



GGGGGGGG GGGGGGGG	EEEEEEEEEE EEEEEEEEEE	TTTTTTTTTT TTTTTTTTTT	CCCCCCCC CCCCCCCC	000000 000000	DDDDDDDD DDDDDDDD	EEEEEEEEEE EEEEEEEEEE	
GG	EE	TT	CC	00	DD	EE	
GG	EE	TT	CC	00	DD	EE	
GG	EE	TT	CC	00	DD	EE	
GG	EE	TT	CC	00	DD	EE	
GG	EEEEEEEE	TT	CC	00	DD	EEEEEEEE	
GG	EEEEEEEE	TT	CC	00	DD	EEEEEEEE	
GG GGGGGG	EE	TT	CC	00	DD	EE	
GG GGGGGG	EE	TT	CC	00	DD	EE	
GG GG	EE	TT	CC	00	DD	EE	
GG GG	EE	TT	CC	00	DD	EE	
GGGGGG	EEEEEEEEEE	TT	CCCCCCCC	000000	DDDDDDDD	EEEEEEEEEE	....
GGGGGG	EEEEEEEEEE	TT	CCCCCCCC	000000	DDDDDDDD	EEEEEEEEEE	....

LL	IIIIII	SSSSSSSS
LL	IIIIII	SSSSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SSSSSS
LL	II	SSSSSS
LL	II	SS
LL	II	SS
LL	II	SS
LL	II	SS
LLLLLLLLLL	IIIIII	SSSSSSSS
LLLLLLLLLL	IIIIII	SSSSSSSS



```

0000 1 .TITLE Get_code - returns codes from loaded image.
0000 2 .IDENT /V04-000/
0000 3
0000 4 *****
0000 5 *
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0000 23 *
0000 24 *****
0000 25
0000 26
0000 27
0000 28 Author: Elliott A. Drayton
0000 29
0000 30 Modified By:
0000 31
0000 32 V03-U01 EAD0134 Elliott A. Drayton 9-Apr-1984
0000 33 Added psect specification.
0000 34
0000 35
0000 36 Call get_code (array_addr,class,type,version,transfer_offset)
0000 37
0000 38 This routine seperates the information returned by routine
0000 39 EXEC_IMAGE for placement in tables used in loading images.
0000 40
0000 41 .PSECT $code,NOSHR,NOWRT,PIC
0000 42 .Entry get_code,^m<r2,r3,r4,r5,r6,r7,r8,r9,r10,r11>
50 04 BC DO 0002 43 movl @4(ap),r0 ; Get address of data
0C BC 80 B0 0006 44 movw (r0)+,@12(ap) ; Return TYPE
08 BC 80 B0 000A 45 movw (r0)+,@8(ap) ; Return CLASS
10 BC 80 B0 000E 46 movw (r0)+,@16(ap) ; Return VERSION
14 BC 80 B0 0012 47 movw (r0)+,@20(ap) ; Return TRANSFER VECTOR OFFSET
04 BC 50 DO 0016 48 movl r0,@4(ap) ; Restore updated address
04 001A 49 ret
001B 50 .end

```

GET CODE  
Symbol table

- returns codes from loaded image.

D 9

15-SEP-1984 23:58:08 VAX/VMS Macro V04-00  
5-SEP-1984 00:53:22 [ERF.SRC]GETCODE.MAR;1

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(1)

GET\_CODE 00000000 RG 01

-----  
! Psect synopsis !  
-----

PSECT name	Allocation	PSECT No.	Attributes												
ABS	00000000 ( 0.)	00 ( 0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE		
\$CODE	0000001B ( 27.)	01 ( 1.)	PIC	USR	CON	REL	LCL	NOSHR	EXE	RD	NOWRT	NOVEC	BYTE		

-----  
! Performance indicators !  
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Phase	Page faults	CPU Time	Elapsed Time
Initialization	37	00:00:00.08	00:00:00.37
Command processing	124	00:00:00.41	00:00:01.75
Pass 1	67	00:00:00.27	00:00:00.76
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	28	00:00:00.19	00:00:00.78
Symbol table output	1	00:00:00.01	00:00:00.01
Psect synopsis output	1	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	261	00:00:00.98	00:00:03.68

The working set limit was 750 pages.  
600 bytes (2 pages) of virtual memory were used to buffer the intermediate code.  
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.  
50 source lines were read in Pass 1, producing 13 object records in Pass 2.  
0 pages of virtual memory were used to define 0 macros.

-----  
! Macro library statistics !  
-----

Macro library name	Macros defined
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:GETCODE/OBJ=OBJ\$:GETCODE MSRC\$:GETCODE/UPDATE=(ENH\$:GETCODE)

ERFRTVEC LIS	ERFSUMM LIS	ERFTAPEVE LIS	ERLOGSTS LIS	ERLOGMSG LIS	ERFRTVEC LIS	ERFSUMVEC LIS	GETCODE LIS	EXECIMAGE LIS	FILES LIS	HEADER LIS	INITBUS LIS	INITPROC1 LIS	INITPROC2 LIS	INITPROC3 LIS	INITPROC4 LIS	INITREAL LIS	INITTAPE LIS	INITDISK LIS	INITPROC5 LIS	INTERVENE LIS	IMAGELoad LIS	RM53271 LIS
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