACKED IN SIXBIT, NULL FILLED

IO DEVICES: -3 TTY 'NAME?' MESSAGE

-2 TTY READ FILENAME

INTERNAL GLOBALS

EXTERNAL GLOBALS

.GLOBL .DA

.GLOBL NAME

.EJECT

| PAGE | 2 | NAME  | SRC      | NAME                    |
|------|---|-------|----------|-------------------------|
| 42   |   | 00000 | R 740040 | A NAME XX               |
| 43   |   | 00001 | R 120145 | E JMS* .DA              |
| 44   |   | 00002 | R 600004 | R JMP .+2               |
| 45   |   | 00003 | R 000000 | A NAMEAD 0              |
| 46   |   | 00004 | R        | START .INIT -2,0,START  |
|      |   | 00004 | R 000776 | A *G CAL+0*1000 -2&777  |
|      |   | 00005 | R 000001 | A *G 1                  |
|      |   | 00006 | R 000004 | R *G START+0            |
|      |   | 00007 | R 000000 | A *G 0                  |
| 47   |   |       |          | .INIT -3,1,START        |
|      |   | 00010 | R 001775 | A *G CAL+1*1000 -3&777  |
|      |   | 00011 | R 000001 | A *G 1                  |
|      |   | 00012 | R 000004 | R *G START+0            |
|      |   | 00013 | R 000000 | A *G 0                  |
| 48   |   |       |          | .WRITE -3,2,MESS,34     |
|      |   | 00014 | R 002775 | A *G CAL+2*1000 -3&777  |
|      |   | 00015 | R 000011 | A *G 11                 |
|      |   | 00016 | R 000127 | R *G MESS               |
|      |   |       |          | *G .DEC                 |
|      |   | 00017 | R 777736 | A *G -34                |
| 49   |   |       |          | .WAIT -3                |
|      |   | 00020 | R 000775 | A *G CAL -3&777         |
|      |   | 00021 | R 000012 | A *G 12                 |
| 50   |   | 00022 | R 777774 | A LAW -4                |
| 51   |   | 00023 | R 040142 | R DAC CNTR#             |
| 52   |   | 00024 | R        | LOOP1 .READ -2,3,BUFF,3 |
|      |   | 00024 | R 003776 | A *G CAL+3*1000 -2&777  |
|      |   | 00025 | R 000010 | A *G 10                 |
|      |   | 00026 | R 000136 | R *G BUFF               |
|      |   |       |          | *G .DEC                 |
|      |   | 00027 | R 777775 | A *G -3                 |
| 53   |   |       |          | .WAIT -2                |
|      |   | 00030 | R 000776 | A *G CAL -2&777         |
|      |   | 00031 | R 000012 | A *G 12                 |
| 54   |   | 00032 | R 200140 | R LAC BUFF+2            |
| 55   |   | 00033 | R 500146 | R AND (177              |
| 56   |   | 00034 | R 340147 | R TAD (-101             |
| 57   |   | 00035 | R 741100 | A SPA                   |
| 58   |   | 00036 | R 600024 | R JMP LOOP1             |
| 59   |   | 00037 | R 340150 | R TAD (-32              |
| 60   |   | 00040 | R 740100 | A SMA                   |
| 61   |   | 00041 | R 600024 | R JMP LOOP1             |
| 62   |   | 00042 | R 340151 | R TAD (133              |
| 63   |   | 00043 | R 100112 | R LOOP2 JMS UPDATE      |
| 64   |   |       |          | .READ -2,3,BUFF,3       |
|      |   | 00044 | R 003776 | A *G CAL+3*1000 -2&777  |
|      |   | 00045 | R 000010 | A *G 10                 |
|      |   | 00046 | R 000136 | R *G BUFF               |
|      |   |       |          | *G .DEC                 |
|      |   | 00047 | R 777775 | A *G -3                 |
| 65   |   |       |          | .WAIT -2                |
|      |   | 00050 | R 000776 | A *G CAL -2&777         |

| PAGE | 3 | NAME  | SRC      | NAME                  |
|------|---|-------|----------|-----------------------|
|      |   | 00051 | R 000012 | A *G 12               |
| 66   |   | 00052 | R 200140 | R LAC BUFF+2          |
| 67   |   | 00053 | R 500146 | R AND (177            |
| 68   |   | 00054 | R 540152 | R SAD (040 / SPACE    |
| 69   |   | 00055 | R 600103 | R JMP OUTT            |
| 70   |   | 00056 | R 540146 | R SAD (177            |
| 71   |   | 00057 | R 600103 | R JMP OUTT            |
| 72   |   | 00060 | R 540153 | R SAD (175 / ALT MODE |
| 73   |   | 00061 | R 600103 | R JMP OUTT            |
| 74   |   | 00062 | R 540154 | R SAD (015 / CR       |
| 75   |   | 00063 | R 600103 | R JMP OUTT            |
| 76   |   | 00064 | R 540155 | R SAD (012            |
| 77   |   | 00065 | R 600103 | R JMP OUTT            |
| 78   |   | 00066 | R 440142 | R ISZ CNTR            |
| 79   |   | 00067 | R 600043 | R JMP LOOP2           |
| 80   |   | 00070 | R 100112 | R JMS UPDATE          |
| 81   |   | 00071 | R 600107 | R JMP OUTTTT          |
| 82   |   |       |          | /                     |
| 83   |   | 00072 | R 200141 | R OUTTT LAC ACST#     |
| 84   |   | 00073 | R 060003 | R DAC* NAMEAD         |
| 85   |   | 00074 | R 440003 | R ISZ NAMEAD          |
| 86   |   | 00075 | R 200144 | R LAC MQST#           |
| 87   |   | 00076 | R 060003 | R DAC* NAMEAD         |
| 88   |   | 00077 | R 440003 | R ISZ NAMEAD          |
| 89   |   | 00100 | R 200135 | R LAC BIN             |
| 90   |   | 00101 | R 060003 | R DAC* NAMEAD         |
| 91   |   |       |          | /                     |
| 92   |   | 00102 | R 620000 | R JMP* NAME           |
| 93   |   |       |          | /                     |
| 94   |   | 00103 | R 750000 | A OUTT CLA            |
| 95   |   | 00104 | R 100112 | R JMS UPDATE          |
| 96   |   | 00105 | R 440142 | R ISZ CNTR            |
| 97   |   | 00106 | R 600103 | R JMP OUTT            |
| 98   |   | 00107 | R 750000 | A OUTTTT CLA          |
| 99   |   | 00110 | R 100112 | R JMS UPDATE          |
| 100  |   | 00111 | R 600072 | R JMP OUTTT           |
| 101  |   |       |          | /                     |
| 102  |   | 00112 | R 740040 | A UPDATE XX           |
| 103  |   | 00113 | R 500156 | R AND (77             |
| 104  |   | 00114 | R 040143 | R DAC DUMP#           |
| 105  |   | 00115 | R 200144 | R LAC MQST            |
| 106  |   | 00116 | R 652000 | A LMQ                 |
| 107  |   | 00117 | R 200141 | R LAC ACST            |
| 108  |   | 00120 | R 744000 | A CLL                 |
| 109  |   | 00121 | R 640606 | A LLS 6               |
| 110  |   | 00122 | R 040141 | R DAC ACST            |
| 111  |   | 00123 | R 641002 | A LACQ                |
| 112  |   | 00124 | R 340143 | R TAD DUMP            |
| 113  |   | 00125 | R 040144 | R DAC MQST            |
| 114  |   | 00126 | R 620112 | R JMP* UPDATE         |
| 115  |   |       |          | /                     |
| 116  |   | 00127 | R 002002 | A MESS 2002: 0        |

| PAGE | 4 | NAME       | SRC      | NAME                 |
|------|---|------------|----------|----------------------|
| 117  |   | 00130      | R 000000 | A                    |
|      |   | 00131      | R 472031 | A .ASCII /NAME?/<15> |
|      |   | 00132      | R 542576 | A                    |
|      |   | 00133      | R 064000 | A                    |
|      |   | 00134      | R 000000 | A                    |
| 118  |   | 00135      | R 021116 | A BIN .SIXBT /BIN/   |
| 119  |   | 00136      | R 000000 | A BUFF 0             |
| 120  |   | 00137      | R 000000 | A 0                  |
| 121  |   | 00140      | R 000000 | A 0                  |
| 122  |   |            | 000000   | A .END               |
|      |   | 00145      | R 000145 | E *E                 |
|      |   | 00146      | R 000177 | A *L                 |
|      |   | 00147      | R 777677 | A *L                 |
|      |   | 00150      | R 777746 | A *L                 |
|      |   | 00151      | R 000133 | A *L                 |
|      |   | 00152      | R 000040 | A *L                 |
|      |   | 00153      | R 000175 | A *L                 |
|      |   | 00154      | R 000015 | A *L                 |
|      |   | 00155      | R 000012 | A *L                 |
|      |   | 00156      | R 000077 | A *L                 |
|      |   | SIZE=00157 |          | NO ERROR LINES       |

| PAGE   | 5     | NAME | CROSS REFERENCE |     |    |      |     |    |  |
|--------|-------|------|-----------------|-----|----|------|-----|----|--|
| ACST   | 00141 | 83   | 107             | 110 |    |      |     |    |  |
| BIN    | 00135 | 89   | 118*            |     |    |      |     |    |  |
| BUFF   | 00136 | 52   | 54              | 64  | 66 | 119* |     |    |  |
| CNTR   | 00142 | 51   | 78              | 96  |    |      |     |    |  |
| DUMP   | 00143 | 104  | 112             |     |    |      |     |    |  |
| LOOP1  | 00024 | 52*  | 58              | 61  |    |      |     |    |  |
| LOOP2  | 00043 | 63*  | 79              |     |    |      |     |    |  |
| MESS   | 00127 | 48   | 116*            |     |    |      |     |    |  |
| MQST   | 00144 | 86   | 105             | 113 |    |      |     |    |  |
| NAME   | 00000 | 1    | 40              | 42* | 92 |      |     |    |  |
| NAMEAD | 00003 | 45*  | 84              | 85  | 87 | 88   | 90  |    |  |
| OUTT   | 00103 | 69   | 71              | 73  | 75 | 77   | 94* | 97 |  |
| OUTTT  | 00072 | 83*  | 100             |     |    |      |     |    |  |
| OUTTTT | 00107 | 81   | 98*             |     |    |      |     |    |  |
| START  | 00004 | 46*  | 46              | 47  |    |      |     |    |  |
| UPDATE | 00112 | 63   | 80              | 95  | 99 | 102* | 114 |    |  |
| .DA    | 00145 | 39   | 43              |     |    |      |     |    |  |