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1 /*3DVecText.h
2 2016.07.10 JMS- Description of my character set extensions Version 0.6
3 2016.06.28 JMS- The font exercised in 7dof by App-F4-VecText7D-Demo.c
4 Version 0.52
5 2013.01.17 JMS- Traveler2/Athlon64/WinxPPro/APF9.0:C/OpenGL+CGIut*/
6 // #include <VecText.h>
7 /*
8 VecText.h suggests the following c_, d_ & e_ character interpretations:
9 The objective is to enrich the formatting within a text file
10 by repurposing some relatively unused characters.
11
12 A format for hex-code insertion is: e.g.: \xe0\x08 2016 for the circled-F.
13 \x Hexcodes terminate at a non-hex character ... a backspace cancelling
14 a following space suffices.
15
16 Custom character usages: (Not implemented as hex characters yet.)
17 My colors: [c][0] 'move without draw' - a no-op in this context
18 (clarifies & simplifies the content of .3dv files.)
19 White [c][1]
20 light Red [2]
21 Red [3]
22 !Green= Magenta [4]
23 !Blue = Yellow [5]
24 light Green [6]
25 Green [7]
26 !Red = Cyan [8]
27 light Blue [9]
28 Blue [a]
29 light Gray [b]
30 Gray [c]
31 Brown [d]
32 Purple [e]
33 !White Black [f]
34
35 Character shape modifiers: (Not implemented as hex characters yet.)
36 [d][0] return to defaults.
37 Line width [1] =1.
38 [2] =2.
39 [3] =3.
40 [4] =4.
41 [5] =5.
42 Italics [6] toggle on/off
43 Underlined [7] "
44 Subscript [8] "
45 Superscript [9] "
46 [a]
47 [b]
48 [c]
49 Show controls [d] "
50 [e]
51 [f]
52
53 Intellectual Property Symbols:
54 Circled F ~"Free"[e][0] - definition/scope - TBD. Insert via "\xe0\x08 2016"
55 - the concept: "purely unfettered knowledge".
56 Copyright [e][1] =\xa9
57 Registered Trademark [2] =\xae
58 Trademark [3] =\x99
59 CopyrightX [4] - definition/scope - TBD
60 ~"post-copyright" [5] Suggestion: Copyright has expired or been declined.
61 [6]
62 [7]
63
64
65 Lined whatever: (Not implemented as hex characters yet, except /xde & /xdf.)
66 [d][8] Concept: Prints a ruled page
67
68 Half-of-2D-graphs: [9] " : Draws linearly-spaced lines
69 [a] " : Draws log10-spaced lines
70 [b] " : Draws Polar coordinates

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71 [c] " : A numbered axis.
72 External parameters could control the number of cycles.
73 3D graphs could thus easily be constructed.
74 [d]
75 [e] Presently: a grid that borders one character volume
76 [f] " : a grid that rules 1 character volume
77 ... spacing not yet exactly uniform */
78
79
80 //ASCII character starting locations in CharLoc (if >0) :
81 int static CharLoc[256] = {
82 // BEL BS HT LF VT FF CR 0
83 0, 0, 0, 0, 0, 0, 0, 1, 67, 136, 169, 196, 220, 253, 0, 0,
84 // ESC 1
85 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 307, 0, 0, 0, 0,
86 // ! " # $ % & ' ( ) * + , - . / 2
87 385, 388, 412, 427, 454, 505, 568, 634, 643, 670, 697, 718, 733, 754, 763, 781,
88 // 0 1 2 3 4 5 6 7 8 9 : ; < = > ? 3
89 790, 838, 856, 889, 931, 946, 979, 1018, 1030, 1081, 1120, 1153, 1180, 1192, 1207, 1219,
90 // @ A B C D E F G H I J K L M N O 4
91 1276, 1336, 1354, 1393, 1426, 1450, 1471, 1489, 1522, 1543, 1564, 1585, 1609, 1621, 1639, 1654,
92 // P Q R S T U V W X Y Z [ \ ] ^ _ 5
93 1684, 1708, 1744, 1777, 1822, 1837, 1858, 1870, 1888, 1903, 1921, 1936, 1951, 1960, 1975, 1987,
94 // ` a b c d e f g h i j k l m n o 6
95 1996, 2005, 2038, 2071, 2098, 2131, 2164, 2188, 2224, 2248, 2272, 2305, 2326, 2338, 2377, 2401,
96 // p q r s t u v w x y z { | } ~ • 7
97 2431, 2464, 2506, 2527, 2566, 2581, 2605, 2617, 2635, 2650, 2683, 2698, 2734, 2743, 2779, 2812,
98 // 8
99 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
100 // • box grid ™ 9
101 0, 0, 0, 0, 0, 2860, 0, 0, 0, 2884, 0, 0, 0, 0, 0, 0,
102 // © ®  a
103 0, 0, 0, 0, 0, 0, 0, 0, 0, 2938, 0, 0, 0, 0, 2992, 0,
104 // ° ±  b
105 3049, 3091, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
106 //Special use in CEnv3D- Colors (black screen background):
107 //mov Wht lRed Red Mag Yel lGrn Grn Cyn lBlu Blu LGry Gry Brn Prp Blk c
108 3112, 3184, 3238, 3316, 3385, 3448, 3493, 3574, 3646, 3700, 3775, 3841, 3925, 4000, 4078, 4150,
109 //Special use in CEnv3D- Shape modifiers:
110 //toff wl. w2. w3. w4. w5. ita und sub sup show d
111 4219, 4300, 4327, 4369, 4414, 4447, 4486, 4534, 4588, 4675, 0, 0, 0, 4747, 0, 0,
112 //Fre © ® ™ ©x box grid f
113 4831, 4876, 4930, 4987, 5041, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5092, 5110,
114 // 0 1 2 3 4 5 6 7 8 9 a b c d e f
115 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
116 // 0 1 2 3 4 5 6 7 8 9 a b c d e f
117 }; //CharLoc[256]
118 int static PointLoc[5169] = {
119 0, 7, 21, 1, -10, 10, 2, -5, 10, 2, -4, 9, 2, -4, 7, 2, -6, 6, 2, -10, 6, 1, -6, 6,
120 2, -4, 5, 2, -4, 3, 2, -5, 2, 2, -10, 10, 1, 3, 4, 2, -3, 4, 2, -3, -4,
121 2, 3, -4, 1, -3, 0, 2, 1, 0, 1, 4, -2, 2, 4, -10, 2, 10, -10, 0, 8, 22, 1, -8, 8,
122 2, -3, 8, 2, -1, 7, 2, -1, 5, 2, -4, 4, 2, -8, 4, 1, -4, 4, 2, -1, 3, 2, -1, 1,
123 2, -3, 0, 2, -8, 0, 2, -8, 8, 1, 8, -1, 2, 6, 0, 2, 3, 0, 2, 1, -1, 2, 1, -3,
124 2, 8, -5, 2, 8, -7, 2, 6, -8, 2, 3, -8, 2, 1, -7, 0, 9, 10, 1, -8, 8, 2, -8, 0,
125 1, -8, 4, 2, -1, 4, 1, -1, 8, 2, -1, 0, 1, 1, 0, 2, 9, 0, 1, 5, 0, 2, 5, -8,
126 0, 10, 8, 1, -8, 8, 2, -8, 0, 2, -1, 0, 1, 1, -8, 2, 1, 0, 2, 8, 0, 1, 1, -4,
127 2, 7, -4, 0, 11, 7, 1, -8, 8, 2, -4, 0, 2, -1, 8, 1, 1, 0, 2, 9, 0, 1, 5, 0,
128 2, 5, -8, 0, 12, 10, 1, -8, 0, 2, -8, 8, 2, -1, 8, 1, -8, 4, 2, -2, 4, 1, 1, -8,
129 2, 1, 0, 2, 8, 0, 1, 1, -4, 2, 7, -4, 0, 13, 17, 1, -1, 6, 2, -3, 8, 2, -6, 8,
130 2, -8, 6, 2, -8, 2, 2, -6, 0, 2, -3, 0, 2, -1, 2, 1, 1, -8, 2, 1, 0, 2, 6, 0,
131 2, 8, -1, 2, 8, -3, 2, 6, -4, 2, 1, -4, 1, 4, -4, 2, 8, -8, 0, 27, 25, 1, -4, 10,
132 2, -10, 10, 2, -10, 2, 2, -4, 2, 1, -10, 6, 2, -6, 6, 1, 3, 3, 2, 2, 4, 2, -2, 4,
133 2, -3, 3, 2, -3, 1, 2, 3, -1, 2, 3, -3, 2, 2, -4, 2, -2, -4, 2, -3, -3, 1, 10, -3,
134 1, 10, -4, 2, 8, -2, 2, 6, -2, 2, 4, -4, 2, 4, -8, 2, 6, -10, 2, 8, -10, 2, 10, -8,
135 0, 32, 0, 0, 33, 7, 1, 0, 10, 2, 0, -6, 1, 0, -9, 2, 1, -10, 2, 0, -11, 2, -1, -10,
136 2, 0, -9, 0, 34, 4, 1, -4, 10, 2, -4, 5, 1, 4, 10, 2, 4, 5, 0, 35, 8, 1, -4, 6,
137 2, -7, -8, 1, 6, 6, 2, 3, -8, 1, -8, 2, 2, 8, 2, 1, -9, -4, 2, 7, -4, 0, 36, 16,
138 1, 7, 4, 2, 3, 7, 2, -3, 7, 2, -7, 4, 2, -7, 3, 2, -3, 0, 2, 3, 0, 2, 7, -3,
139 2, 7, -4, 2, 3, -7, 2, -3, -7, 2, -7, -4, 1, -2, 9, 2, -2, -9, 1, 2, 9, 2, 2, -9,
140 0, 37, 20, 1, -5, 10, 2, -3, 9, 2, -3, 6, 2, -5, 5, 2, -8, 5, 2, -10, 6, 2, -10, 9,

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141 2, -8, 10, 2, -5, 10, 1, 10, 10, 2, -10, -10, 1, 5, -5, 2, 8, -5, 2, 10, -6, 2, 10, -9,
142 2, 8, -10, 2, 5, -10, 2, 3, -9, 2, 3, -6, 2, 5, -5, 0, 38, 21, 1, 10, -10, 2, -6, 3,
143 2, -7, 5, 2, -7, 6, 2, -5, 9, 2, -2, 10, 2, 1, 10, 2, 4, 9, 2, 6, 6, 2, 6, 5,
144 2, 4, 3, 2, -6, -2, 2, -9, -3, 2, -10, -5, 2, -10, -6, 2, -9, -8, 2, -7, -9, 2, -3, -10,
145 2, 3, -10, 2, 5, -9, 2, 10, -5, 0, 39, 2, 1, 0, 10, 2, 0, 5, 0, 40, 8, 1, 3, 10,
146 2, 0, 9, 2, -2, 6, 2, -3, 2, 2, -3, -2, 2, -2, -6, 2, 0, -9, 2, 3, -10, 0, 41, 8,
147 1, -3, 10, 2, 0, 9, 2, 2, 6, 2, 3, 2, 2, 3, -2, 2, 2, -6, 2, 0, -9, 2, -3, -10,
148 0, 42, 6, 1, 5, 8, 2, -5, -8, 1, 10, 0, 2, -10, 0, 1, 5, -8, 2, -5, 8, 0, 43, 4,
149 1, 0, 6, 2, 0, -6, 1, 10, 0, 2, -10, 0, 0, 44, 6, 1, 1, -11, 2, -1, -11, 2, -1, -10,
150 2, 1, -10, 2, 1, -12, 2, -1, -15, 0, 45, 2, 1, -10, 0, 2, 10, 0, 0, 46, 5, 1, 0, -9,
151 2, 1, -10, 2, 0, -11, 2, -1, -10, 2, 0, -9, 0, 47, 2, 1, -10, -10, 2, 10, 10, 0, 48, 15,
152 1, 0, -10, 2, -5, -10, 2, -10, -5, 2, -10, 0, 2, -10, 5, 2, -5, 10, 2, 0, 10, 2, 5, 10,
153 2, 10, 5, 2, 10, 0, 2, 10, -5, 2, 5, -10, 2, 0, -10, 1, -10, -10, 2, 10, 10, 0, 49, 5,
154 1, -5, 2, 2, 0, 10, 2, 0, -10, 1, -5, -10, 2, 5, -10, 0, 50, 10, 1, -10, 6, 2, -6, 8,
155 2, 0, 10, 2, 6, 8, 2, 10, 5, 2, 6, 2, 2, 0, 0, 2, -6, -2, 2, -10, -10, 2, 10, -10,
156 0, 51, 13, 1, -10, 6, 2, -6, 10, 2, 6, 10, 2, 10, 6, 2, 10, 2, 2, 6, 0, 2, -2, 0,
157 2, 6, 0, 2, 10, -2, 2, 10, -6, 2, 6, -10, 2, -6, -10, 2, -10, -6, 0, 52, 4, 1, 10, -3,
158 2, -10, -3, 2, 6, 10, 2, 6, -10, 0, 53, 10, 1, 10, 10, 2, -10, 10, 2, -10, 0, 2, -6, 2,
159 2, 6, 2, 2, 10, 0, 2, 10, -6, 2, 6, -10, 2, -6, -10, 2, -10, -6, 0, 54, 12, 1, 10, 6,
160 2, 6, 10, 2, -6, 10, 2, -10, 6, 2, -10, -6, 2, -6, -10, 2, 6, -10, 2, 10, -6, 2, 10, -2,
161 2, 6, 0, 2, -6, 0, 2, -10, -2, 0, 55, 3, 1, -10, 10, 2, 10, 10, 2, -3, -10, 0, 56, 16,
162 1, -6, 0, 2, -10, 2, 2, -10, 6, 2, -6, 10, 2, 6, 10, 2, 10, 6, 2, 10, 2, 2, 6, 0,
163 2, -6, 0, 2, -10, -2, 2, -10, -6, 2, -6, -10, 2, 6, -10, 2, 10, -6, 2, 10, -2, 2, 6, 0,
164 0, 57, 12, 1, 10, 2, 2, 6, 0, 2, -6, 0, 2, -10, 2, 2, -10, 6, 2, -6, 10, 2, 6, 10,
165 2, 10, 6, 2, 10, -6, 2, 6, -10, 2, -6, -10, 2, -10, -6, 0, 58, 10, 1, 0, 1, 2, 1, 0,
166 2, 0, -1, 2, -1, 0, 2, 0, 1, 1, 0, -8, 2, 1, -9, 2, 0, -10, 2, -1, -9, 2, 0, -8,
167 0, 59, 8, 1, 0, -4, 2, 1, -5, 2, 0, -6, 2, -1, -5, 2, 0, -4, 1, 0, -9, 2, 0, -11,
168 2, -2, -13, 0, 60, 3, 1, 10, 5, 2, -10, 0, 2, 10, -5, 0, 61, 4, 1, -9, 2, 2, 9, 2,
169 1, -9, -2, 2, 9, -2, 0, 62, 3, 1, -10, 5, 2, 10, 0, 2, -10, -5, 0, 63, 18, 1, -10, 6,
170 2, -9, 8, 2, -7, 9, 2, -3, 10, 2, 3, 10, 2, 7, 9, 2, 9, 8, 2, 10, 6, 2, 10, 4,
171 2, 9, 2, 2, 7, 1, 2, 0, -1, 2, 0, -5, 1, 0, -9, 2, 1, -10, 2, 0, -11, 2, -1, -10,
172 2, 0, -9, 0, 64, 19, 1, 4, 2, 2, 2, 3, 2, -1, 3, 2, -4, 1, 2, -4, -2, 2, -1, -4,
173 2, 2, -4, 2, 4, -3, 2, 4, 3, 1, 4, -3, 2, 6, -4, 2, 10, -3, 2, 10, 3, 2, 5, 6,
174 2, -5, 6, 2, -10, 3, 2, -10, -3, 2, -5, -6, 2, 5, -6, 0, 65, 5, 1, -10, -10, 2, 0, 10,
175 2, 10, -10, 1, -6, -3, 2, 6, -3, 0, 66, 12, 1, -10, 10, 2, 6, 10, 2, 10, 6, 2, 10, 2,
176 2, 6, 0, 2, -10, 0, 1, 6, 0, 2, 10, -2, 2, 10, -6, 2, 6, -10, 2, -10, -10, 2, -10, 10,
177 0, 67, 10, 1, 10, 6, 2, 10, 6, 2, 6, 10, 2, -6, 10, 2, -10, 6, 2, -10, -6, 2, -6, -10,
178 2, 6, -10, 2, 10, -6, 2, 10, -6, 0, 68, 7, 1, -10, 10, 2, 6, 10, 2, 10, 6, 2, 10, -6,
179 2, 6, -10, 2, -10, -10, 2, -10, 10, 0, 69, 6, 1, -10, 0, 2, 6, 0, 1, 10, 10, 2, -10, 10,
180 2, -10, -10, 2, 10, -10, 0, 70, 5, 1, -10, 0, 2, 6, 0, 1, 10, 10, 2, -10, 10, 2, -10,
181 0, 71, 10, 1, 0, 0, 2, 10, 0, 2, 10, -6, 2, 6, -10, 2, -6, -10, 2, -10, -6, 2, -10, 6,
182 2, -6, 10, 2, 6, 10, 2, 10, 6, 0, 72, 6, 1, -10, 10, 2, -10, -10, 1, -10, 0, 2, 10, 0,
183 1, 10, 10, 2, 10, -10, 0, 73, 6, 1, -5, 10, 2, 5, 10, 1, 0, 10, 2, 0, -10, 1, -5, -10,
184 2, 5, -10, 0, 74, 6, 1, 10, 10, 2, 10, -6, 2, 6, -10, 2, -6, -10, 2, -10, -6, 2, -10, -3,
185 0, 75, 7, 1, -10, 10, 2, -10, -10, 1, -10, 0, 2, 0, 0, 2, 10, 10, 1, 0, 0, 2, 10, -10,
186 0, 76, 3, 1, -10, 10, 2, -10, -10, 2, 10, -10, 0, 77, 5, 1, -10, -10, 2, -10, 10, 2, 0, -3,
187 2, 10, 10, 2, 10, -10, 0, 78, 4, 1, -10, -10, 2, -10, 10, 2, 10, -10, 2, 10, 10, 0, 79, 9,
188 1, 6, 10, 2, 10, 6, 2, 10, -6, 2, 6, -10, 2, -6, -10, 2, -10, -6, 2, -10, 6, 2, -6, 10,
189 2, 6, 10, 0, 80, 7, 1, -10, -10, 2, -10, 10, 2, 6, 10, 2, 10, 6, 2, 10, 3, 2, 6, 0,
190 2, -10, 0, 0, 81, 11, 1, 6, 10, 2, 10, 6, 2, 10, -6, 2, 6, -10, 2, -6, -10, 2, -10, -6,
191 2, -10, 6, 2, -6, 10, 2, 6, 10, 1, 0, 0, 2, 12, -12, 0, 82, 10, 1, -10, -10, 2, -10, 10,
192 2, 6, 10, 2, 10, 6, 2, 10, 3, 2, 6, 0, 2, -10, 0, 1, 5, 0, 2, 10, -5, 2, 10, -10,
193 0, 83, 14, 1, 10, 6, 2, 10, 6, 2, 6, 10, 2, -6, 10, 2, -10, 6, 2, -10, 2, 2, -6, 0,
194 2, 6, 0, 2, 10, -2, 2, 10, -6, 2, 6, -10, 2, -6, -10, 2, -10, -6, 2, -10, -6, 0, 84, 4,
195 1, -10, 10, 2, 10, 10, 1, 0, 10, 2, 0, -10, 0, 85, 6, 1, -10, 10, 2, -10, -6, 2, -6, -10,
196 2, 6, -10, 2, 10, -6, 2, 10, 10, 0, 86, 3, 1, -10, 10, 2, 0, -10, 2, 10, 10, 0, 87, 5,
197 1, -10, 10, 2, -5, -10, 2, 0, 5, 2, 5, -10, 2, 10, 10, 0, 88, 4, 1, -10, 10, 2, 10, -10,
198 1, -10, -10, 2, 10, 10, 0, 89, 5, 1, -10, 10, 2, 0, 0, 2, 0, -10, 1, 0, 0, 2, 10, 10,
199 0, 90, 4, 1, -10, 10, 2, 10, 10, 2, -10, -10, 2, 10, -10, 0, 91, 4, 1, 3, 10, 2, -3, 10,
200 2, -3, -10, 2, 3, -10, 0, 92, 2, 1, -10, 10, 2, 10, -10, 0, 93, 4, 1, -3, 10, 2, 3, 10,
201 2, 3, -10, 2, -3, -10, 0, 94, 3, 1, -8, 0, 2, 0, 6, 2, 8, 0, 0, 95, 2, 1, -10, -11,
202 2, 10, -11, 0, 96, 2, 1, -3, 10, 2, 0, 5, 0, 97, 10, 1, 9, 0, 2, 9, -7, 2, 4, -10,
203 2, -4, -10, 2, -9, -7, 2, -9, -3, 2, -4, 0, 2, 4, 0, 2, 9, -3, 2, 9, -10, 0, 98, 10,
204 1, -9, 8, 2, -9, -7, 2, -4, -10, 2, 4, -10, 2, 9, -7, 2, 9, -3, 2, 4, 0, 2, -3, 0,
205 2, -9, -3, 2, -9, -10, 0, 99, 8, 1, 9, -3, 2, 4, 0, 2, -4, 0, 2, -9, -3, 2, -9, -7,
206 2, -4, -10, 2, 4, -10, 2, 9, -7, 0, 100, 10, 1, 9, 8, 2, 9, -7, 2, 4, -10, 2, -4, -10,
207 2, -9, -7, 2, -9, -3, 2, -4, 0, 2, 4, 0, 2, 9, -3, 2, 9, -10, 0, 101, 10, 1, -9, -5,
208 2, 9, -5, 2, 9, -3, 2, 4, 0, 2, -4, 0, 2, -9, -3, 2, -9, -7, 2, -4, -10, 2, 4, -10,
209 2, 9, -9, 0, 102, 7, 1, -5, -10, 2, -5, 6, 2, 0, 8, 2, 4, 8, 2, 9, 6, 1, -9, 0,
210 2, 9, 0, 0, 103, 11, 1, 9, -7, 2, 4, -10, 2, -4, -10, 2, -9, -7, 2, -9, -3, 2, -4, 0,

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211 2, 4, 0, 2, 9, -3, 2, 9, -12, 2, 4, -15, 2, -4, -15, 0, 104, 7, 1, -9, 8, 2, -9, -10,
 212 2, -9, -3, 2, -4, 0, 2, 4, 0, 2, 9, -3, 2, 9, -10, 0, 105, 7, 1, 0, 0, 2, 0, -10,
 213 1, 0, 7, 2, 1, 6, 2, 0, 5, 2, -1, 6, 2, 0, 7, 0, 106, 10, 1, 9, 0, 2, 9, -12,
 214 2, 4, -15, 2, -4, -15, 2, -9, -12, 1, 9, 7, 2, 10, 6, 2, 9, 5, 2, 8, 6, 2, 9, 7,
 215 0, 107, 6, 1, -9, 8, 2, -9, -10, 1, -9, -2, 2, 5, 4, 1, -7, -1, 2, 9, -10, 0, 108, 3,
 216 1, 0, 8, 2, 0, -10, 2, 2, -10, 0, 109, 12, 1, -9, -10, 2, -9, 0, 1, -9, -3, 2, -6, 0,
 217 2, -3, 0, 2, 0, -3, 2, 0, -5, 1, 0, -3, 2, 3, 0, 2, 6, 0, 2, 9, -3, 2, 9, -10,
 218 0, 110, 7, 1, -9, -10, 2, -9, 0, 1, -9, -3, 2, -4, 0, 2, 4, 0, 2, 9, -3, 2, 9, -10,
 219 0, 111, 9, 1, 4, 0, 2, 9, -3, 2, 9, -7, 2, 4, -10, 2, -4, -10, 2, -9, -7, 2, -9, -3,
 220 2, -4, 0, 2, 4, 0, 0, 112, 10, 1, -9, -15, 2, -9, 0, 1, -9, -3, 2, -4, 0, 2, 4, 0,
 221 2, 9, -3, 2, 9, -7, 2, 4, -10, 2, -4, -10, 2, -9, -7, 0, 113, 13, 1, 9, -7, 2, 4, -10,
 222 2, -4, -10, 2, -9, -7, 2, -9, -3, 2, -4, 0, 2, 4, 0, 2, 9, -3, 2, 9, -7, 2, 6, -14,
 223 2, 7, -15, 2, 9, -15, 2, 10, -14, 0, 114, 6, 1, -9, -10, 2, -9, 0, 1, -9, -3, 2, -4, 0,
 224 2, 4, 0, 2, 10, -3, 0, 115, 12, 1, 9, -2, 2, 4, 0, 2, -4, 0, 2, -9, -2, 2, -9, -3,
 225 2, -4, -5, 2, 4, -5, 2, 9, -7, 2, 9, -8, 2, 4, -10, 2, -4, -10, 2, -9, -8, 0, 116, 4,
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 242 2, -5, -7, 2, -10, -4, 2, -10, 4, 2, -5, 7, 2, 5, 7, 1, 6, 2, 2, 3, 4, 2, -3, 4,
 243 2, -6, 2, 2, -6, -2, 2, -3, -4, 2, 4, -4, 2, 6, -2, 0, 174, 18, 1, -4, -1, 2, -4, 7,
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 245 2, 10, 7, 2, 10, -1, 2, 4, -4, 2, -4, -4, 2, -10, -1, 2, -10, 7, 2, -4, 10, 2, 4, 10,
 246 0, 176, 13, 1, 1, 10, 2, 3, 9, 2, 4, 8, 2, 4, 7, 2, 3, 6, 2, 1, 5, 2, -1, 5,
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 250 2, -4, 6, 2, -4, 8, 2, -3, 9, 2, -2, 9, 1, 1, 9, 2, 3, 5, 2, 5, 9, 1, 10, 9,
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 252 2, -6, 8, 2, -4, 2, 2, -2, 8, 1, 0, 8, 2, 0, 2, 1, 0, 5, 2, 5, 5, 1, 5, 8,
 253 2, 5, 2, 1, 9, 8, 2, 9, 2, 1, 8, 8, 2, 10, 8, 1, 8, 2, 2, 10, 2, 0, 194, 25,
 254 1, -10, 6, 2, -10, 2, 2, -8, 2, 1, -7, 2, 2, -7, 8, 2, -3, 8, 2, -2, 7, 2, -2, 6,
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293 2, -5, 4, 2, -5, 3, 2, -6, 2, 2, -10, 2, 2, -10, 5, 1, -3, 8, 2, -3, 2, 2, 2,
294 1, 4, 8, 2, 4, 2, 1, 4, 5, 2, 10, 8, 1, 6, 6, 2, 10, 2, 0, 208, 26, 1, -10, 9,
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324 2, -10, 4, 2, -5, 7, 2, 5, 7, 0, 226, 18, 1, -4, -1, 2, -4, 7, 2, 2, 7, 2, 4, 6,
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327 2, -9, 9, 2, -1, 9, 2, -1, 8, 1, -5, 9, 2, -5, 1, 1, -6, 1, 2, -4, 1, 1, 0, 1,
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333 2, 15, 0, 1, -15, -5, 2, 15, -5, 1, -15, -10, 2, 15, -10, 1, -7, 10, 2, -7, -15, 1, 0, 10,
334 2, 0, -15, 1, 7, 10, 2, 7, -15
335 }; //PointLoc[5169]
336
337 //Color index conversions - added in version 0.52:
338
339 //Converts DOS colors to Colors3D colors: (...interprets black as 'move')
340 int ColorsDOSTo3D[16]={15, 10, 7, 8, 3, 4, 13, 11, 12, 9, 6, 8, 2, 14, 5, 1};
341 //...for importing DOS colors in .3dv files.
342
343 //Converts Colors3D colors to DOS colors: (...interprets 'move' as black)
344 int Colors3DtoDOS[16]={0, 15, 12, 4, 5, 14, 10, 2, 3, 9, 1, 7, 8, 6, 13, 0};
345 //...for exporting DOS colors to .3dv files.
346
347 //DOS -to- ACAD R12 Color conversion table (my wag-to-wag):
348 // Reference http://sub-atomic.com/~moses/acadcolors.html
349 //Converts DOS colors to ACAD R12 colors:
350 int ColorsDOSToDXFR12[16]={0, 5, 3, 4, 1, 6, 62, 9, 8, 161, 81, 131, 11, 211, 2, 7};

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2016.06.28.2229

351 //...for exporting ACADR12 colors to .dxf files.
352