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! Object Module Synopsis !

Module Name	Ident	Bytes	File	Creation Date	Creator
MAIN	V04-000	62	-\$255\$DUA28:[SUM.OBJ]SUM.OLB;1	16-SEP-1984 02:12	VAX/VMS Macro V04-00
DATA	V04-000	1829	-\$255\$DUA28:[SUM.OBJ]SUM.OLB;1	16-SEP-1984 02:12	VAX/VMS Macro V04-00
GETCMD	V04-000	340	-\$255\$DUA28:[SUM.OBJ]SUM.OLB;1	16-SEP-1984 02:14	VAX/VMS Macro V04-00
UPDATE	V04-000	953	-\$255\$DUA28:[SUM.OBJ]SUM.OLB;1	16-SEP-1984 02:13	VAX/VMS Macro V04-00
CLISINTERFACE	V04-000	516	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 00:32	VAX-11 Bliss-32 V4.0-742
CLISGLOBALS	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:38	VAX/VMS Macro V04-00
RMSSGLOBALS	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:35	VAX/VMS Macro V04-00
SYSSP1_VECTOR	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIBRTL	V04-000	0	-\$255\$DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
SUMSHR	V04-000	0	-\$255\$DUA28:[SYSLIB]SUMSHR.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00

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! Image Section Synopsis !
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Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
DEFAULT_CLUSTER	0	4	00000200	2	0	READ WRITE COPY ON REF				
	0	4	00000A00	6	0	READ ONLY				
	0	1	00001200	10	0	READ WRITE FIXUP VECTORS				
	253	20	7FFFD800	0	0	READ WRITE DEMAND ZERO				
LIBRTL	3	111	00000000-R	0	0	READ ONLY	LIBRTL_001	LESS/EQUAL	1	11
	4	1	0000DE00-R	0	0	READ WRITE DEMAND ZERO	LIBRTL_002	LESS/EQUAL	1	11
SUMSHR	3	12	00000000-R	0	0	READ ONLY	SUMSHR_001	LESS/EQUAL	1	1000
	2	1	00001800-R	0	0	READ WRITE COPY ON REF	SUMSHR_002	LESS/EQUAL	1	1000
	3	1	00001A00-R	0	0	READ ONLY	SUMSHR_003	LESS/EQUAL	1	1000

Key for special characters above:

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! R - Relocatable !
! P - Protected !
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! Program Section Synopsis !

<u>Psect Name</u>	<u>Module Name</u>	<u>Base</u>	<u>End</u>	<u>Length</u>	<u>Align</u>	<u>Attributes</u>
SRMSNAM	DATA	00000200 00000200	0000020D 0000020D	0000000E () 0000000E ()	14.) BYTE 0 14.) BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
SUMSRW_DATA	DATA	00000210 00000210	00000926 00000926	00000717 () 00000717 ()	1815.) LONG 2 1815.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
SCODES	CLISINTERFACE	00000A00 00000A00	00000C03 00000C03	00000204 () 00000204 ()	516.) LONG 2 516.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
SUMSCODE	MAIN GETCMD UPDATE	00000C04 00000C04 00000C42 00000D6D	00001125 00000C41 00000D6C 00001125	00000522 () 0000003E () 0000012B () 000003B9 ()	1314.) BYTE 0 62.) BYTE 0 299.) BYTE 0 953.) BYTE 0	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
SUMSRO_DATA	GETCMD	00001128 00001128	00001150 00001150	00000029 () 00000029 ()	41.) LONG 2 41.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC

! Symbol Cross Reference !

Symbol	Value	Defined By	Referenced By ...
CLISDCL_PARSE	00000ACF-R	CLIS\$INTERFACE	
CLISDISPATCH	00000B80-R	CLIS\$INTERFACE	
CLISGET_VALUE	00000A43-R	CLIS\$INTERFACE	GETCMD
CLISNEXT_QUAL	00000BC1-R	CLIS\$INTERFACE	
CLISPRESNT	00000A00-R	CLIS\$INTERFACE	GETCMD
CLIS_ABSENT	000381F0	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_COMMA	0003FD39	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_CONCAT	0003FD29	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_DEFAULTED	0003FD21	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_LOCNEG	00038230	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_LOCPRES	0003FD31	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_NEGATED	000381F8	CLIS\$GLOBALS	CLIS\$INTERFACE GETCMD
CLIS_NOCMD	000380B0	CLIS\$GLOBALS	CLIS\$INTERFACE
CLIS_PRESENT	0003F:19	CLIS\$GLOBALS	CLIS\$INTERFACE
LIB\$FREE_VM	00001250-RX	LIBRTL	CLIS\$INTERFACE
LIB\$GET_VM	0000125C-RX	LIBRTL	CLIS\$INTERFACE GETCMD
LIB\$LP_LINES	00001258-RX	LIBRTL	UPDATE
RAB\$RHB	0000002C	RMS\$GLOBALS	GETCMD
RMS\$EOF	0001827A	RMS\$GLOBALS	UPDATE
STR\$ANALYZE_SDESC	0000124C-RX	LIBRTL	CLIS\$INTERFACE
STR\$COPY_DX	00001248-RX	LIBRTL	CLIS\$INTERFACE
STR\$FREE_DX	00001254-RX	LIBRTL	GETCMD
SUM\$AQ_MSGDES	000007C8-R	DATA	UPDATE
SUM\$AT_AUDIT	00000220-R	DATA	UPDATE
SUM\$AT_BUFFER	00000238-R	DATA	UPDATE
SUM\$AT_INPUTFN	00000358-R	DATA	UPDATE
SUM\$AT_LINENE	00000237-R	DATA	UPDATE
SUM\$AT_LINENO	00000231-R	DATA	UPDATE
SUM\$AT_LISTFN	000003D8-R	DATA	
SUM\$AT_MSGBUF	000007D4-R	DATA	UPDATE
SUM\$AT_OUTPUFN	00000398-R	DATA	
SUM\$AT_SBTTL	000008A6-R	DATA	UPDATE
SUM\$AT_SBTTLDT	000008E2-R	DATA	
SUM\$AT_SBTTLFS	000008FA-R	DATA	UPDATE
SUM\$AT_TITLE	0000081C-R	DATA	UPDATE
SUM\$AT_TITLEDT	00000859-R	DATA	
SUM\$AT_TITLEPN	0000089E-R	DATA	UPDATE
SUM\$AW_MSGLEN	000007D0-R	DATA	UPDATE
SUM\$AX_CBL	00000337-R	DATA	UPDATE
SUM\$AX_INPUTFAB	0000042C-R	DATA	GETCMD UPDATE
SUM\$AX_INPUTNAM	000004A8-R	DATA	UPDATE
SUM\$AX_INPUTRAB	00000508-R	DATA	UPDATE
SUM\$AX_INPUTXAB	0000047C-R	DATA	UPDATE
SUM\$AX_LISTFAB	00000640-R	DATA	GETCMD UPDATE
SUM\$AX_LISTNAM	00000690-R	DATA	
SUM\$AX_LISTRAB	000006F0-R	DATA	UPDATE
SUM\$AX_OUTPUFAB	0000054C-R	DATA	GETCMD UPDATE
SUM\$AX_OUTPUNAM	0000059C-R	DATA	
SUM\$AX_OUTPURAB	000005FC-R	DATA	GETCMD UPDATE

Symbol	Value	Defined By	Referenced By ...	
SUM\$AX_RHB	00000418-R	DATA	GETCMD	UPDATE
SUM\$AX_TERM\$AB	00000734-R	DATA	MAIN	
SUM\$AX_TERM\$RAB	00000784-R	DATA	MAIN	UPDATE
SUM\$CLOSE	00001278-RX	SUM\$SHR	UPDATE	
SUM\$GETCMD	00000C42-R	GETCMD	MAIN	
SUM\$GL_CLIADDR	00000210-R	DATA	MAIN	
SUM\$GL_FLAGS	0000021C-R	DATA	GETCMD	UPDATE
SUM\$GL_UPDATES	00000354-R	DATA	GETCMD	UPDATE
SUM\$GQ_CMDLINE	00000214-R	DATA		
SUM\$GQ_SBTTLDS	0000089E-R	DATA	UPDATE	
SUM\$GQ_TITLED\$	00000814-R	DATA	UPDATE	
SUM\$GW_LINENO	00000428-R	DATA	UPDATE	
SUM\$GW_PAGENO	00000424-R	DATA	UPDATE	
SUM\$GW_PAGESZ	00000426-R	DATA	UPDATE	
SUM\$INIT_EDIT	00001270-RX	SUM\$SHR	UPDATE	
SUM\$K_SBTLLN	00000081	DATA	UPDATE	
SUM\$K_TITLELN	00000082	DATA	UPDATE	
SUM\$LINE	00001274-RX	SUM\$SHR	UPDATE	
SUM\$OPEN	0000126C-RX	SUM\$SHR	UPDATE	
SUM\$OPEN_ERR	0000127C-RX	SUM\$SHR	MAIN	UPDATE
SUM\$START	00000C04-R	MAIN		
SUM\$UPDATE	00000D6D-R	UPDATE	MAIN	
SUM\$UPDATE_QUAL	00001268-RX	SUM\$SHR	GETCMD	
SUM\$WRITE_ERR	00001280-RX	SUM\$SHR	UPDATE	
SYSS\$ASCTIM	7FFFEDE48	SYSS\$P1_VECTOR	UPDATE	
SYSS\$CLI	7FFFEDE18	SYSS\$P1_VECTOR	CLIS\$INTERFACE	
SYSS\$CLOSE	7FFFE188	SYSS\$P1_VECTOR	UPDATE	
SYSS\$CONNECT	7FFFE1C0	SYSS\$P1_VECTOR	MAIN	UPDATE
SYSS\$CREATE	7FFFE1C8	SYSS\$P1_VECTOR	UPDATE	
SYSS\$GETMSG	7FFFE0B0	SYSS\$P1_VECTOR	UPDATE	
SYSS\$OPEN	7FFFE208	SYSS\$P1_VECTOR	MAIN	UPDATE
SYSS\$PUT	7FFFE188	SYSS\$P1_VECTOR	UPDATE	
XAB\$Q_CDT	00000014	RMS\$GLOBAL\$	UPDATE	

. Symbols By Value .

Value	Symbols...
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00000014	XABSQ_CDT
0000002C	RABSL_RHB
00000081	SUMSK_SBTLLN
00000082	SUMSK_TITLELN
00000210	R-SUMSGC_CLIADDR
00000214	R-SUMSGQ_CMDLINE
0000021C	R-SUMSGL_FLAGS
00000220	R-SUMSAT_AUDIT
00000231	R-SUMSAT_LINENO
00000237	R-SUMSAT_LINENE
00000238	R-SUMSAT_BUFFER
00000337	R-SUMSAX_CBL
00000354	R-SUMSGL_UPDATES
00000358	R-SUMSAT_INPUTFN
00000398	R-SUMSAT_OUTPUFN
000003D8	R-SUMSAT_LISTFN
00000418	R-SUMSAX_RHB
00000424	R-SUMSGW_PAGENO
00000426	R-SUMSGW_PAGESZ
00000428	R-SUMSGW_LINENO
0000042C	R-SUMSAX_INPUTFAB
0000047C	R-SUMSAX_INPUTXAB
000004A8	R-SUMSAX_INPUTNAM
00000508	R-SUMSAX_INPUTRAB
0000054C	R-SUMSAX_OUTPUFAB
0000059C	R-SUMSAX_OUTPUNAM
000005FC	R-SUMSAX_OUTPURAB
00000640	R-SUMSAX_LISTFAB
00000690	R-SUMSAX_LISTNAM
000006F0	R-SUMSAX_LISTRAB
00000734	R-SUMSAX_TERMAB
00000784	R-SUMSAX_TERMRAB
000007C8	R-SUMSAQ_MSGDES
000007D0	R-SUMSAW_MSGLEN
000007D4	R-SUMSAT_MSGBUF
00000814	R-SUMSGQ_TITLED
0000081C	R-SUMSAT_TITLE
00000859	R-SUMSAT_TITLEDT
0000089E	R-SUMSAT_TITLEPN
000008A6	R-SUMSAT_SBTTL
000008E2	R-SUMSAT_SBTTLDT
000008FA	R-SUMSAT_SBTTLFS
00000A00	R-CLISPRESENT
00000A43	R-CLISGET_VALUE
00000ACF	R-CLISDCL_PARSE
00000B80	R-CLISDISPATCH
00000BC1	R-CLISNEXT_QUAL
00000C04	R-SUM\$START
00000C42	R-SUM\$GETCMD

R-SUMSGQ_SBTTLDS

Value	Symbols...
00000D6D	R-SUM\$UPDATE
00001248	RX-STR\$COPY DX
0000124C	RX-STR\$ANALYZE_SDESC
00001250	RX-LIB\$FREE VM
00001254	RX-STR\$FREET DX
00001258	RX-LIB\$LP LINES
0000125C	RX-LIB\$GET VM
00001268	RX-SUM\$UPDATE_QUAL
0000126C	RX-SUM\$OPEN
00001270	RX-SUM\$INIT_EDIT
00001274	RX-SUM\$LINE
00001278	RX-SUM\$CLOSE
0000127C	RX-SUM\$OPEN_ERR
00001280	RX-SUM\$WRITE_ERR
0001827A	RMS\$ EOF
00038080	CLIS_NOCOMD
000381F0	CLIS_ABSENT
000381F8	CLIS_NEGATED
00038230	CLIS_LOCNEG
0003FD19	CLIS_PRESENT
0003FD21	CLIS_DEFAULTED
0003FD29	CLIS_CONCAT
0003FD31	CLIS_LOCPRES
0003FD39	CLIS_COMMA
7FFEDE18	SYSS\$CLI
7FFEDE48	SYSS\$ASCTIM
7FFEE0B0	SYSS\$GETMSG
7FFEE188	SYSS\$PUT
7FFEE1B8	SYSS\$CLOSE
7FFEE1C0	SYSS\$CONNECT
7FFEE1C8	SYSS\$CREATE
7FFEE208	SYSS\$OPEN

Key for special characters above:

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| * - Undefined |
| U - Universal |
| R - Relocatable |
| X - External   |
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! Image Synopsis !

Virtual memory allocated: 00000200 000013FF 00001200 (4608. bytes, 9. pages)
Stack size: 20. pages
Image header virtual block limits: 1. (1. block)
Image binary virtual block limits: 2. (9. blocks)
Image name and identification: SUMSLP V04-000
Number of files: 6.
Number of modules: 10.
Number of program sections: 10.
Number of global symbols: 328.
Number of cross references: 166.
Number of image sections: 9.
User transfer address: 00000C04
Number of code references to shareable images: 13.
Image type: EXECUTABLE.
Map format: FULL WITH CROSS REFERENCE in file _\$255\$DUA28:[SUM.LIS]SUMSLP.MAP;1
Estimated map length: 77. blocks

! Link Run Statistics !

Performance Indicators	Page Faults	CPU Time	Elapsed Time
Command processing:	129	00:00:00.32	00:00:01.12
Pass 1:	143	00:00:01.69	00:00:13.70
Allocation/Relocation:	37	00:00:00.16	00:00:01.20
Pass 2:	39	00:00:00.76	00:00:04.37
Map data after object module synopsis:	25	00:00:00.64	00:00:00.73
Symbol table output:	1	00:00:00.03	00:00:00.87
Total run values:	374	00:00:03.60	00:00:21.99

Using a working set limited to 1200 pages and 77 pages of data storage (excluding image)

Total number object records read (both passes): 391
of which 183 were in libraries and 8 were DEBUG data records containing 228 bytes

Number of modules extracted explicitly = 4
with 4 extracted to resolve undefined symbols

23 library searches were for symbols not in the library searched

A total of 0 global symbol table records was written

LINK/USERLIB=PROC/EXE=EXES:SUMSLP/MAP=MAPS:SUMSLP/FULL/CROSS/NOTRACE SYSS\$INPUT/OPTIONS
LIBS:SUM/INCLUDE=(MAIN,DATA,GETCMD,UPDATE)
PSECT=SUM\$RO,DATA,EXE
PSECT=\$RMSNAM,NOEXE

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