

(2) 47
(3) 66
(4) 96

HISTORY ; Detailed Current Edit History
DECLARATIONS
LIBSAB_ASC_EBC

```
0000 1 .TITLE LIB$AB ASC EBC ASCII to EBCDIC Translation Table
0000 2 .IDENT /1-0077 ; File: LIBASCEBC.MAR EDIT:LEB1007
0000 3
0000 4 *****
0000 5 *
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0000 23 *
0000 24 *
0000 25 *****
0000 26
0000 27 FACILITY: GENERAL-PURPOSE UTILITY
0000 28 ++
0000 29 ABSTRACT:
0000 30 This module contains the ASCII to EBCDIC translation table.
0000 31
0000 32
0000 33 --
0000 34
0000 35 VERSION: 1
0000 36
0000 37 HISTORY:
0000 38
0000 39 AUTHOR:
0000 40 Marty Jack, 11-Mar-1979
0000 41
0000 42 MODIFIED BY:
0000 43
0000 44
0000 45
```

```
0000 47 .SBTTL HISTORY ; Detailed Current Edit History
0000 48
0000 49
0000 50 : Edit History for Version 1 of LIBASCEBC (alias COBASCEBC)
0000 51 :
0000 52 : 1-001 - Original. MLJ 11-Mar-1979
0000 53 : 1-002 - Changed name to LIB$AB_ASC_EBC to reflect general-
0000 54 : purpose nature of table.
0000 55 : This also involved putting it in PSECT _LIB$CODE.
0000 56 : RKR 17-JULY-1979
0000 57 : 1-003 - Changed upper half of table (high-ordr bit = 1) to translate
0000 58 : to ^0077 (the EBCDIC Substitute code). RKR 07-AUG-1979
0000 59 : 1-004 - Replaced 'missing' eighth line. RKR 26-SEPT-79
0000 60 : 1-005 - Cosmetic changes. RKR 21-OCT-79
0000 61 : 1-006 - Add comments. RKR 04-DEC-79
0000 62 : 1-007 - Changed position 256 in the translation table to map to
0000 63 : octal 377 (instead of octal 77) to ensure that the COBOL
0000 64 : language construct of HIGH VALUES works correctly. LB 11-MAY-81.
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0000 66      .SBTTL DECLARATIONS
0000 67
0000 68
0000 69 : INCLUDE FILES:
0000 70 :
0000 71
0000 72 :
0000 73 : EXTERNAL SYMBOLS:
0000 74 :     NONE
0000 75 :
0000 76
0000 77 :
0000 78 : MACROS:
0000 79 :     NONE
0000 80 :
0000 81
0000 82 :
0000 83 : PSECT DECLARATIONS:
0000 84 :     .PSECT _LIB$CODE PIC,USR,CON,REL,LCL,SHR,EXE,RD,NOWRT
0000 85 :
0000 86 :
0000 87 : EQUATED SYMBOLS:
0000 88 :     NONE
0000 89 :
0000 90
0000 91 :
0000 92 : OWN STORAGE:
0000 93 :     NONE
0000 94 :
```

```

0000 96 .SBTTL LIB$AB_ASC_EBC
0000 97
0000 98
0000 99 :++
0000 100 : FUNCTIONAL DESCRIPTION:
0000 101 : This is the ASCII to EBCDIC translation table, based on
0000 102 : ANSI X3.26 - 1970
0000 103 :
0000 104 : All ASCII graphics are translated to their equivalent EBCDIC
0000 105 : graphic except for:
0000 106 :
0000 107 : ASCII graphic EBCDIC graphic
0000 108 : -----
0000 109 : [ (left square bracket) cents sign
0000 110 : ! (exclamation point) short vertical bar
0000 111 : ^ (circumflex) logical not
0000 112 : ] (right square bracket) ! (exclamation point)
0000 113 :
0000 114 : --
0000 115 :
0000 116 LIB$AB_ASC_EBC::
2F 2E 2D 37 03 02 01 00 0000 117 .BYTE ^0000,^0001,^0002,^0003,^0067,^0055,^0056,^0057 :000-007
0F 0E 0D 0C 0B 25 05 16 0008 118 .BYTE ^0026,^0005,^0045,^0013,^0014,^0015,^0016,^0017 :010-017
26 32 3D 3C 13 12 11 10 0010 119 .BYTE ^0020,^0021,^0022,^0023,^0074,^0075,^0062,^0046 :020-027
1F 1E 1D 1C 27 3F 19 18 0018 120 .BYTE ^0030,^0031,^0077,^0047,^0034,^0035,^0036,^0037 :030-037
7D 50 6C 5B 7B 7F 4F 40 0020 121 .BYTE ^0100,^0117,^0177,^0173,^0133,^0154,^0120,^0175 :040-047
61 4B 60 6B 4E 5C 5D 4D 0028 122 .BYTE ^0115,^0135,^0134,^0116,^0153,^0140,^0113,^0141 :050-057
F7 F6 F5 F4 F3 F2 F1 F0 0030 123 .BYTE ^0360,^0361,^0362,^0363,^0364,^0365,^0366,^0367 :060-067
6F 6E 7E 4C 5E 7A F9 F8 0038 124 .BYTE ^0370,^0371,^0172,^0136,^0114,^0176,^0156,^0157 :070-077
C7 C6 C5 C4 C3 C2 C1 7C 0040 125 .BYTE ^0174,^0301,^0302,^0303,^0304,^0305,^0306,^0307 :100-107
D6 D5 D4 D3 D2 D1 C9 C8 0048 126 .BYTE ^0310,^0311,^0321,^0322,^0323,^0324,^0325,^0326 :110-117
E6 E5 E4 E3 E2 D9 D8 D7 0050 127 .BYTE ^0327,^0330,^0331,^0342,^0343,^0344,^0345,^0346 :120-127
6D 5F 5A E0 4A E9 E8 E7 0058 128 .BYTE ^0347,^0350,^0351,^0112,^0340,^0132,^0137,^0155 :130-137
87 86 85 84 83 82 81 79 0060 129 .BYTE ^0171,^0201,^0202,^0203,^0204,^0205,^0206,^0207 :140-147
96 95 94 93 92 91 89 88 0068 130 .BYTE ^0210,^0211,^0221,^0222,^0223,^0224,^0225,^0226 :150-157
A6 A5 A4 A3 A2 99 98 97 0070 131 .BYTE ^0227,^0230,^0231,^0242,^0243,^0244,^0245,^0246 :160-167
07 A1 D0 6A C0 A9 A8 A7 0078 132 .BYTE ^0247,^0250,^0251,^0300,^0152,^0320,^0241,^0007 :170-177
0080 133
3F 3F 3F 3F 3F 3F 3F 3F 0080 134 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :200-207
3F 3F 3F 3F 3F 3F 3F 3F 0088 135 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :210-217
3F 3F 3F 3F 3F 3F 3F 3F 0090 136 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :220-227
3F 3F 3F 3F 3F 3F 3F 3F 0098 137 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :230-237
3F 3F 3F 3F 3F 3F 3F 3F 00A0 138 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :240-247
3F 3F 3F 3F 3F 3F 3F 3F 00A8 139 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :250-257
3F 3F 3F 3F 3F 3F 3F 3F 00B0 140 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :260-267
3F 3F 3F 3F 3F 3F 3F 3F 00B8 141 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :270-277
3F 3F 3F 3F 3F 3F 3F 3F 00C0 142 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :300-307
3F 3F 3F 3F 3F 3F 3F 3F 00C8 143 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :310-317
3F 3F 3F 3F 3F 3F 3F 3F 00D0 144 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :320-327
3F 3F 3F 3F 3F 3F 3F 3F 00D8 145 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :330-337
3F 3F 3F 3F 3F 3F 3F 3F 00E0 146 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :340-347
3F 3F 3F 3F 3F 3F 3F 3F 00E8 147 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :350-357
3F 3F 3F 3F 3F 3F 3F 3F 00F0 148 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0077 :360-367
FF 3F 3F 3F 3F 3F 3F 3F 00F8 149 .BYTE ^0077,^0077,^0077,^0077,^0077,^0077,^0077,^0377 :370-377
0100 150 :
0100 151 .END

```

LIB\$AB_ASC_EBC 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
_LIB\$CODE	00000100 (256.)	01 (1.)	PIC USR CON RE LCL SHR EXE RD NOWRT NOVEC BYTE

```

+-----+
! Performance indicators !
+-----+

```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	34	00:00:00.04	00:00:00.81
Command processing	132	00:00:00.30	00:00:02.84
Pass 1	63	00:00:00.50	00:00:06.05
Symbol table sort	0	00:00:00.00	00:00:00.58
Pass 2	42	00:00:00.19	00:00:02.13
Symbol table output	2	00:00:00.01	00:00:00.00
Psect synopsis output	2	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	277	00:00:01.05	00:00:12.90

The working set limit was 900 pages.

2775 bytes (6 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.

151 source lines were read in Pass 1, producing 8 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/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LISS:LIBASCEBC/OBJ=OBJ\$:LIBASCEBC MSRC\$:LIBASCEBC/UPDATE=(ENH\$:LIBASCEBC)

RTLMACB32 REQ	STRMACROS REQ	RTLOOBBG REQ	RTLPSECT REQ	STRLNK REQ	RTLMACMAR MAR	LIBASCEBC LIS	LIBASTINP LIS	LIBBINTRE LIS	LIBCHAR LIS
					LIBDEF FOR	LIBANASTR LIS	LIBASNMBX LIS	LIBBBCCI LIS	
					LIBABUPCA LIS	LIBADDP LIS			
					SIGDEF FOR		LIBASCTIM LIS		
							LIBATTACH LIS		
					LIBTABMAC MAR	LIBA2EREV LIS	LIBBBSST LIS	LIBCALLG LIS	LIBCLICAL LIS
						LIBADDP LIS			