

S/REXX by BENAROYA

**David Salthouse
Open Direct**

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History

1989 SEDIT

1991 S/REXX

1994 S/REXX DEBUGGER

Platforms

AIX

HPUIX

SUNOS

SOLARIS

IRIS

ULTRIX

LINUX

S/REXX VERSION 4 REXX

NO LIMITS ON:-

Procedure Size

Expression complexity

Nesting of Parenthesis

Variables number and content

Recursive function Depth

Argument number and size

LANGUAGE EXTENSIONS:-

Full Function EXECIO

Dynamic Loading of Routines

Multiple Procedure Expose

**LEAVE or ITERATE within an INTERPRET
CD**

DO name IN expr; End;

OPTION case, setenv, load

LOWER,UPPER

PARSE EXTERNAL and PARSE NUMERIC

{ DO; END

[] SUBSTR

S/REXX VERSION 4 BUILT-IN FUNCTIONS

Dialog Management Openlook or Motif:-
buttons
labels
input fields
toggles

Other BUILT_IN FUNCTIONS:-

ARCH()
CHDIR(),MKDIR(),RM()
LINEIN(),LINEOUT()
UNIX(cmd,stem)
STATUS()
date(date('b')+7)

Programming Interface
add user supplied builtin functions
embed S/REXX into C applications

TEST DRIVE SEDIT, S/REXX AND RXD

download from

<http://www.sedit.com/sedit>

<http://www.portal.com/~sedit>

OR.....

rsd @ C: stopped in main --- file:/home/m1/pro/dy_exch.sedit

```

37 $dismiss_dy_ex = dy_button(1, 1, "DISMISS")
38
39 call dy_label 14, 1.3, 'EXCHANGE THIS:'
40 $exc_dy_ex = dy_input(29, 1.3, 29)
41
42 call dy_label 14, 3.3, ' WITH THIS:'
43 $with_dy_ex = dy_input(29, 3.3, 29)
44
45 → call dy_label 5, 6, 'From Column:'
46 $fromc_dy_ex = dy_input(18, 6, 10, zone)
47
48 call dy_label 30, 6, 'To Column:'
49 $toc_dy_ex = dy_input(42, 6, 10, zone)
50
51 call dy_label 5, 8, ' From Line:'
52 $froml_dy_ex = dy_input(18, 8, 10, line)

```

list	run	cont	step	next	stepou
up	down	status			

```

% next
% next
% next
% next
% next
% print $with_dy_ex
$with_dy_ex: ""
% next
% print $with_dy_ex
$with_dy_ex: "1"
% =

```

xed @ C - dy_exch.sedit, dir:/home/m1

```

/home/m1/pro/dy_exch.sedit Len: 69 mod:
00000
00001 /*
00002 * dy_exch: starts the EXCHANGE dialog box:
00003 *
00004 * -----
00005 * |
00006 * | [DISMISS] EXCHANGE THIS: _____
00007 * |
00008 * |
00009 * | WITH THIS: _____
00010 * |
00011 * | From Column: __ (1) _____ To Column: __ (2) _____
00012 * |
00013 * |
00014 * | From Line: __ (4) _____ To Line: __ (5) _____
00015 * |
00016 * | i Consider Case i Whole Word
00017 * |
00018 * |
00019 * | | DO IT |
00020 * | -----
00021 *
00022 */
00023 signal on novalue
00024 option mixed setenv
00025 trace x
00026
00027 'extract/zone/case/line/size/nbfile'
00028
00029 if nbfile.1 = 0 then
00030 { 'prompt Open a file first'
00031 exit 0
00032 }
00033
00034 if ~$?handle_dy_ex then
→ dy_exch_

```

1:Q 2:E 3:Save 4:Sp 5:x 6:cu 7:U 8:D 9:? 10:h 12:= 8-11:top 8-12:bot