


```

RRRRRRRR      MM      MM      SSSSSSSS      CCCCCCCC      AAAAAA      LL      LL      SSSSSSSS
RRRRRRRR      MM      MM      SSSSSSSS      CCCCCCCC      AAAAAA      LL      LL      SSSSSSSS
RR      RR      MMMM      MMMM      SS      CC      AA      AA      LL      LL      SS
RR      RR      MMMM      MMMM      SS      CC      AA      AA      LL      LL      SS
RR      RR      MM      MM      SS      CC      AA      AA      LL      LL      SS
RR      RR      MM      MM      SS      CC      AA      AA      LL      LL      SS
RRRRRRRR      MM      MM      SSSSSS      CC      AA      AA      LL      LL      SSSSSS
RRRRRRRR      MM      MM      SSSSSS      CC      AA      AA      LL      LL      SSSSSS
RR      RR      MM      MM      SS      CC      AAAAAAAAAA      LL      LL      SS
RR      RR      MM      MM      SS      CC      AAAAAAAAAA      LL      LL      SS
RR      RR      MM      MM      SS      CC      AA      AA      LL      LL      SS
RR      RR      MM      MM      SSSSSSSS      CCCCCCCC      AA      AA      LLLLLLLLLL      LLLLLLLLLL      SSSSSSSS      ....
RR      RR      MM      MM      SSSSSSSS      CCCCCCCC      AA      AA      LLLLLLLLLL      LLLLLLLLLL      SSSSSSSS      ....

```

```

MM      MM      AAAAAA      RRRRRRRR
MM      MM      AAAAAA      RRRRRRRR
MMMM      MMMM      AA      AA      RR      RR
MMMM      MMMM      AA      AA      RR      RR
MM      MM      MM      AA      AA      RR      RR
MM      MM      MM      AA      AA      RRRRRRRR
MM      MM      AA      AA      RRRRRRRR
MM      MM      AAAAAAAAAA      RR      RR
MM      MM      AAAAAAAAAA      RR      RR
MM      MM      AA      AA      RR      RR
MM      MM      AA      AA      RR      RR
MM      MM      AA      AA      RR      RR
MM      MM      AA      AA      RR      RR

```

version 'V04-000'

```

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```

MODIFIED BY:

- V03-003 DAS0001 David Solomon 11-Feb-1984
Fix error in \$RMSCALLSTWO (used by \$RENAME). For the default values for ERR and SUC (0), it generated non-pic instructions (PUSHAL #0). It now generates PUSHL #0 if ERR or SUC=0.
- V03-002 RAS0105 Ron Schaefer 23-Nov-1982
Correct non-PIC references in \$RMSCALLS and \$RMSCALLSTWO to RMS system services. Make into general addressing.
- V03-001 CWH0001 CW Hobbs 25-Sep-1982
Standard form service calls (\$CLOSE, etc) are now defined in <VMSLIB.SRC>STARLET.SDL. The declarations in this module have been removed.

rms macro to reserve a buffer
(kept in the interest of compatibility only!)

```

.MACRO $BUFFER SIZE
.BLKB SIZE
.ENDM $BUFFER

```

```

: no-op of $init for compatibility!
:

```

```

.MACRO $INIT
.PRINT ; $init macro not required!;
.ENDM $INIT

```

```

.NLIST

```

```

: $rmSCALL macro to setup arglist and call the desired routine
:

```

```

.MACRO $RMSCALL PROC,TAB,ERR,SUC
.GLOBL SY$$'PROC
.IF B <TAB>
CALLG (AP),G^SY$$'PROC
$$TMP=0
.IF NB <ERR>
$$TMP=1
.ENDC
.IF NB <SUC>
$$TMP=1
.ENDC
.IF NE $$TMP
.ERROR ; tab'= parameter missing;
.ENDC
.ENDC

```

```

.IF NB <TAB>
$$TMP1=1
.IF NB <SUC>
PUSHAL SUC
$$TMP1=3
.ENDC
.IF NB <ERR>
PUSHAL ERR
.IF EQ <$$TMP1-1>
$$TMP1=2
.ENDC
.IFF
.IF EQ <$$TMP1-3>
PUSHL #0
.ENDC
.ENDC
.NTYPE $$TMP2,TAB
.IF EQ <<$$TMP2&^XF0>-^X50>
PUSHL TAB
.IFF
.IF EQ <<$$TMP2&^XF0>-^X10>
PUSHL TAB
.IFF
PUSHAL TAB
.ENDC
.ENDC

```

CALLS #\$\$.TMP1 ,G^SYSS\$'PROC
.ENDC
.ENDM \$RMSCALL
.LIST

```

:
: $rmscalltwo macro to setup arglist and call the desired routine
:

```

```

.MACRO $RMSCALLTWO PROC,TAB,ERR,SUC,TAB2
.GLOBL SYSS'PROC
.IF B <TAB>
CALLG (AP),G^SYSS'PROC
$$TMP=0
.IIF NB <ERR>, $$TMP=1
.IIF NB <SUC>, $$TMP=1
.IIF NB <TAB2>, $$TMP=1
.IF NE $$TMP
.ERROR ; tab'= parameter missing;
.ENDC
.MEXIT
.ENDC

```

```

:
: NOW KNOW THAT TAB IS THERE!
:

```

```

.IF B <TAB2> ; must have both pointers
.ERROR ; missing parameter;
.MEXIT
.ENDC
.NTYPE $$TMP2,TAB2
.IF EQ <<$$TMP2&^XF0>-^X50>
PUSHL TAB2
.IFF
.IF EQ <<$$TMP2&^XF0>-^X10>
PUSHL TAB2
.IFF
PUSHAL TAB2
.ENDC
.ENDC
.IF IDN <SUC> <0>
PUSHL #0
.IFF
.IF NB <SUC>
PUSHAL SUC
.IFF
PUSHL #0
.ENDC
.ENDC
.IF IDN <ERR> <0>
PUSHL #0
.IFF
.IF NB <ERR>
PUSHAL ERR
.IFF
PUSHL #0
.ENDC
.ENDC
.NTYPE $$TMP2,TAB

```

```
.IF      EQ <<$$TMP2&^XF0>-^X50>
PUSHL   TAB
.IFF
.IF      EQ <<$$TMP2&^XF0>-^X10>
PUSHL   TAB
.IFF
PUSHAL  TAB
.ENDC
.ENDC
CALLS   #4,G^SYSS^PROC
.ENDM   $RMSCALLTWO
```

RMSCALLS
MAR

RMSTDXLNK
R32

RM532MAC
MAR

RMSTDXMAC
R32

UTLDEF
R32

UTLDEFUND
R32

RMSTDXDEF
R32

NTOMACROS
MAR

RMSLST

RMSMCMAC
MAR

RMSINTDEF
LST