



```

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
LLLLLLLLLLLL IIIIII          SSSSSSSS
LLLLLLLLLLLL IIIIII          SSSSSSSS

```



|      |     |                        |
|------|-----|------------------------|
| (2)  | 50  | DECLARATIONS           |
| (3)  | 80  | STR\$AB_MULTI          |
| (4)  | 149 | STR\$AB_MULTI_CLASS    |
| (5)  | 203 | STR\$AB_DAN_NOR        |
| (6)  | 247 | STR\$AB_DAN_NOR_CLASS  |
| (7)  | 293 | STR\$AB_FIN_SWED       |
| (8)  | 337 | STR\$AB_FIN_SWED_CLASS |
| (9)  | 383 | STR\$AB_GERMAN         |
| (10) | 427 | STR\$AB_GERMAN_CLASS   |
| (11) | 473 | STR\$AB_SPANISH        |
| (12) | 532 | STR\$AB_SPANISH_CLASS  |

STR\$AB\_MUL  
1-001

Multinational Character Set

G 6

16-SEP-1984 00:33:53 VAX/VMS Macro V04-00  
6-SEP-1984 11:15:59 [LIBRTL.SRC]STRABMUL.MAR;1

Page 1  
(1)

```
0000 1      .TITLE STR$AB_MUL      Multinational Character Set
0000 2      .IDENT /1-0017      ; File: STRABMUL.MAR
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
0000 8 :*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
0000 9 :*  ALL RIGHTS RESERVED.
0000 10 :*
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0000 21 :*
0000 22 :*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 23 :*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 24 :*
0000 25 :*
0000 26 :*****
0000 27
0000 28 : FACILITY: STRING PACKAGE GENERAL UTILITY
0000 29 :++
0000 30 : ABSTRACT:
0000 31 :   This module contains the Aophabetic Ordering Values for the
0000 32 :   Multinational Character Set and foreign language variations
0000 33 :   thereof based on DEC Standard 169.
0000 34 :
0000 35 :--
0000 36
0000 37 : VERSION: 1
0000 38
0000 39 : HISTORY:
0000 40
0000 41 : AUTHOR:
0000 42 :   Debess Grabazs
0000 43
0000 44 : MODIFIED BY:
0000 45
0000 46 : 1-001 Original.      DG 31-Aug-1983
0000 47 : Design notes can be found on TURTLE::RTL$: [RTL.NOTE].
0000 48 :
```



STR\$AB\_MUL  
1-001

Multinational Character Set  
DECLARATIONS

H 6

16-SEP-1984 00:33:53  
6-SEP-1984 11:15:59

VAX/VMS Macro V04-00  
[LIBRTL.SRC]STRABMUL.MAR;1

Page 2  
(2)

```
0000 50      .SBTTL  DECLARATIONS
0000 51
0000 52 :
0000 53 : INCLUDE FILES:
0000 54 :
0000 55 :
0000 56 :
0000 57 : EXTERNAL SYMBOLS:
0000 58 :     NONE
0000 59 :
0000 60 :
0000 61 :
0000 62 : MACROS:
0000 63 :     NONE
0000 64 :
0000 65 :
0000 66 :
0000 67 : PSECT DECLARATIONS:
0000 68 :     .PSECT  _STR$CODE      PIC, SHR, LONG, EXE, NOWRT
0000 69 :
0000 70 :
0000 71 : EQUATED SYMBOLS:
0000 72 :     NONE
0000 73 :
0000 74 :
0000 75 :
0000 76 : OWN STORAGE:
0000 77 :     NONE
0000 78 :
```

```
0000 80 .SBTTL STR$AB_MULTI
0000 81
0000 82 :++
0000 83 : FUNCTIONAL DESCRIPTION:
0000 84 :
0000 85 : This is the Multinational Character Set based on DEC Std 169.
0000 86 :
0000 87 :--
0000 88
0000 89 STR$AB_MULTI::
07 06 05 04 03 02 01 00 0000 90 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
0F 0E 0D 0C 0B 0A 09 08 0008 91 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
17 16 15 14 13 12 11 10 0010 92 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
1F 1E 1D 1C 1B 1A 19 18 0018 93 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
27 26 25 24 23 22 21 20 0020 94 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
2F 2E 2D 2C 2B 2A 29 28 0028 95 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
37 36 35 34 33 32 31 30 0030 96 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
3F 3E 3D 3C 3B 3A 39 38 0038 97 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
64 62 58 54 50 4E 42 40 0040 98 .BYTE ^X40,^X42,^X4E,^X50,^X54,^X58,^X62,^X64 : 040-047
7E 7A 78 76 74 72 68 66 0048 99 .BYTE ^X66,^X68,^X72,^X74,^X76,^X78,^X7A,^X7E : 048-04F
A1 9F 95 93 91 8E 8C 8A 0050 100 .BYTE ^X8A,^X8C,^X8E,^X91,^X93,^X95,^X9F,^XA1 : 050-057
B4 B3 B2 B1 B0 A9 A5 A3 0058 101 .BYTE ^XA3,^XA5,^XA9,^XB0,^XB1,^XB2,^XB3,^XB4 : 058-05F
63 61 57 53 4F 4D 41 B5 0060 102 .BYTE ^XB5,^X41,^X4D,^X4F,^X53,^X57,^X61,^X63 : 060-067
7D 79 77 75 73 71 67 65 0068 103 .BYTE ^X65,^X67,^X71,^X73,^X75,^X77,^X79,^X7D : 068-06F
A0 9E 94 92 90 8D 8B 89 0070 104 .BYTE ^X89,^X8B,^X8D,^X90,^X92,^X94,^X9E,^XA0 : 070-077
BA B9 B8 B7 B6 A8 A4 A2 0078 105 .BYTE ^XA2,^XA4,^XA8,^XB6,^XB7,^XB8,^XB9,^XBA : 078-07F
C2 C1 C0 BF BE BD BC BB 0080 106 .BYTE ^XBB,^XBC,^XBD,^XBE,^XBF,^XC0,^XC1,^XC2 : 080-087
CA C9 C8 C7 C6 C5 C4 C3 0088 107 .BYTE ^XC3,^XC4,^XC5,^XC6,^XC7,^XC8,^XC9,^XCA : 088-08F
D2 D1 D0 CF CE CD CC CB 0090 108 .BYTE ^XCB,^XCC,^XCD,^XCE,^XCF,^XD0,^XD1,^XD2 : 090-097
DA D9 D8 D7 D6 D5 D4 D3 0098 109 .BYTE ^XD3,^XD4,^XD5,^XD6,^XD7,^XD8,^XD9,^XDA : 098-09F
E2 E1 E0 DF DE DD DC DB 00A0 110 .BYTE ^XDB,^XDC,^XDD,^XDE,^XDF,^XE0,^XE1,^XE2 : 0A0-0A7
EA E9 E8 E7 E6 E5 E4 E3 00A8 111 .BYTE ^XE3,^XE4,^XE5,^XE6,^XE7,^XE8,^XE9,^XEA : 0A8-0AF
F2 F1 F0 EF EE ED EC EB 00B0 112 .BYTE ^XEB,^XEC,^XED,^XEE,^XEF,^XF0,^XF1,^XF2 : 0B0-0B7
FA F9 F8 F7 F6 F5 F4 F3 00B8 113 .BYTE ^XF3,^XF4,^XF5,^XF6,^XF7,^XF8,^XF9,^XFA : 0B8-0BF
52 AB AF 4C 4A 48 46 44 00C0 114 .BYTE ^X44,^X46,^X48,^X4A,^X4C,^XAF,^XAB,^X52 : 0C0-0C7
70 6E 6C 6A 60 5E 5C 5A 00C8 115 .BYTE ^X5A,^X5C,^X5E,^X60,^X6A,^X6C,^X6E,^X70 : 0C8-0CF
FD 88 86 84 82 80 7C FB 00D0 116 .BYTE ^XFB,^X7C,^X80,^X82,^X84,^X86,^X88,^XFD : 0D0-0D7
FD FD A7 9D 9B 99 97 AD 00D8 117 .BYTE ^XAD,^X97,^X99,^X9B,^X9D,^XA7,^XFD,^XFD : 0D8-0DF
51 AA AE 4B 49 47 45 43 00E0 118 .BYTE ^X43,^X45,^X47,^X49,^X4B,^XAE,^XAA,^X51 : 0E0-0E7
6F 6D 6B 69 5F 5D 5B 59 00E8 119 .BYTE ^X59,^X5B,^X5D,^X5F,^X69,^X6B,^X6D,^X6F : 0E8-0EF
FD 87 85 83 81 7F 7B FD 00F0 120 .BYTE ^XFD,^X7B,^X7F,^X81,^X83,^X85,^X87,^XFD : 0F0-0F7
FF FD A6 9C 9A 98 96 AC 00F8 121 .BYTE ^XAC,^X96,^X98,^X9A,^X9C,^XA6,^XFD,^XFF : 0F8-0FF
0100 122
0100 123 :+
0100 124 : Special chars that are part of the DEC Multinat'l Char Set
0100 125 :--
0100 126
0100 127 STR$AB_MULTI SPEC_CHAR::
F7 D7 DF 0100 128 .BYTE ^XDF,^XD7,^XF7 : ss, OE, oe are
0103 129 : special chars
FE F0 DE 0103 130 .BYTE ^XDE,^XF0,^XFE
0106 131
0106 132 :+
0106 133 : Ordering values of the two-letter sequence that represent
0106 134 : the spec chars
0106 135 : Note the last three rows; these represent places in the
0106 136 : table that have the same value. They are distinguished by
```



STR\$AB\_MUL  
1-001

Multinational Character Set  
STR\$AB\_MULTI

J 6

16-SEP-1984 00:33:53  
6-SEP-1984 11:15:59

VAX/VMS Macro V04-00  
[LIBRTL.SRC]STRABMUL.MAR;1

Page 4  
(3)

```
0106 137 ; the second byte here.
0106 138 ; -
0106 139
0106 140 STR$AB_MULTI SPEC SEQ::
8F 90 0106 141 .BYTE ^X90,^X8F
56 7E 0108 142 .BYTE ^X7E,^X56
55 7D 010A 143 .BYTE ^X7D,^X55
01 FE 010C 144 .BYTE ^XFE,^X01
02 FE 010E 145 .BYTE ^XFE,^X02
03 FE 0110 146 .BYTE ^XFE,^X03
0112 147
```

```
; s, s
; 0, E
; 0, e
```

STR  
VAX  
The  
MAC

```
0112 149 .SBTTL STR$AB_MULTI_CLASS
0112 150
0112 151 :++
0112 152 : FUNCTIONAL DESCRIPTION:
0112 153 :
0112 154 : This is the Multinational Character Set based on DEC Std 169 -
0112 155 : it is set up by classes (for comparison without regard to
0112 156 : diacritical marks.
0112 157 :
0112 158 :--
0112 159
0112 160 STR$AB_MULTI_CLASS::
07 06 05 04 03 02 01 00 0112 161 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
0F 0E 0D 0C 0B 0A 09 08 011A 162 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
17 16 15 14 13 12 11 10 0122 163 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
1F 1E 1D 1C 1B 1A 19 18 012A 164 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
27 26 25 24 23 22 21 20 0132 165 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
2F 2E 2D 2C 2B 2A 29 28 013A 166 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
37 36 35 34 33 32 31 30 0142 167 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
3F 3E 3D 3C 3B 3A 39 38 014A 168 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
47 46 45 44 43 42 41 40 0152 169 .BYTE ^X40,^X41,^X42,^X43,^X44,^X45,^X46,^X47 : 040-047
50 4E 4D 4C 4B 4A 49 48 015A 170 .BYTE ^X48,^X49,^X4A,^X4B,^X4C,^X4D,^X4E,^X50 : 048-04F
58 57 56 55 54 53 52 51 0162 171 .BYTE ^X51,^X52,^X53,^X54,^X55,^X56,^X57,^X58 : 050-057
B4 B3 B2 B1 B0 5B 5A 59 016A 172 .BYTE ^X59,^X5A,^X5B,^X5C,^X5D,^X5E,^X5F,^X60 : 058-05F
47 46 45 44 43 42 41 B5 0172 173 .BYTE ^X61,^X62,^X63,^X64,^X65,^X66,^X67,^X68 : 060-067
50 4E 4D 4C 4B 4A 49 48 017A 174 .BYTE ^X69,^X70,^X71,^X72,^X73,^X74,^X75,^X76 : 068-06F
58 57 56 55 54 53 52 51 0182 175 .BYTE ^X77,^X78,^X79,^X80,^X81,^X82,^X83,^X84 : 070-077
BA B9 B8 B7 B6 5B 5A 59 018A 176 .BYTE ^X85,^X86,^X87,^X88,^X89,^X90,^X91,^X92 : 078-07F
C2 C1 C0 BF BE BD BC BB 0192 177 .BYTE ^X93,^X94,^X95,^X96,^X97,^X98,^X99,^XA0 : 080-087
CA C9 C8 C7 C6 C5 C4 C3 019A 178 .BYTE ^XA1,^XA2,^XA3,^XA4,^XA5,^XA6,^XA7,^XA8 : 088-08F
D2 D1 D0 CF CE CD CC CB 01A2 179 .BYTE ^XA9,^XAA,^XAB,^XAC,^XAD,^XAE,^XAF,^XB0 : 090-097
DA D9 D8 D7 D6 D5 D4 D3 01AA 180 .BYTE ^XB1,^XB2,^XB3,^XB4,^XB5,^XB6,^XB7,^XB8 : 098-09F
E2 E1 E0 DF DE DD DC DB 01B2 181 .BYTE ^XB9,^XBA,^XBB,^XBC,^XBD,^XBE,^XBF,^XC0 : 0A0-0A7
EA E9 E8 E7 E6 E5 E4 E3 01BA 182 .BYTE ^XC1,^XC2,^XC3,^XC4,^XC5,^XC6,^XC7,^XC8 : 0A8-0AF
F2 F1 F0 EF EE ED EC EB 01C2 183 .BYTE ^XC9,^XCA,^XCB,^XCC,^XCD,^XCE,^XCF,^XD0 : 0B0-0B7
FA F9 F8 F7 F6 F5 F4 F3 01CA 184 .BYTE ^XD1,^XD2,^XD3,^XD4,^XD5,^XD6,^XD7,^XD8 : 0B8-0BF
43 5C 5E 41 41 41 41 41 01D2 185 .BYTE ^XD9,^XDA,^XDB,^XDC,^XDD,^XDE,^XDF,^XE0 : 0C0-0C7
49 49 49 49 45 45 45 45 01DA 186 .BYTE ^XE1,^XE2,^XE3,^XE4,^XE5,^XE6,^XE7,^XE8 : 0C8-0CF
FD 50 50 50 50 50 4F FB 01E2 187 .BYTE ^XE9,^XEA,^XEB,^XEC,^XED,^XEE,^XEF,^XF0 : 0D0-0D7
FD FD 5A 56 56 56 56 5D 01EA 188 .BYTE ^XF1,^XF2,^XF3,^XF4,^XF5,^XF6,^XF7,^XF8 : 0D8-0DF
43 5C 5E 41 41 41 41 41 01F2 189 .BYTE ^XF9,^XFA,^XFB,^XFC,^XFD,^XFE,^XFF,^X00 : 0E0-0E7
49 49 49 49 45 45 45 45 01FA 190 .BYTE ^X01,^X02,^X03,^X04,^X05,^X06,^X07,^X08 : 0E8-0EF
FD 50 50 50 50 50 4F FD 0202 191 .BYTE ^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F,^X10 : 0F0-0F7
FF FD 5A 56 56 56 56 5D 020A 192 .BYTE ^X11,^X12,^X13,^X14,^X15,^X16,^X17,^X18 : 0F8-0FF
0212 193
0212 194 STR$AB_MULTI_CLASS SPEC SEQ::
54 54 0212 195 .BYTE ^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F,^X20 : s, s
45 50 0214 196 .BYTE ^X21,^X22,^X23,^X24,^X25,^X26,^X27,^X28 : o, e
45 50 0216 197 .BYTE ^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F,^X30 : o, e
01 FE 0218 198 .BYTE ^X31,^X32,^X33,^X34,^X35,^X36,^X37,^X38 :
02 FE 021A 199 .BYTE ^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F,^X40 :
03 FE 021C 200 .BYTE ^X41,^X42,^X43,^X44,^X45,^X46,^X47,^X48 :
021E 201
```



```
021E 203 .SBTTL STR$AB_DAN_NOR
021E 204
021E 205 :++
021E 206 : FUNCTIONAL DESCRIPTION:
021E 207 :
021E 208 : This is the Danish/Norwegian Character Set.
021E 209 :
021E 210 :--
021E 211
021E 212 STR$AB_DAN_NOR::
021E 213 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
022E 214 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
022E 215 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
023E 216 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
023E 217 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
024E 218 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
024E 219 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
025E 220 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
025E 221 .BYTE ^X40,^X42,^X4E,^X50,^X54,^X58,^X62,^X64 : 040-047
026E 222 .BYTE ^X66,^X68,^X72,^X74,^X76,^X78,^X7A,^X7E : 048-04F
026E 223 .BYTE ^X8A,^X8C,^X8E,^X91,^X93,^X95,^X9F,^XA1 : 050-057
027E 224 .BYTE ^XA3,^XA5,^XA9,^XB0,^XB1,^XB2,^XB3,^XB4 : 058-05F
027E 225 .BYTE ^XB5,^X41,^X4D,^X4F,^X53,^X57,^X61,^X63 : 060-067
028E 226 .BYTE ^X65,^X67,^X71,^X73,^X75,^X77,^X79,^X7D : 068-06F
028E 227 .BYTE ^X89,^X8B,^X8D,^X90,^X92,^X94,^X9E,^XA0 : 070-077
029E 228 .BYTE ^XA2,^XA4,^XA8,^XB6,^XB7,^XB8,^XB9,^XBA : 078-07F
029E 229 .BYTE ^XBB,^XBC,^XBD,^XBE,^XBF,^XC0,^XC1,^XC2 : 080-087
02AE 230 .BYTE ^XC3,^XC4,^XC5,^XC6,^XC7,^XC8,^XC9,^XCA : 088-08F
02AE 231 .BYTE ^XCB,^XCC,^XCD,^XCE,^XCF,^XD0,^XD1,^XD2 : 090-097
02BE 232 .BYTE ^XD3,^XD4,^XD5,^XD6,^XD7,^XD8,^XD9,^XDA : 098-09F
02BE 233 .BYTE ^XDB,^XDC,^XDD,^XDE,^XDF,^XE0,^XE1,^XE2 : 0A0-0A7
02CE 234 .BYTE ^XE3,^XE4,^XE5,^XE6,^XE7,^XE8,^XE9,^XEA : 0A8-0AF
02CE 235 .BYTE ^XEB,^XEC,^XED,^XEE,^XEF,^XF0,^XF1,^XF2 : 0B0-0B7
02DE 236 .BYTE ^XF3,^XF4,^XF5,^XF6,^XF7,^XF8,^XF9,^XFA : 0B8-0BF
02DE 237 .BYTE ^X44,^X46,^X48,^X4A,^XAB,^XAF,^XAB,^X52 : 0C0-0C7
02E6 238 .BYTE ^X5A,^X5C,^X5E,^X60,^X6A,^X6C,^X6E,^X70 : 0C8-0CF
02EE 239 .BYTE ^XFB,^X7C,^X80,^X82,^X84,^X86,^XAD,^XFD : 0D0-0D7
02F6 240 .BYTE ^XAD,^X97,^X99,^X9B,^XA5,^XA7,^XFD,^XFD : 0D8-0DF
02FE 241 .BYTE ^X43,^X45,^X47,^X49,^XAA,^XAE,^XAA,^X51 : 0E0-0E7
030E 242 .BYTE ^X59,^X5B,^X5D,^X5F,^X69,^X6B,^X6D,^X6F : 0E8-0EF
030E 243 .BYTE ^XFD,^X7B,^X7F,^X81,^X83,^X85,^XAC,^XFD : 0F0-0F7
031E 244 .BYTE ^XAC,^X96,^X98,^X9A,^XA4,^XA6,^XFD,^XFF : 0F8-0FF
031E 245
```

```
031E 247 .SBTTL STR$AB_DAN_NOR_CLASS
031E 248
031E 249 ;++
031E 250 ; FUNCTIONAL DESCRIPTION:
031E 251 ;
031E 252 ; This is the Danish/Norwegian Character Set -
031E 253 ; it is set up by classes (for comparison without regard to
031E 254 ; diacritical marks.
031E 255 ;
031E 256 ;--
031E 257
031E 258 STR$AB_DAN_NOR_CLASS::
031E 259 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
0326 260 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
032E 261 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
0336 262 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
033E 263 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
0346 264 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
034E 265 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
0356 266 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
035E 267 .BYTE ^X40,^X41,^X42,^X43,^X44,^X45,^X46,^X47 : 040-047
0366 268 .BYTE ^X48,^X49,^X4A,^X4B,^X4C,^X4D,^X4E,^X50 : 048-04F
036E 269 .BYTE ^X51,^X52,^X53,^X54,^X55,^X56,^X57,^X58 : 050-057
0376 270 .BYTE ^X59,^X5A,^X5B,^X5C,^X5D,^X5E,^X5F,^X60 : 058-05F
037E 271 .BYTE ^X61,^X62,^X63,^X64,^X65,^X66,^X67,^X68 : 060-067
0386 272 .BYTE ^X69,^X6A,^X6B,^X6C,^X6D,^X6E,^X6F,^X70 : 068-06F
038E 273 .BYTE ^X71,^X72,^X73,^X74,^X75,^X76,^X77,^X78 : 070-077
0396 274 .BYTE ^X79,^X7A,^X7B,^X7C,^X7D,^X7E,^X7F,^X80 : 078-07F
039E 275 .BYTE ^X81,^X82,^X83,^X84,^X85,^X86,^X87,^X88 : 080-087
03A6 276 .BYTE ^X89,^X8A,^X8B,^X8C,^X8D,^X8E,^X8F,^X90 : 088-08F
03AE 277 .BYTE ^X91,^X92,^X93,^X94,^X95,^X96,^X97,^X98 : 090-097
03B6 278 .BYTE ^X99,^XA0,^XA1,^XA2,^XA3,^XA4,^XA5,^XA6 : 098-09F
03BE 279 .BYTE ^XA7,^XA8,^XA9,^XAA,^XAB,^XAC,^XAD,^XAE : 0A0-0A7
03C6 280 .BYTE ^XAF,^XB0,^XB1,^XB2,^XB3,^XB4,^XB5,^XB6 : 0A8-0AF
03CE 281 .BYTE ^XB7,^XB8,^XB9,^XBA,^XBB,^XBC,^XBD,^XBE : 0B0-0B7
03D6 282 .BYTE ^XBF,^XC0,^XC1,^XC2,^XC3,^XC4,^XC5,^XC6 : 0B8-0BF
03DE 283 .BYTE ^XC7,^XC8,^XC9,^XCA,^XCB,^XCC,^XCD,^XCE : 0C0-0C7
03E6 284 .BYTE ^XCF,^XD0,^XD1,^XD2,^XD3,^XD4,^XD5,^XD6 : 0C8-0CF
03EE 285 .BYTE ^XD7,^XD8,^XD9,^XDA,^XDB,^XDC,^XDD,^XDE : 0D0-0D7
03F6 286 .BYTE ^XDF,^XEO,^XE1,^XE2,^XE3,^XE4,^XE5,^XE6 : 0D8-0DF
03FE 287 .BYTE ^XE7,^XE8,^XE9,^XEA,^XEB,^XEC,^XED,^XEE : 0E0-0E7
0406 288 .BYTE ^XEF,^XF0,^XF1,^XF2,^XF3,^XF4,^XF5,^XF6 : 0E8-0EF
040E 289 .BYTE ^XF7,^XF8,^XF9,^XFA,^XFB,^XFC,^XFD,^XFE : 0F0-0F7
0416 290 .BYTE ^XFF,^X00,^X01,^X02,^X03,^X04,^X05,^X06 : 0F8-0FF
041E 291
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041E 293 .SBTTL STR$AB_FIN_SWED
041E 294
041E 295 :++
041E 296 : FUNCTIONAL DESCRIPTION:
041E 297 :
041E 298 : This is the Finnish/Swedish Character Set.
041E 299 :
041E 300 :--
041E 301
041E 302 STR$AB_FIN_SWED::
07 06 05 04 03 02 01 00 041E 303 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
0F 0E 0D 0C 0B 0A 09 08 042E 304 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
17 16 15 14 13 12 11 10 042E 305 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
1F 1E 1D 1C 1B 1A 19 18 043E 306 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
27 26 25 24 23 22 21 20 043E 307 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
2F 2E 2D 2C 2B 2A 29 28 044E 308 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
37 36 35 34 33 32 31 30 044E 309 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
3F 3E 3D 3C 3B 3A 39 38 045E 310 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
64 62 58 54 50 4E 42 40 045E 311 .BYTE ^X40,^X42,^X4E,^X50,^X54,^X58,^X62,^X64 : 040-047
7E 7A 78 76 74 72 68 66 046E 312 .BYTE ^X66,^X68,^X72,^X74,^X76,^X78,^X7A,^X7E : 048-04F
A1 9F 95 93 91 8E 8C 8A 046E 313 .BYTE ^X8A,^X8C,^X8E,^X91,^X93,^X95,^X9F,^XA1 : 050-057
B4 B3 B2 B1 B0 A9 A5 A3 047E 314 .BYTE ^XA3,^XA5,^XA9,^XB0,^XB1,^XB2,^XB3,^XB4 : 058-05F
63 61 57 53 4F 4D 41 B5 047E 315 .BYTE ^XB5,^X41,^X4D,^X4F,^X53,^X57,^X61,^X63 : 060-067
7D 79 77 75 73 71 67 65 048E 316 .BYTE ^X65,^X67,^X71,^X73,^X75,^X77,^X79,^X7D : 068-06F
A0 9E 94 92 90 8D 8B 89 048E 317 .BYTE ^X89,^X8B,^X8D,^X90,^X92,^X94,^X9E,^XA0 : 070-077
BA B9 B8 B7 B6 A8 A4 A2 049E 318 .BYTE ^XA2,^XA4,^XA8,^XB6,^XB7,^XB8,^XB9,^XBA : 078-07F
C2 C1 C0 BF BE BD BC BB 049E 319 .BYTE ^XBB,^XBC,^XBD,^XBE,^XBF,^XC0,^XC1,^XC2 : 080-087
CA C9 C8 C7 C6 C5 C4 C3 04A6 320 .BYTE ^XC3,^XC4,^XC5,^XC6,^XC7,^XC8,^XC9,^XCA : 088-08F
D2 D1 D0 CF CE CD CC CB 04AE 321 .BYTE ^XCB,^XCC,^XCD,^XCE,^XCF,^XD0,^XD1,^XD2 : 090-097
DA D9 D8 D7 D6 D5 D4 D3 04B6 322 .BYTE ^XD3,^XD4,^XD5,^XD6,^XD7,^XD8,^XD9,^XDA : 098-09F
E2 E1 E0 DF DE DD DC DB 04BE 323 .BYTE ^XDB,^XDC,^XDD,^XDE,^XDF,^XE0,^XE1,^XE2 : 0A0-0A7
EA E9 E8 E7 E6 E5 E4 E3 04C6 324 .BYTE ^XE3,^XE4,^XE5,^XE6,^XE7,^XE8,^XE9,^XEA : 0A8-0AF
F2 F1 F0 EF EE ED EC EB 04CE 325 .BYTE ^XEB,^XEC,^XED,^XEE,^XEF,^XF0,^XF1,^XF2 : 0B0-0B7
FA F9 F8 F7 F6 F5 F4 F3 04D6 326 .BYTE ^XF3,^XF4,^XF5,^XF6,^XF7,^XF8,^XF9,^XFA : 0B8-0BF
52 FD AB AD 4A 48 46 44 04DE 327 .BYTE ^X44,^X46,^X48,^X4A,^XAD,^XAB,^XFD,^X52 : 0C0-0C7
70 6E 6C 6A 60 5E 5C 5A 04E6 328 .BYTE ^X5A,^X5C,^X5E,^X60,^X6A,^X6C,^X6E,^X70 : 0C8-0CF
FD AF 86 84 82 80 7C FB 04EE 329 .BYTE ^XFB,^X7C,^X80,^X82,^X84,^X86,^XAF,^XFD : 0D0-0D7
FD FD A7 A5 9B 99 97 AF 04F6 330 .BYTE ^XAF,^X97,^X99,^X9B,^XA5,^XA7,^XFD,^XFD : 0D8-0DF
51 FD AA AC 49 47 45 43 04FE 331 .BYTE ^X43,^X45,^X47,^X49,^XAC,^XAA,^XFD,^X51 : 0E0-0E7
6F 6D 6B 69 5F 5D 5B 59 0506 332 .BYTE ^X59,^X5B,^X5D,^X5F,^X69,^X6B,^X6D,^X6F : 0E8-0EF
FD AE 85 83 81 7F 7B FD 050E 333 .BYTE ^XFD,^X7B,^X7F,^X81,^X83,^X85,^XAE,^XFD : 0F0-0F7
FF FD A6 A4 9A 98 96 AE 0516 334 .BYTE ^XAE,^X96,^X98,^X9A,^XA4,^XA6,^XFD,^XFF : 0F8-0FF
051E 335
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051E 337 .SBTTL STR$AB_FIN_SWED_CLASS
051E 338
051E 339 :++
051E 340 : FUNCTIONAL DESCRIPTION:
051E 341 :
051E 342 : This is the Finnish/Swedish Character Set -
051E 343 : it is set up by classes (for comparison without regard to
051E 344 : diacritical marks.
051E 345 :
051E 346 :--
051E 347
051E 348 STR$AB_FIN_SWED_CLASS::
051E 349 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
0526 350 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
052E 351 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
0536 352 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
053E 353 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
0546 354 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
054E 355 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
0556 356 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
055E 357 .BYTE ^X40,^X41,^X42,^X43,^X44,^X45,^X46,^X47 : 040-047
0566 358 .BYTE ^X48,^X49,^X4A,^X4B,^X4C,^X4D,^X4E,^X50 : 048-04F
056E 359 .BYTE ^X51,^X52,^X53,^X54,^X55,^X56,^X57,^X58 : 050-057
0576 360 .BYTE ^X59,^X5A,^X5B,^X5C,^X5D,^X5E,^X5F,^X60 : 058-05F
057E 361 .BYTE ^X61,^X62,^X63,^X64,^X65,^X66,^X67,^X68 : 060-067
0586 362 .BYTE ^X69,^X6A,^X6B,^X6C,^X6D,^X6E,^X6F,^X70 : 068-06F
058E 363 .BYTE ^X71,^X72,^X73,^X74,^X75,^X76,^X77,^X78 : 070-077
0596 364 .BYTE ^X79,^X7A,^X7B,^X7C,^X7D,^X7E,^X7F,^X80 : 078-07F
059E 365 .BYTE ^X81,^X82,^X83,^X84,^X85,^X86,^X87,^X88 : 080-087
05A6 366 .BYTE ^X89,^X8A,^X8B,^X8C,^X8D,^X8E,^X8F,^X90 : 088-08F
05AE 367 .BYTE ^X91,^X92,^X93,^X94,^X95,^X96,^X97,^X98 : 090-097
05B6 368 .BYTE ^X99,^XA0,^XA1,^XA2,^XA3,^XA4,^XA5,^XA6 : 098-09F
05BE 369 .BYTE ^XA7,^XA8,^XA9,^XAA,^XAB,^XAC,^XAD,^XAE : 0A0-0A7
05C6 370 .BYTE ^XAF,^XB0,^XB1,^XB2,^XB3,^XB4,^XB5,^XB6 : 0A8-0AF
05CE 371 .BYTE ^XB7,^XB8,^XB9,^XBA,^XBB,^XBC,^XBD,^XBE : 0B0-0B7
05D6 372 .BYTE ^XBF,^XC0,^XC1,^XC2,^XC3,^XC4,^XC5,^XC6 : 0B8-0BF
05DE 373 .BYTE ^XC7,^XC8,^XC9,^XCA,^XCB,^XCC,^XCD,^XCE : 0C0-0C7
05E6 374 .BYTE ^XCF,^XD0,^XD1,^XD2,^XD3,^XD4,^XD5,^XD6 : 0C8-0CF
05EE 375 .BYTE ^XD7,^XD8,^XD9,^XDA,^XDB,^XDC,^XDD,^XDE : 0D0-0D7
05F6 376 .BYTE ^XDF,^XEO,^XE1,^XE2,^XE3,^XE4,^XE5,^XE6 : 0D8-0DF
05FE 377 .BYTE ^XE7,^XE8,^XE9,^XEA,^XEB,^XEC,^XED,^XEE : 0E0-0E7
0606 378 .BYTE ^XEF,^XF0,^XF1,^XF2,^XF3,^XF4,^XF5,^XF6 : 0E8-0EF
060E 379 .BYTE ^XF7,^XF8,^XF9,^XFA,^XFB,^XFC,^XFD,^XFE : 0F0-0F7
0616 380 .BYTE ^XFF,^X00,^X01,^X02,^X03,^X04,^X05,^X06 : 0F8-0FF
061E 381
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061E 383 .SBTTL STR$AB_GERMAN
061E 384
061E 385 :++
061E 386 : FUNCTIONAL DESCRIPTION:
061E 387 :
061E 388 : This is the German Character Set.
061E 389 :
061E 390 :--
061E 391
061E 392 STR$AB_GERMAN::
061E 393 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
062E 394 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
062E 395 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
063E 396 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
063E 397 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
064E 398 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
064E 399 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
065E 400 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
065E 401 .BYTE ^X40,^X42,^X4E,^X50,^X54,^X58,^X62,^X64 : 040-047
066E 402 .BYTE ^X66,^X68,^X72,^X74,^X76,^X78,^X7A,^X7E : 048-04F
066E 403 .BYTE ^X8A,^X8C,^X8E,^X91,^X93,^X95,^X9F,^XA1 : 050-057
067E 404 .BYTE ^XA3,^XA5,^XA9,^XB0,^XB1,^XB2,^XB3,^XB4 : 058-05F
067E 405 .BYTE ^XB5,^X41,^X4D,^X4F,^X53,^X57,^X61,^X63 : 060-067
068E 406 .BYTE ^X65,^X67,^X71,^X73,^X75,^X77,^X79,^X7D : 068-06F
068E 407 .BYTE ^X89,^X8B,^X8D,^X90,^X92,^X94,^X9E,^XA0 : 070-077
069E 408 .BYTE ^XA2,^XA4,^XA8,^XB6,^XB7,^XB8,^XB9,^XBA : 078-07F
069E 409 .BYTE ^XBB,^XBC,^XBD,^XBE,^XBF,^XC0,^XC1,^XC2 : 080-087
06A6 410 .BYTE ^XC3,^XC4,^XC5,^XC6,^XC7,^XC8,^XC9,^XCA : 088-08F
06AE 411 .BYTE ^XCB,^XCC,^XCD,^XCE,^XCF,^XD0,^XD1,^XD2 : 090-097
06B6 412 .BYTE ^XD3,^XD4,^XD5,^XD6,^XD7,^XD8,^XD9,^XDA : 098-09F
06BE 413 .BYTE ^XDB,^XDC,^XDD,^XDE,^XDF,^XE0,^XE1,^XE2 : 0A0-0A7
06C6 414 .BYTE ^XE3,^XE4,^XE5,^XE6,^XE7,^XE8,^XE9,^XEA : 0A8-0AF
06CE 415 .BYTE ^XEB,^XEC,^XED,^XEE,^XEF,^XF0,^XF1,^XF2 : 0B0-0B7
06D6 416 .BYTE ^XF3,^XF4,^XF5,^XF6,^XF7,^XF8,^XF9,^XFA : 0B8-0BF
06DE 417 .BYTE ^X44,^X46,^X48,^X4A,^X4C,^XAF,^XAB,^X52 : 0C0-0C7
06E6 418 .BYTE ^X5A,^X5C,^X5E,^X60,^X6A,^X6C,^X6E,^X70 : 0C8-0CF
06EE 419 .BYTE ^XFB,^X7C,^X80,^X82,^X84,^X86,^X88,^XFD : 0D0-0D7
06F6 420 .BYTE ^XAD,^X97,^X99,^X9B,^X9D,^XA7,^XFD,^XFD : 0D8-0DF
06FE 421 .BYTE ^X43,^X45,^X47,^X49,^X4B,^XAE,^XAA,^X51 : 0E0-0E7
070E 422 .BYTE ^X59,^X5B,^X5D,^X5F,^X69,^X6B,^X6D,^X6F : 0E8-0EF
070E 423 .BYTE ^XFD,^X7B,^X7F,^X81,^X83,^X85,^X87,^XFD : 0F0-0F7
071E 424 .BYTE ^XAC,^X96,^X98,^X9A,^X9C,^XA6,^XFD,^XFF : 0F8-0FF
071E 425
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071E 427 .SBTTL STR$AB_GERMAN_CLASS
071E 428
071E 429 :++
071E 430 : FUNCTIONAL DESCRIPTION:
071E 431 :
071E 432 : This is the German Character Set -
071E 433 : it is set up by classes (for comparison without regard to
071E 434 : diacritical marks.
071E 435 :
071E 436 :--
071E 437
071E 438 STR$AB_GERMAN_CLASS::
071E 439 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
0726 440 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
072E 441 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
0736 442 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
073E 443 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
0746 444 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
074E 445 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
0756 446 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
075E 447 .BYTE ^X40,^X41,^X42,^X43,^X44,^X45,^X46,^X47 : 040-047
0766 448 .BYTE ^X48,^X49,^X4A,^X4B,^X4C,^X4D,^X4E,^X50 : 048-04F
076E 449 .BYTE ^X51,^X52,^X53,^X54,^X55,^X56,^X57,^X58 : 050-057
0776 450 .BYTE ^X59,^X5A,^X5B,^X5C,^X5D,^X5E,^X5F,^X60 : 058-05F
077E 451 .BYTE ^X61,^X62,^X63,^X64,^X65,^X66,^X67,^X68 : 060-067
0786 452 .BYTE ^X69,^X6A,^X6B,^X6C,^X6D,^X6E,^X6F,^X70 : 068-06F
078E 453 .BYTE ^X71,^X72,^X73,^X74,^X75,^X76,^X77,^X78 : 070-077
0796 454 .BYTE ^X79,^X7A,^X7B,^X7C,^X7D,^X7E,^X7F,^X80 : 078-07F
079E 455 .BYTE ^X81,^X82,^X83,^X84,^X85,^X86,^X87,^X88 : 080-087
07A6 456 .BYTE ^X89,^X8A,^X8B,^X8C,^X8D,^X8E,^X8F,^X90 : 088-08F
07AE 457 .BYTE ^X91,^X92,^X93,^X94,^X95,^X96,^X97,^X98 : 090-097
07B6 458 .BYTE ^X99,^XA0,^XA1,^XA2,^XA3,^XA4,^XA5,^XA6 : 098-09F
07BE 459 .BYTE ^XA7,^XA8,^XA9,^XAA,^XAB,^XAC,^XAD,^XAE : 0A0-0A7
07C6 460 .BYTE ^XAF,^XB0,^XB1,^XB2,^XB3,^XB4,^XB5,^XB6 : 0A8-0AF
07CE 461 .BYTE ^XB7,^XB8,^XB9,^XBA,^XBB,^XBC,^XBD,^XBE : 0B0-0B7
07D6 462 .BYTE ^XBF,^XC0,^XC1,^XC2,^XC3,^XC4,^XC5,^XC6 : 0B8-0BF
07DE 463 .BYTE ^XC7,^XC8,^XC9,^XCA,^XCB,^XCC,^XCD,^XCE : 0C0-0C7
07E6 464 .BYTE ^XCF,^XD0,^XD1,^XD2,^XD3,^XD4,^XD5,^XD6 : 0C8-0CF
07EE 465 .BYTE ^XD7,^XD8,^XD9,^XDA,^XDB,^XDC,^XDD,^XDE : 0D0-0D7
07F6 466 .BYTE ^XDF,^XEA,^XEB,^XEC,^XED,^XEE,^XEF,^XFO : 0D8-0DF
07FE 467 .BYTE ^XF1,^XF2,^XF3,^XF4,^XF5,^XF6,^XF7,^XF8 : 0E0-0E7
0806 468 .BYTE ^XF9,^XFA,^XFB,^XFC,^XFD,^XFE,^XFF,^X00 : 0E8-0EF
080E 469 .BYTE ^X01,^X02,^X03,^X04,^X05,^X06,^X07,^X08 : 0F0-0F7
0816 470 .BYTE ^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F,^X10 : 0F8-0FF
081E 471
```



```
081E 473 .SBTTL STR$AB_SPANISH
081E 474
081E 475 :++
081E 476 : FUNCTIONAL DESCRIPTION:
081E 477 :
081E 478 : This is the Spanish Character Set.
081E 479 :
081E 480 :--
081E 481
081E 482 STR$AB_SPANISH::
081E 483 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
082E 484 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
082E 485 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
083E 486 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
083E 487 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
084E 488 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
084E 489 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
085E 490 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
085E 491 .BYTE ^X40,^X42,^X4E,^XFC,^X54,^X58,^X62,^X64 : 040-047
086E 492 .BYTE ^X66,^X68,^X72,^X74,^XFC,^X78,^X7A,^X7E : 048-04F
086E 493 .BYTE ^X8A,^X8C,^X8E,^X91,^X93,^X95,^X9F,^XA1 : 050-057
087E 494 .BYTE ^XA3,^XA5,^XA9,^XB0,^XB1,^XB2,^XB3,^XB4 : 058-05F
087E 495 .BYTE ^XB5,^X41,^X4D,^XFC,^X53,^X57,^X61,^X63 : 060-067
088E 496 .BYTE ^X65,^X67,^X71,^X73,^XFC,^X77,^X79,^X7D : 068-06F
088E 497 .BYTE ^X89,^X8B,^X8D,^X90,^X92,^X94,^X9E,^XA0 : 070-077
089E 498 .BYTE ^XA2,^XA4,^XA8,^XB6,^XB7,^XB8,^XB9,^XBA : 078-07F
089E 499 .BYTE ^XBB,^XBC,^XBD,^XBE,^XBF,^XC0,^XC1,^XC2 : 080-087
08A6 500 .BYTE ^XC3,^XC4,^XC5,^XC6,^XC7,^XC8,^XC9,^XCA : 088-08F
08AE 501 .BYTE ^XCB,^XCC,^XCD,^XCE,^XCF,^XDO,^XD1,^XD2 : 090-097
08B6 502 .BYTE ^XD3,^XD4,^XD5,^XD6,^XD7,^XD8,^XD9,^XDA : 098-09F
08BE 503 .BYTE ^XDB,^XDC,^XDD,^XDE,^XDF,^XE0,^XE1,^XE2 : 0A0-0A7
08C6 504 .BYTE ^XE3,^XE4,^XE5,^XE6,^XE7,^XE8,^XE9,^XEA : 0A8-0AF
08CE 505 .BYTE ^XEB,^XEC,^XED,^XEE,^XEF,^XF0,^XF1,^XF2 : 0B0-0B7
08D6 506 .BYTE ^XF3,^XF4,^XF5,^XF6,^XF7,^XF8,^XF9,^XFA : 0B8-0BF
08DE 507 .BYTE ^X42,^X42,^X42,^X42,^X42,^XAF,^XAB,^X50 : 0C0-0C7
08E6 508 .BYTE ^X58,^X58,^X58,^X58,^X68,^X68,^X68,^X68 : 0C8-0CF
08EE 509 .BYTE ^XFB,^X7C,^X7E,^X7E,^X7E,^X7E,^X7E,^XFD : 0D0-0D7
08F6 510 .BYTE ^XAD,^X95,^X95,^X95,^X95,^XA5,^XFE,^XFD : 0D8-0DF
08FE 511 .BYTE ^X41,^X41,^X41,^X41,^X41,^XAE,^XAA,^X4F : 0E0-0E7
0906 512 .BYTE ^X57,^X57,^X57,^X57,^X57,^X67,^X67,^X67 : 0E8-0EF
090E 513 .BYTE ^XFE,^X7B,^X7D,^X7D,^X7D,^X7D,^X7D,^XFD : 0F0-0F7
0916 514 .BYTE ^XAC,^X94,^X94,^X94,^X94,^XA4,^XFE,^XFF : 0F8-0FF
091E 515
091E 516 :+
091E 517 : Ordering values of the special pairs of the Spanish char set
091E 518 :-
091E 519
091E 520 STR$AB_SPANISH_SPEC_PAIR::
091E 521 .BYTE ^A/C/,^X50,^A/H/,^XAA : CH
0922 522 .BYTE ^A/C/,^X50,^A/h/,^XAA : Ch
0926 523 .BYTE ^A/c/,^X4F,^A/H/,^XAA : cH
092A 524 .BYTE ^A/c/,^X4F,^A/h/,^XAA : ch
092E 525 .BYTE ^A/L/,^X76,^A/L/,^XAA : LL
0932 526 .BYTE ^A/L/,^X76,^A/L/,^XAA : LL
0936 527 .BYTE ^A/L/,^X75,^A/L/,^XAA : LL
093A 528 .BYTE ^A/L/,^X75,^A/L/,^XAA : LL
093E 529
```

STR\$AB\_MUL  
1-001

Multinational Character Set  
STR\$AB\_SPANISH

093E 530 ;

F 7

16-SEP-1984 00:33:53  
6-SEP-1984 11:15:59

VAX/VMS Macro V04-00  
[LIBRTL.SRC]STRABMUL.MAR;1

Page 13  
(11)

STR  
1-0



```
093E 532 .SBTTL STR$AB_SPANISH_CLASS
093E 533
093E 534 :++
093E 535 : FUNCTIONAL DESCRIPTION:
093E 536 :
093E 537 : This is the Spanish Character Set -
093E 538 : it is set up by classes (for comparison without regard to
093E 539 : diacritical marks.
093E 540 :
093E 541 :--
093E 542
093E 543 STR$AB_SPANISH_CLASS::
093E 544 .BYTE ^X00,^X01,^X02,^X03,^X04,^X05,^X06,^X07 : 000-007
0946 545 .BYTE ^X08,^X09,^X0A,^X0B,^X0C,^X0D,^X0E,^X0F : 008-00F
094E 546 .BYTE ^X10,^X11,^X12,^X13,^X14,^X15,^X16,^X17 : 010-017
0956 547 .BYTE ^X18,^X19,^X1A,^X1B,^X1C,^X1D,^X1E,^X1F : 018-01F
095E 548 .BYTE ^X20,^X21,^X22,^X23,^X24,^X25,^X26,^X27 : 020-027
0966 549 .BYTE ^X28,^X29,^X2A,^X2B,^X2C,^X2D,^X2E,^X2F : 028-02F
096E 550 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : 030-037
0976 551 .BYTE ^X38,^X39,^X3A,^X3B,^X3C,^X3D,^X3E,^X3F : 038-03F
097E 552 .BYTE ^X40,^X41,^X42,^X43,^X44,^X45,^X46,^X47 : 040-047
0986 553 .BYTE ^X48,^X49,^X4A,^X4B,^X4C,^X4D,^X4E,^X4F : 048-04F
098E 554 .BYTE ^X50,^X51,^X52,^X53,^X54,^X55,^X56,^X57 : 050-057
0996 555 .BYTE ^X58,^X59,^X5A,^X5B,^X5C,^X5D,^X5E,^X5F : 058-05F
099E 556 .BYTE ^X60,^X61,^X62,^X63,^X64,^X65,^X66,^X67 : 060-067
09A6 557 .BYTE ^X68,^X69,^X6A,^X6B,^X6C,^X6D,^X6E,^X6F : 068-06F
09AE 558 .BYTE ^X70,^X71,^X72,^X73,^X74,^X75,^X76,^X77 : 070-077
09B6 559 .BYTE ^X78,^X79,^X7A,^X7B,^X7C,^X7D,^X7E,^X7F : 078-07F
09BE 560 .BYTE ^X80,^X81,^X82,^X83,^X84,^X85,^X86,^X87 : 080-087
09C6 561 .BYTE ^X88,^X89,^X8A,^X8B,^X8C,^X8D,^X8E,^X8F : 088-08F
09CE 562 .BYTE ^X90,^X91,^X92,^X93,^X94,^X95,^X96,^X97 : 090-097
09D6 563 .BYTE ^X98,^X99,^X9A,^X9B,^X9C,^X9D,^X9E,^X9F : 098-09F
09DE 564 .BYTE ^XA0,^XA1,^XA2,^XA3,^XA4,^XA5,^XA6,^XA7 : 0A0-0A7
09E6 565 .BYTE ^XA8,^XA9,^XAA,^XAB,^XAC,^XAD,^XAE,^XAF : 0A8-0AF
09EE 566 .BYTE ^XB0,^XB1,^XB2,^XB3,^XB4,^XB5,^XB6,^XB7 : 0B0-0B7
09F6 567 .BYTE ^XB8,^XB9,^XBA,^XBB,^XBC,^XBD,^XBE,^XBF : 0B8-0BF
09FE 568 .BYTE ^XC0,^XC1,^XC2,^XC3,^XC4,^XC5,^XC6,^XC7 : 0C0-0C7
0A06 569 .BYTE ^XC8,^XC9,^XCA,^XCB,^XCC,^XCD,^XCE,^XCF : 0C8-0CF
0A0E 570 .BYTE ^XD0,^XD1,^XD2,^XD3,^XD4,^XD5,^XD6,^XD7 : 0D0-0D7
0A16 571 .BYTE ^XD8,^XD9,^XDA,^XDB,^XDC,^XDD,^XDE,^XDF : 0D8-0DF
0A1E 572 .BYTE ^XE0,^XE1,^XE2,^XE3,^XE4,^XE5,^XE6,^XE7 : 0E0-0E7
0A26 573 .BYTE ^XE8,^XE9,^XEA,^XEB,^XEC,^XED,^XEE,^XEF : 0E8-0EF
0A2E 574 .BYTE ^XF0,^XF1,^XF2,^XF3,^XF4,^XF5,^XF6,^XF7 : 0F0-0F7
0A36 575 .BYTE ^XF8,^XF9,^XFA,^XFB,^XFC,^XFD,^XFE,^XFF : 0F8-0FF
0A3E 576
0A3E 577 :+
0A3E 578 : Ordering values of the special pairs of the Spanish char set
0A3E 579 :-
0A3E 580
0A3E 581 STR$AB_SPANISH_CLASS_SPEC_PAIR::
0A3E 582 .BYTE ^A/C/,^X43,^A/H/,^XAA : CH
0A42 583 .BYTE ^A/c/,^X43,^A/h/,^XAA : Ch
0A46 584 .BYTE ^A/C/,^X43,^A/H/,^XAA : cH
0A4A 585 .BYTE ^A/c/,^X43,^A/h/,^XAA : ch
0A4E 586 .BYTE ^A/L/,^X4C,^A/L/,^XAA : LL
0A52 587 .BYTE ^A/l/,^X4C,^A/l/,^XAA : Ll
0A56 588 .BYTE ^A/L/,^X4C,^A/L/,^XAA : ll
```

STR\$AB\_MUL  
1-001

Multinational Character Set  
STR\$AB\_SPANISH\_CLASS

H 7

16-SEP-1984 00:33:53  
6-SEP-1984 11:15:59

VAX/VMS Macro V04-00  
[LIBRTL.SRC]STRABMUL.MAR;1

Page 15  
(12)

AA 6C 4C 6C

0A5A 589  
0A5E 590  
0A5E 591

.BYTE  
.END

^A/L/,^X4C,^A/L/,^XAA

; LL

STR  
1-0



STR\$AB\_MUL  
Symbol table

Multinational Character Set

I 7

16-SEP-1984 00:33:53 VAX/VMS Macro V04-00  
6-SEP-1984 11:15:59 [LIBRTL.SRC]STRABMUL.MAR;1

Page 16  
(12)

STR\$AB\_DAN\_NOR  
STR\$AB\_DAN\_NOR\_CLASS  
STR\$AB\_FIN\_SWED  
STR\$AB\_FIN\_SWED\_CLASS  
STR\$AB\_GERMAN  
STR\$AB\_GERMAN\_CLASS  
STR\$AB\_MULTI  
STR\$AB\_MULTI\_CLASS  
STR\$AB\_MULTI\_CLASS\_SPEC\_SEQ  
STR\$AB\_MULTI\_SPEC\_CHAR  
STR\$AB\_MULTI\_SPEC\_SEQ  
STR\$AB\_SPANISH  
STR\$AB\_SPANISH\_CLASS  
STR\$AB\_SPANISH\_CLASS\_SPEC\_PAIR  
STR\$AB\_SPANISH\_SPEC\_PAIR

0000021E RG 01  
0000031E RG 01  
0000041E RG 01  
0000051E RG 01  
0000061E RG 01  
0000071E RG 01  
00000000 RG 01  
00000112 RG 01  
00000212 RG 01  
00000100 RG 01  
00000106 RG 01  
0000081E RG 01  
0000093E RG 01  
00000A3E RG 01  
0000091E 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 |
| _STR\$CODE | 00000A5E ( 2654.) | 01 ( 1.) | PIC   | USR | CON | REL | LCL | SHR   | EXE   | RD   | NOWRT | NOVEC | LONG |

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

| Phase                  | Page faults | CPU Time    | Elapsed Time |
|------------------------|-------------|-------------|--------------|
| Initialization         | 31          | 00:00:00.02 | 00:00:02.77  |
| Command processing     | 125         | 00:00:00.30 | 00:00:01.95  |
| Pass 1                 | 104         | 00:00:02.87 | 00:00:12.20  |
| Symbol table sort      | 0           | 00:00:00.01 | 00:00:00.01  |
| Pass 2                 | 130         | 00:00:00.89 | 00:00:04.44  |
| Symbol table output    | 3           | 00:00:00.02 | 00:00:00.02  |
| 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   | 397         | 00:00:04.12 | 00:00:21.40  |

The working set limit was 1200 pages.  
20223 bytes (40 pages) of virtual memory were used to buffer the intermediate code.  
There were 10 pages of symbol table space allocated to hold 15 non-local and 0 local symbols.  
591 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.

STR\$AB\_MUL  
VAX-11 Macro Run Statistics

Multinational Character Set

J 7

16-SEP-1984 00:33:53 VAX/VMS Macro V04-00  
6-SEP-1984 11:15:59 [LIBRTL.SRC]STRABMUL.MAR;1

Page 17  
(12)

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS\$:STRABMUL/OBJ=OBJ\$:STRABMUL MSRC\$:STRABMUL/UPDATE=(ENHS:STRABMUL)



0213 AH-BT13A-SE  
VAX/VMS V4.0

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