


```

LL      IIIIII  BBBB8888  GGGGGGGG  EEEEEEEEEE  TTTTTTTTTT  DDDDDDDD  VV      VV      IIIIII
LL      IIIIII  BBBB8888  GGGGGGGG  EEEEEEEEEE  TTTTTTTTTT  DDDDDDDD  VV      VV      IIIIII
LL      II      BB      BB  GG      EE      TT      DD      DD  VV      VV      II
LL      II      BB      BB  GG      EE      TT      DD      DD  VV      VV      II
LL      II      BB      BB  GG      EE      TT      DD      DD  VV      VV      II
LL      II      BB      BB  GG      EE      TT      DD      DD  VV      VV      II
LL      II      BBBB8888  GG      EEEEEEEE  TT      DD      DD  VV      VV      II
LL      II      BBBB8888  GG      EEEEEEEE  TT      DD      DD  VV      VV      II
LL      II      BB      BB  GG  GGGGGG  EE      TT      DD      DD  VV      VV      II
LL      II      BB      BB  GG  GGGGGG  EE      TT      DD      DD  VV      VV      II
LL      II      BB      BB  GG      GG      EE      TT      DD      DD  VV      VV      II
LL      II      BB      BB  GG      GG      EE      TT      DD      DD  VV      VV      II
LLLLLLLLLL  IIIIII  BBBB8888  GGGGGG  EEEEEEEEEE  TT      DD      DD  VV      VV      IIIIII
LLLLLLLLLL  IIIIII  BBBB8888  GGGGGG  EEEEEEEEEE  TT      DD      DD  VV      VV      IIIIII

```

```

LL      IIIIII  SSSSSSSS
LL      IIIIII  SSSSSSSS
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

```

```

1 0001 0 MODULE LIB$GETDVI ( %TITLE 'Get Device/Volume Information'
2 0002 0 IDENT = '1-003' ! File: LIBGETDVI.B32 Edit: SBL1003
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 **
31 0031 1 FACILITY: General Utility Library
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 LIB$GETDVI obtains a specified item of Device/Volume
36 0036 1 and formats it in an appropriate manner.
37 0037 1
38 0038 1 ENVIRONMENT: User mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 11-Jan-1983
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SBL 11-Jan-1983
45 0045 1 1-002 - Change format codes to LIB$K_FMT. Change string length from
46 0046 1 NAM$C_MAXRSS (252) to LNM$C_NAMLENGTH (255). 11-Mar-1983
47 0047 1 1-003 - Change string length to 512. SBL 11-Mar-1983
48 0048 1 --
49 0049 1

```

```
.. 51 0050 1 %SBTTL 'Declarations'
.. 52 0051 1
.. 53 0052 1 : PROLOGUE FILE:
.. 54 0053 1 :
.. 55 0054 1
.. 56 0055 1 REQUIRE 'RTLIN:LIBPROLOG'; : Switches, PSECTS, macros
.. 57 0126 1
.. 58 0127 1 :
.. 59 0128 1 LINKAGES:
.. 60 0129 1
.. 61 0130 1 NONE
.. 62 0131 1
.. 63 0132 1 TABLE OF CONTENTS:
.. 64 0133 1 :
.. 65 0134 1
.. 66 0135 1 FORWARD ROUTINE
.. 67 0136 1 LIB$GETDVI; : Get Device/Volume Information
.. 68 0137 1
.. 69 0138 1 :
.. 70 0139 1 MACROS:
.. 71 0140 1
.. 72 0141 1 NONE
.. 73 0142 1
.. 74 0143 1 EQUATED SYMBOLS:
.. 75 0144 1
.. 76 0145 1 NONE
.. 77 0146 1
.. 78 0147 1 FIELDS:
.. 79 0148 1
.. 80 0149 1 NONE
.. 81 0150 1
.. 82 0151 1 OWN STORAGE:
.. 83 0152 1
.. 84 0153 1 NONE
.. 85 0154 1
.. 86 0155 1 EXTERNALS:
.. 87 0156 1 :
.. 88 0157 1
.. 89 0158 1 EXTERNAL ROUTINE
.. 90 0159 1 LIB$$GETDVI, : Internal routine
.. 91 0160 1 LIB$ANALYZE_SDESC_R2: LIB$ANALYZE_SDESC_R2$LINKAGE, ! Get length and pointer
.. 92 0161 1 LIB$GET EF, : Allocate event flag number
.. 93 0162 1 LIB$FREE EF: NOVALUE, : Free event flag number
.. 94 0163 1 LIB$COPY_R_DX6: LIB$COPY_R_DX6$LINKAGE; ! Copy string by reference.
.. 95 0164 1
.. 96 0165 1 EXTERNAL LITERAL
.. 97 0166 1 LIB$_INVARG, : Invalid argument
.. 98 0167 1 LIB$_STRTRU; ! String truncated
```

```
0168 1 XSBTTL 'LIB$GETDVI - Get Device/Volume Information'
0169 1 GLOBAL ROUTINE LIB$GETDVI (
0170 1     ITEM CODE: REF VECTOR [, WORD],      : Code of desired item
0171 1     CHANNEL: REF VECTOR [, WORD],        : Channel number
0172 1     DEVICE_NAME: REF BLOCK [, BYTE],     : Device name
0173 1     OUT_VALUE: REF VECTOR [, LONG],      : Output numeric value
0174 1     OUT_STRING: REF BLOCK [, BYTE],      : Output string descriptor
0175 1     OUT_LEN: REF VECTOR [, WORD]         : Output string length
0176 1 ) =
0177 1
0178 1
0179 1 **
0180 1 FUNCTIONAL DESCRIPTION:
0181 1
0182 1     LIB$GETDVI provides a simplified interface to the $GETDVI system
0183 1     service. It returns information about an I/O device. The
0184 1     calling process does not have to have a channel assigned to the
0185 1     device. Two categories of information can be returned:
0186 1
0187 1     o The primary device characteristics.
0188 1
0189 1     o The secondary device characteristics.
0190 1
0191 1     LIB$GETDVI provides the following features in addition to those
0192 1     provided by the $GETDVI system service:
0193 1
0194 1     o Instead of a list of item descriptors, which may be
0195 1     difficult to construct in high-level languages, the
0196 1     single item desired is specified as an integer code
0197 1     which is passed by reference. Results are written to
0198 1     separate arguments.
0199 1
0200 1     o For items which return numeric values, LIB$GETDVI can
0201 1     optionally provide a formatted string interpretation of
0202 1     the value. For example, if the device owner UIC is
0203 1     requested, LIB$GETDVI can return the UIC formatted as
0204 1     "[g,m]".
0205 1
0206 1     o For string arguments, all string classes supported by
0207 1     the Run-Time Library are understood.
0208 1
0209 1     o Calls to LIB$GETDVI are synchronous; LIB$GETDVI calls
0210 1     LIB$GET_EF to allocate a local event flag number for
0211 1     synchronization.
0212 1
0213 1     LIB$GETDVI does not provide the ability to obtain more than one
0214 1     item of information in a single call.
0215 1
0216 1 CALLING SEQUENCE:
0217 1
0218 1     ret-status.wlc.v = LIB$GETDVI (
0219 1         item-code.rw.r,
0220 1         [channel.rw.r],
0221 1         [device-name.rt.dx],
0222 1         [out-value.wz.r]
0223 1         [, [out-string.wt.dx]
0224 1         [, [out-len.wwu.r] ]])
```

```
157 0225 1 | FORMAL PARAMETERS:
158 0226 1 |
159 0227 1 |   item-code
160 0228 1 |     A longword integer item identifier code that specifies which item
161 0229 1 |     of information you are requesting. All valid $GETDVI item codes,
162 0230 1 |     whose names begin with DVI$, are accepted.
163 0231 1 |
164 0232 1 |   channel
165 0233 1 |     A longword integer specifying the VMS I/O channel assigned to
166 0234 1 |     the device for which information is to be returned. If not
167 0235 1 |     specified, device-name is used instead. You must specify
168 0236 1 |     either channel or device-name, but not both. If both or
169 0237 1 |     neither are specified, the error status SSS_IVDEVNAM is
170 0238 1 |     returned.
171 0239 1 |
172 0240 1 |   device-name
173 0241 1 |     A string specifying the name of the device for which
174 0242 1 |     information is to be returned. The string may be either a
175 0243 1 |     physical device name or a logical name. If the string
176 0244 1 |     contains a colon, the colon and the characters that follow it
177 0245 1 |     are ignored. If the first character in the string is an
178 0246 1 |     underscore character (_), the name is considered a physical
179 0247 1 |     device name. Otherwise, the name is considered a logical name
180 0248 1 |     and logical name translation is performed until either a
181 0249 1 |     physical device name is found or the system default number of
182 0250 1 |     translations has been performed.
183 0251 1 |
184 0252 1 |     If not specified, channel is used instead. You must specify
185 0253 1 |     either channel or device-name, but not both. If both or
186 0254 1 |     neither are specified, the error status SSS_IVDEVNAM is
187 0255 1 |     returned.
188 0256 1 |
189 0257 1 |   out-value
190 0258 1 |     A longword or quadword into which is placed the numeric
191 0259 1 |     value of the information requested. If an item only returns
192 0260 1 |     a string value, this parameter is ignored.
193 0261 1 |
194 0262 1 |   out-string
195 0263 1 |     A string into which is placed the string representation of
196 0264 1 |     the information requested. If out-string is not specified,
197 0265 1 |     and the value returned has only a string representation, the
198 0266 1 |     error status LIB$_INVARG is returned.
199 0267 1 |
200 0268 1 |   out-len
201 0269 1 |     A word integer into which is placed the number of significant
202 0270 1 |     characters written to out-string, not including blank padding
203 0271 1 |     or truncated characters.
204 0272 1 |
205 0273 1 | IMPLICIT INPUTS:
206 0274 1 |
207 0275 1 |     NONE
208 0276 1 |
209 0277 1 | IMPLICIT OUTPUTS:
210 0278 1 |
211 0279 1 |     NONE
212 0280 1 |
213 0281 1 | COMPLETION STATUS:
```

```
.. 214 0282 1 |
.. 215 0283 1 | SSS NORMAL Normal successful completion
.. 216 0284 1 | LIB$_STRTRU String truncated. This is an alternate success status.
.. 217 0285 1 | LIB$_INSEF Insufficient event flags
.. 218 0286 1 | LIB$_INVSTRDES Invalid string descriptor
.. 219 0287 1 | LIB$_WRONUMARG Wrong number of arguments
.. 220 0288 1 | LIB$_xxx Any error status from LIB$SCOPY_R_DX
.. 221 0289 1 | SSS_BADPARAM The item code is not recognized as valid.
.. 222 0290 1 | SSS_XXX Any error status from $GETDVI
.. 223 0291 1 |
.. 224 0292 1 | SIDE EFFECTS:
.. 225 0293 1 |
.. 226 0294 1 | NONE
.. 227 0295 1 |
.. 228 0296 1 | --
```

```
230 0297 2 BEGIN
231 0298 2
232 0299 2
233 0300 2 LOCAL
234 0301 2 RET_STRING: VECTOR [512, BYTE], ! Local string for value
235 0302 2 RET_LENGTH: WORD, ! Length of RET_STRING
236 0303 2 RET_NUMBER: VECTOR [2, LONG], ! Local quadword for value
237 0304 2 RET_TYPE, ! Returned type code
238 0305 2 LCL_DEVNAM_DSC: BLOCK [8, BYTE], ! Local descriptor for DEVNAM
239 0306 2 DEVNAM_DSC_ADR, ! Address of DEVNAM descriptor
240 0307 2 EVENT_FLAG, ! Event flag number
241 0308 2 STR_STATUS, EF_STATUS, DVI_STATUS, COPY_STATUS; ! Return statuses
242 0309 2
243 0310 2 BUILTIN
244 0311 2 NULLPARAMETER;
245 0312 2
246 0313 2 !+
247 0314 2 ! Validate argument count.
248 0315 2 !-
249 0316 2 $LIB$VALIDATE_ARGCOUNT (4,6);
250 0317 2
251 0318 2 !+
252 0319 2 ! Build static descriptor for DEVICE_NAME, if any.
253 0320 2 !-
254 0321 2
255 0322 2 IF NULLPARAMETER (3)
256 0323 2 THEN
257 0324 2 DEVNAM_DSC_ADR = 0 ! Omitted
258 0325 2 ELSE
259 0326 2 BEGIN
260 0327 2 LCL_DEVNAM_DSC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
261 0328 2 LCL_DEVNAM_DSC [DSC$B_CLASS] = DSC$K_CLASS_S;
262 0329 2 STR_STATUS = LIB$ANALYZE_SDESC_R2 (DEVICE_NAME [0,0,0,0];
263 0330 2 LCL_DEVNAM_DSC [DSC$B_LENGTH], LCL_DEVNAM_DSC [DSC$A_POINTER]);
264 0331 2 IF NOT .STR_STATUS
265 0332 2 THEN
266 0333 2 RETURN .STR_STATUS;
267 0334 2 DEVNAM_DSC_ADR = LCL_DEVNAM_DSC;
268 0335 2 END;
269 0336 2
270 0337 2 !+
271 0338 2 ! Allocate an event flag number to use for the $GETDVI.
272 0339 2 !-
273 0340 2
274 0341 2 EF_STATUS = LIB$GET_EF (EVENT_FLAG);
275 0342 2 IF NOT .EF_STATUS
276 0343 2 THEN
277 0344 2 RETURN .EF_STATUS;
278 0345 2
279 0346 2 !+
280 0347 2 ! Call LIB$$GETDVI to do the work.
281 0348 2 !-
282 0349 2
283 0350 2 DVI_STATUS = LIB$$GETDVI (
284 0351 2 .ITEM_CODE [0],
285 0352 2 RET_STRING,
286 0353 2 RET_NUMBER,
```



```
287 0354 2 RET_LENGTH,  
288 0355 2 RET_TYPE,  
289 0356 2 .EVENT_FLAG,  
290 0357 2 (IF NULLPARAMETER (2) THEN 0 ELSE .CHANNEL [0]),  
291 0358 2 .DEVNAM_DSC_ADR);  
292 0359 2  
293 0360 2 !+  
294 0361 2 ! Free the event flag.  
295 0362 2 !-  
296 0363 2  
297 0364 2 LIB$FREE_EF (EVENT_FLAG);  
298 0365 2  
299 0366 2 !+  
300 0367 2 ! Check for errors.  
301 0368 2 !-  
302 0369 2  
303 0370 2 IF NOT .DVI_STATUS  
304 0371 2 THEN  
305 0372 2 RETURN .DVI_STATUS;  
306 0373 2  
307 0374 2 !+  
308 0375 2 ! Copy the numeric value, if desired.  
309 0376 2 !-  
310 0377 2  
311 0378 2 IF OUT_VALUE [0] NEQA 0  
312 0379 2 THEN  
313 0380 2 BEGIN  
314 0381 2 IF .RET_TYPE GTRU LIB$K_FMT_MAXSTRING ! Is it a number?  
315 0382 2 THEN  
316 0383 2 BEGIN  
317 0384 2 OUT_VALUE [0] = .RET_NUMBER [0];  
318 0385 2 IF .RET_TYPE EQL LIB$K_FMT_DATE OR  
319 0386 2 .RET_TYPE EQL LIB$K_FMT_PRIVILEGE  
320 0387 2 THEN  
321 0388 2 OUT_VALUE [1] = .RET_NUMBER [1]; ! Store second longword  
322 0389 2 END;  
323 0390 2 END;  
324 0391 2  
325 0392 2 !+  
326 0393 2 ! Store string value if desired.  
327 0394 2 !-  
328 0395 2  
329 0396 2 IF NOT NULLPARAMETER (5)  
330 0397 2 THEN  
331 0398 2 BEGIN  
332 0399 2 COPY_STATUS = LIB$COPY_R_DX6 (.RET_LENGTH, RET_STRING,  
333 0400 2 OUT_STRING [0,0,0,0]);  
334 0401 2 IF NOT NULLPARAMETER (6)  
335 0402 2 THEN  
336 0403 2 BEGIN  
337 0404 2 !+  
338 0405 2 ! Store result string length.  
339 0406 2 !-  
340 0407 2 OUT_LEN [0] = .RET_LENGTH;  
341 0408 2 IF .COPY_STATUS EQCU LIB$_STRTRU  
342 0409 2 THEN  
343 0410 2 LIB$ANALYZE_SDESC_R2 (OUT_STRING [0,0,0,0]; OUT_LEN [0]);
```

```

: 344      0411      3      END;
: 345      0412      3      RETURN .COPY_STATUS;
: 346      0413      3      END
: 347      0414      2      ELSE IF .RET_TYPE LEQU LIB$K_FMT_MAXSTRING
: 348      0415      2      THEN
: 349      0416      2      RETURN LIB$_INVARG;      ! Only string value, but nothing to return it in
: 350      0417      2
: 351      0418      2      RETURN S$$_NORMAL;      ! Success
: 352      0419      2
: 353      0420      1      END;

```

! End of routine LIB\$GETDVI

.TITLE LIB\$GETDVI Get Device/Volume Information
.IDENT \1-003\

.EXTRN LIB\$\$GETDVI, LIB\$ANALYZE_SDESC_R2
.EXTRN LIB\$GET_EF, LIB\$FREE_EF
.EXTRN LIB\$SCOPY_R_DX6
.EXTRN LIB\$_INVARG, LIB\$_STRTRU
.EXTRN LIB\$_WRONUMARG

.PSECT _LIB\$CODE, NOWRT, SHR, PIC, 2

			00FC 0000	.ENTRY LIB\$GETDVI, Save R2,R3,R4,R5,R6,R7	: 0169
	57	00000000G	00 9E 00002	MOVAB LIB\$ANALYZE_SDESC_R2, R7	
	5E	FDE4	CE 9E 00009	MOVAB -540(SP), SP	
50	6C		04 83 0000E	SUBB3 #4, (AP), DIFF	: 0316
	02		50 91 00012	CMPB DIFF, #2	
			08 1B 00015	BLEQU 1\$	
	50	00000000G	8F D0 00017	MOVL #LIB\$_WRONUMARG, R0	
			04 0001E	RET	
	03		6C 91 0001F 1\$:	CMPB (AP), #3	: 0322
			05 1F 00022	BLSSL 2\$	
		0C	AC D5 00024	TSTL 12(AP)	
			04 12 00027	BNEQ 3\$	
			53 D4 00029 2\$:	CLRL DEVNAM_DSC_ADR	: 0324
			1B 11 0002B	BRB 4\$	
	0E	AE 010E	8F B0 0002D 3\$:	MOVW #270, LCL_DEVNAM_DSC+2	: 0327
			AC D0 00033	MOVL DEVICE_NAME, R0	: 0330
			67 16 00037	JSB LIB\$ANALYZE_SDESC_R2	
	0C	AE	51 B0 00039	MOVW R1, LCL_DEVNAM_DSC	
	10	AE	52 D0 0003D	MOVL R2, LCL_DEVNAM_DSC+4	
			50 E9 00041	BLBC STR_STATUS, 5\$: 0331
		0C	AE 9E 00044	MOVAB LCL_DEVNAM_DSC, DEVNAM_DSC_ADR	: 0334
		08	AE 9F 00048 4\$:	PUSHAB EVENT_FLAG	: 0341
	00000000G	00	01 FB 0004B	CALLS #1, LIB\$GET_EF	
		01	50 E8 00052 5\$:	BLBS EF_STATUS, 8\$: 0342
			04 00055	RET	
			53 DD 00056 6\$:	PUSHL DEVNAM_DSC_ADR	: 0358
	02		6C 91 00058	CMPB (AP), #2	: 0357
			05 1F 0005B	BLSSU 7\$	
		08	AC D5 0005D	TSTL 8(AP)	
			04 12 00060	BNEQ 8\$	
			7E D4 00062 7\$:	CLRL -(SP)	
			04 11 00064	BRB 9\$	
	7E	08	BC 3C 00066 8\$:	MOVZWL @CHANNEL, -(SP)	
		10	AE DD 0006A 9\$:	PUSHL EVENT_FLAG	: 0356

		0C	AE	9F	0006D		PUSHAB	RET_TYPE	0350
		14	AE	9F	00070		PUSHAB	RET_LENGTH	
		28	AE	9F	00073		PUSHAB	RET_NUMBER	
		34	AE	9F	00076		PUSHAB	RET_STRING	
		04	BC	3C	00079		MOVZWL	@ITEM CODE, -(SP)	0351
00000000G	7E	00	08	FB	0007D		CALLS	#8, LIB\$\$GETDVI	
	52	50	D0	D0	00084		MOVL	R0, DVI STATUS	
		08	AE	9F	00087		PUSHAB	EVENT_FLAG	0364
00000000G	00	01	FB	0008A		CALLS	#1, LIB\$FREE_EF		
	04	52	E8	00091		BLBS	DVI_STATUS, TOS		0370
	50	52	D0	00094		MOVL	DVI_STATUS, R0		0372
				04	00097		RET		
	50	10	AC	D0	00098	10\$:	MOVL	OUT_VALUE, R0	0378
			18	13	0009C		BEQL	12\$	
	03		6E	D1	0009E		CMPL	RET_TYPE, #3	0381
			13	1B	000A1		BLEQU	12\$	
	60	14	AE	D0	000A3		MOVL	RET_NUMBER, (R0)	0384
	0B		6E	D1	000A7		CMPL	RET_TYPE, #11	0385
			05	13	000AA		BEQL	11\$	
	0C		6E	D1	000AC		CMPL	RET_TYPE, #12	0386
			05	12	000AF		BNEQ	12\$	
04	A0	18	AE	D0	000B1	11\$:	MOVL	RET_NUMBER+4, 4(R0)	0388
	05		6C	91	000B6	12\$:	CMPB	(AP), #5	0396
			40	1F	000B9		BLSSU	14\$	
		14	AC	D5	000BB		TSTL	20(AP)	
			3B	13	000BE		BEQL	14\$	
	51	1C	AE	9E	000C0		MOVAB	RET_STRING, R1	0399
	52	14	AC	D0	000C4		MOVL	OUT_STRING, R2	0400
	50	04	AE	3C	000C8		MOVZWL	RET_LENGTH, R0	
		00000000G	00	16	000CC		JSB	LIB\$COPY_R DX6	
	53		50	D0	000D2		MOVL	R0, COPY_STATUS	
	06		6C	91	000D5		CMPB	(AP), #6	0401
			1D	1F	000D8		BLSSU	13\$	
		18	AC	D5	000DA		TSTL	24(AP)	
			18	13	000DD		BEQL	13\$	
18	BC	04	AE	B0	000DF		MOVW	RET_LENGTH, @OUT_LEN	0407
00000000G	8F		53	D1	000E4		CMPL	COPY_STATUS, #LIB\$_STRTRU	0408
			0A	12	000EB		BNEQ	13\$	
	50	14	AC	D0	000ED		MOVL	OUT_STRING, R0	0410
			67	16	000F1		JSB	LIB\$ANALYZE_SDESC_R2	
18	BC		51	B0	000F3		MOVW	R1, @OUT_LEN	
	50		53	D0	000F7	13\$:	MOVL	COPY_STATUS, R0	0412
				04	000FA		RET		
	03		6E	D1	000FB	14\$:	CMPL	RET_TYPE, #3	0414
			08	1A	000FE		BGTRU	15\$	
	50	00000000G	8F	D0	00100		MOVL	#LIB\$_INVARG, R0	0416
				04	00107		RET		
	50		01	D0	00108	15\$:	MOVL	#1, R0	0418
				04	0010B		RET		0420

; Routine Size: 268 bytes, Routine Base: _LIB\$CODE + 0000

LIB\$GETDVI
1-003

Get Device/Volume Information
LIB\$GETDVI - Get Device/Volume Information

D 7
16-Sep-1984 00:58:16
14-Sep-1984 12:38:56

VAX-11 Bliss-32 V4.0-742
[LIBRTL.SRC]LIBGETDVI.B32;1

Page 10
(5)

: 355 0421 1 END
: 356 0422 1
: 357 0423 0 ELUDOM

! End of module LIB\$GETDVI

PSECT SUMMARY

Name Bytes Attributes
_LIB\$CODE 268 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	7	0	581	00:00.7
_\$255\$DUA28:[LIBRTL.OBJ]RTLLIB.L32;1	36	6	16	8	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:LIBGETDVI/OBJ=OBJ\$:LIBGETDVI MSRC\$:LIBGETDVI/UPDATE=(ENH\$:LIBGETDVI)

: Size: 268 code + 0 data bytes
: Run Time: 00:05.1
: Elapsed Time: 00:27.7
: Lines/CPU Min: 4966
: Lexemes/CPU-Min: 17671
: Memory Used: 108 pages
: Compilation Complete

This image displays a grid of 100 terminal window screenshots, arranged in 10 rows and 10 columns. Each window shows the output of a specific LIS command. The commands are as follows:

- Row 1: LIBFLUND LIS, LIBGETSYI LIS, LIBICHR LIS, LIBINITIA LIS
- Row 2: LIBFIXUPF LIS
- Row 3: LIBGETFOR LIS, LIBGETINP LIS
- Row 4: LIBGETDVI LIS, LIBGETOPC LIS
- Row 5: LIBFNDING LIS
- Row 6: LIBGETMSG LIS
- Row 7: LIBINDEX LIS
- Row 8: LIBINSQHI LIS
- Row 9: LIBGETIPT LIS, LIBGETTAB LIS
- Row 10: (Screenshots showing various data outputs)

The screenshots contain text-based data, including lists of records, status reports, and command-line interactions. The text is small and dense, typical of a terminal window printout.