#pragma once

#include <Adafruit\_GFX.h>

const uint8\_t FreeSans9pt7bBitmaps[] PROGMEM = {

0xFF, 0xFF, 0xF8, 0xC0, 0xDE, 0xF7, 0x20, 0x09, 0x86, 0x41, 0x91, 0xFF,

0x13, 0x04, 0xC3, 0x20, 0xC8, 0xFF, 0x89, 0x82, 0x61, 0x90, 0x10, 0x1F,

0x14, 0xDA, 0x3D, 0x1E, 0x83, 0x40, 0x78, 0x17, 0x08, 0xF4, 0x7A, 0x35,

0x33, 0xF0, 0x40, 0x20, 0x38, 0x10, 0xEC, 0x20, 0xC6, 0x20, 0xC6, 0x40,

0xC6, 0x40, 0x6C, 0x80, 0x39, 0x00, 0x01, 0x3C, 0x02, 0x77, 0x02, 0x63,

0x04, 0x63, 0x04, 0x77, 0x08, 0x3C, 0x0E, 0x06, 0x60, 0xCC, 0x19, 0x81,

0xE0, 0x18, 0x0F, 0x03, 0x36, 0xC2, 0xD8, 0x73, 0x06, 0x31, 0xE3, 0xC4,

0xFE, 0x13, 0x26, 0x6C, 0xCC, 0xCC, 0xC4, 0x66, 0x23, 0x10, 0x8C, 0x46,

0x63, 0x33, 0x33, 0x32, 0x66, 0x4C, 0x80, 0x25, 0x7E, 0xA5, 0x00, 0x30,

0xC3, 0x3F, 0x30, 0xC3, 0x0C, 0xD6, 0xF0, 0xC0, 0x08, 0x44, 0x21, 0x10,

0x84, 0x42, 0x11, 0x08, 0x00, 0x3C, 0x66, 0x42, 0xC3, 0xC3, 0xC3, 0xC3,

0xC3, 0xC3, 0xC3, 0x42, 0x66, 0x3C, 0x11, 0x3F, 0x33, 0x33, 0x33, 0x33,

0x30, 0x3E, 0x31, 0xB0, 0x78, 0x30, 0x18, 0x1C, 0x1C, 0x1C, 0x18, 0x18,

0x10, 0x08, 0x07, 0xF8, 0x3C, 0x66, 0xC3, 0xC3, 0x03, 0x06, 0x1C, 0x07,

0x03, 0xC3, 0xC3, 0x66, 0x3C, 0x0C, 0x18, 0x71, 0x62, 0xC9, 0xA3, 0x46,

0xFE, 0x18, 0x30, 0x60, 0xC0, 0x7F, 0x20, 0x10, 0x08, 0x08, 0x07, 0xF3,

0x8C, 0x03, 0x01, 0x80, 0xF0, 0x6C, 0x63, 0xE0, 0x1E, 0x31, 0x98, 0x78,

0x0C, 0x06, 0xF3, 0x8D, 0x83, 0xC1, 0xE0, 0xD0, 0x6C, 0x63, 0xE0, 0xFF,

0x03, 0x02, 0x06, 0x04, 0x0C, 0x08, 0x18, 0x18, 0x18, 0x10, 0x30, 0x30,

0x3E, 0x31, 0xB0, 0x78, 0x3C, 0x1B, 0x18, 0xF8, 0xC6, 0xC1, 0xE0, 0xF0,

0x6C, 0x63, 0xE0, 0x3C, 0x66, 0xC2, 0xC3, 0xC3, 0xC3, 0x67, 0x3B, 0x03,

0x03, 0xC2, 0x66, 0x3C, 0xC0, 0x00, 0x30, 0xC0, 0x00, 0x00, 0x64, 0xA0,

0x00, 0x81, 0xC7, 0x8E, 0x0C, 0x07, 0x80, 0x70, 0x0E, 0x01, 0x80, 0xFF,

0x80, 0x00, 0x1F, 0xF0, 0x00, 0x70, 0x0E, 0x01, 0xC0, 0x18, 0x38, 0x71,

0xC0, 0x80, 0x00, 0x3E, 0x31, 0xB0, 0x78, 0x30, 0x18, 0x18, 0x38, 0x18,

0x18, 0x0C, 0x00, 0x00, 0x01, 0x80, 0x03, 0xF0, 0x06, 0x0E, 0x06, 0x01,

0x86, 0x00, 0x66, 0x1D, 0xBB, 0x31, 0xCF, 0x18, 0xC7, 0x98, 0x63, 0xCC,

0x31, 0xE6, 0x11, 0xB3, 0x99, 0xCC, 0xF7, 0x86, 0x00, 0x01, 0x80, 0x00,

0x70, 0x40, 0x0F, 0xE0, 0x06, 0x00, 0xF0, 0x0F, 0x00, 0x90, 0x19, 0x81,

0x98, 0x10, 0x83, 0x0C, 0x3F, 0xC2, 0x04, 0x60, 0x66, 0x06, 0xC0, 0x30,

0xFF, 0x18, 0x33, 0x03, 0x60, 0x6C, 0x0D, 0x83, 0x3F, 0xC6, 0x06, 0xC0,

0x78, 0x0F, 0x01, 0xE0, 0x6F, 0xF8, 0x1F, 0x86, 0x19, 0x81, 0xA0, 0x3C,

0x01, 0x80, 0x30, 0x06, 0x00, 0xC0, 0x68, 0x0D, 0x83, 0x18, 0x61, 0xF0,

0xFF, 0x18, 0x33, 0x03, 0x60, 0x3C, 0x07, 0x80, 0xF0, 0x1E, 0x03, 0xC0,

0x78, 0x0F, 0x03, 0x60, 0xCF, 0xF0, 0xFF, 0xE0, 0x30, 0x18, 0x0C, 0x06,

0x03, 0xFD, 0x80, 0xC0, 0x60, 0x30, 0x18, 0x0F, 0xF8, 0xFF, 0xC0, 0xC0,

0xC0, 0xC0, 0xC0, 0xFE, 0xC0, 0xC0, 0xC0, 0xC0, 0xC0, 0xC0, 0x0F, 0x83,

0x0E, 0x60, 0x66, 0x03, 0xC0, 0x0C, 0x00, 0xC1, 0xFC, 0x03, 0xC0, 0x36,

0x03, 0x60, 0x73, 0x0F, 0x0F, 0x10, 0xC0, 0x78, 0x0F, 0x01, 0xE0, 0x3C,

0x07, 0x80, 0xFF, 0xFE, 0x03, 0xC0, 0x78, 0x0F, 0x01, 0xE0, 0x3C, 0x06,

0xFF, 0xFF, 0xFF, 0xC0, 0x06, 0x0C, 0x18, 0x30, 0x60, 0xC1, 0x83, 0x07,

0x8F, 0x1E, 0x27, 0x80, 0xC0, 0xD8, 0x33, 0x0C, 0x63, 0x0C, 0xC1, 0xB8,

0x3F, 0x07, 0x30, 0xC3, 0x18, 0x63, 0x06, 0x60, 0x6C, 0x0C, 0xC0, 0xC0,

0xC0, 0xC0, 0xC0, 0xC0, 0xC0, 0xC0, 0xC0, 0xC0, 0xC0, 0xC0, 0xFF, 0xE0,

0x3F, 0x01, 0xFC, 0x1F, 0xE0, 0xFD, 0x05, 0xEC, 0x6F, 0x63, 0x79, 0x13,

0xCD, 0x9E, 0x6C, 0xF1, 0x47, 0x8E, 0x3C, 0x71, 0x80, 0xE0, 0x7C, 0x0F,

0xC1, 0xE8, 0x3D, 0x87, 0x98, 0xF1, 0x1E, 0x33, 0xC3, 0x78, 0x6F, 0x07,

0xE0, 0x7C, 0x0E, 0x0F, 0x81, 0x83, 0x18, 0x0C, 0xC0, 0x6C, 0x01, 0xE0,

0x0F, 0x00, 0x78, 0x03, 0xC0, 0x1B, 0x01, 0x98, 0x0C, 0x60, 0xC0, 0xF8,

0x00, 0xFF, 0x30, 0x6C, 0x0F, 0x03, 0xC0, 0xF0, 0x6F, 0xF3, 0x00, 0xC0,

0x30, 0x0C, 0x03, 0x00, 0xC0, 0x00, 0x0F, 0x81, 0x83, 0x18, 0x0C, 0xC0,

0x6C, 0x01, 0xE0, 0x0F, 0x00, 0x78, 0x03, 0xC0, 0x1B, 0x01, 0x98, 0x6C,

0x60, 0xC0, 0xFB, 0x00, 0x08, 0xFF, 0x8C, 0x0E, 0xC0, 0x6C, 0x06, 0xC0,

0x6C, 0x0C, 0xFF, 0x8C, 0x0E, 0xC0, 0x6C, 0x06, 0xC0, 0x6C, 0x06, 0xC0,

0x70, 0x3F, 0x18, 0x6C, 0x0F, 0x03, 0xC0, 0x1E, 0x01, 0xF0, 0x0E, 0x00,

0xF0, 0x3C, 0x0D, 0x86, 0x3F, 0x00, 0xFF, 0x86, 0x03, 0x01, 0x80, 0xC0,

0x60, 0x30, 0x18, 0x0C, 0x06, 0x03, 0x01, 0x80, 0xC0, 0xC0, 0x78, 0x0F,

0x01, 0xE0, 0x3C, 0x07, 0x80, 0xF0, 0x1E, 0x03, 0xC0, 0x78, 0x0F, 0x01,

0xB0, 0x61, 0xF0, 0xC0, 0x6C, 0x0D, 0x81, 0x10, 0x63, 0x0C, 0x61, 0x04,

0x60, 0xCC, 0x19, 0x01, 0x60, 0x3C, 0x07, 0x00, 0x60, 0xC1, 0x81, 0x30,

0xE1, 0x98, 0x70, 0xCC, 0x28, 0x66, 0x26, 0x21, 0x13, 0x30, 0xC8, 0x98,

0x6C, 0x4C, 0x14, 0x34, 0x0A, 0x1A, 0x07, 0x07, 0x03, 0x03, 0x80, 0x81,

0x80, 0x60, 0x63, 0x0C, 0x30, 0xC1, 0x98, 0x0F, 0x00, 0xE0, 0x06, 0x00,

0xF0, 0x19, 0x01, 0x98, 0x30, 0xC6, 0x0E, 0x60, 0x60, 0xC0, 0x36, 0x06,

0x30, 0xC3, 0x0C, 0x19, 0x81, 0xD8, 0x0F, 0x00, 0x60, 0x06, 0x00, 0x60,

0x06, 0x00, 0x60, 0x06, 0x00, 0xFF, 0xC0, 0x60, 0x30, 0x0C, 0x06, 0x03,

0x01, 0xC0, 0x60, 0x30, 0x18, 0x06, 0x03, 0x00, 0xFF, 0xC0, 0xFB, 0x6D,

0xB6, 0xDB, 0x6D, 0xB6, 0xE0, 0x84, 0x10, 0x84, 0x10, 0x84, 0x10, 0x84,

0x10, 0x80, 0xED, 0xB6, 0xDB, 0x6D, 0xB6, 0xDB, 0xE0, 0x30, 0x60, 0xA2,

0x44, 0xD8, 0xA1, 0x80, 0xFF, 0xC0, 0xC6, 0x30, 0x7E, 0x71, 0xB0, 0xC0,

0x60, 0xF3, 0xDB, 0x0D, 0x86, 0xC7, 0x3D, 0xC0, 0xC0, 0x60, 0x30, 0x1B,

0xCE, 0x36, 0x0F, 0x07, 0x83, 0xC1, 0xE0, 0xF0, 0x7C, 0x6D, 0xE0, 0x3C,

0x66, 0xC3, 0xC0, 0xC0, 0xC0, 0xC0, 0xC3, 0x66, 0x3C, 0x03, 0x03, 0x03,

0x3B, 0x67, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0x67, 0x3B, 0x3C, 0x66,

0xC3, 0xC3, 0xFF, 0xC0, 0xC0, 0xC3, 0x66, 0x3C, 0x36, 0x6F, 0x66, 0x66,

0x66, 0x66, 0x60, 0x3B, 0x67, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0x67,

0x3B, 0x03, 0x03, 0xC6, 0x7C, 0xC0, 0xC0, 0xC0, 0xDE, 0xE3, 0xC3, 0xC3,

0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0xFF, 0xFF, 0xC0, 0x30, 0x03,

0x33, 0x33, 0x33, 0x33, 0x33, 0x33, 0xE0, 0xC0, 0x60, 0x30, 0x18, 0x4C,

0x46, 0x63, 0x61, 0xF0, 0xEC, 0x62, 0x31, 0x98, 0x6C, 0x30, 0xFF, 0xFF,

0xFF, 0xC0, 0xDE, 0xF7, 0x1C, 0xF0, 0xC7, 0x86, 0x3C, 0x31, 0xE1, 0x8F,

0x0C, 0x78, 0x63, 0xC3, 0x1E, 0x18, 0xC0, 0xDE, 0xE3, 0xC3, 0xC3, 0xC3,

0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0x3C, 0x66, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3,

0xC3, 0x66, 0x3C, 0xDE, 0x71, 0xB0, 0x78, 0x3C, 0x1E, 0x0F, 0x07, 0x83,

0xE3, 0x6F, 0x30, 0x18, 0x0C, 0x00, 0x3B, 0x67, 0xC3, 0xC3, 0xC3, 0xC3,

0xC3, 0xC3, 0x67, 0x3B, 0x03, 0x03, 0x03, 0xDF, 0x31, 0x8C, 0x63, 0x18,

0xC6, 0x00, 0x3E, 0xE3, 0xC0, 0xC0, 0xE0, 0x3C, 0x07, 0xC3, 0xE3, 0x7E,

0x66, 0xF6, 0x66, 0x66, 0x66, 0x67, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3, 0xC3,

0xC3, 0xC3, 0xC7, 0x7B, 0xC1, 0xA0, 0x98, 0xCC, 0x42, 0x21, 0xB0, 0xD0,

0x28, 0x1C, 0x0C, 0x00, 0xC6, 0x1E, 0x38, 0x91, 0xC4, 0xCA, 0x66, 0xD3,

0x16, 0xD0, 0xA6, 0x87, 0x1C, 0x38, 0xC0, 0xC6, 0x00, 0x43, 0x62, 0x36,

0x1C, 0x18, 0x1C, 0x3C, 0x26, 0x62, 0x43, 0xC1, 0x21, 0x98, 0xCC, 0x42,

0x61, 0xB0, 0xD0, 0x38, 0x1C, 0x0C, 0x06, 0x03, 0x01, 0x03, 0x00, 0xFE,

0x0C, 0x30, 0xC1, 0x86, 0x18, 0x20, 0xC1, 0xFC, 0x36, 0x66, 0x66, 0x6E,

0xCE, 0x66, 0x66, 0x66, 0x30, 0xFF, 0xFF, 0xFF, 0xFF, 0xC0, 0xC6, 0x66,

0x66, 0x67, 0x37, 0x66, 0x66, 0x66, 0xC0, 0x61, 0x24, 0x38};

const GFXglyph FreeSans9pt7bGlyphs[] PROGMEM = {

{0, 0, 0, 5, 0, 1}, // 0x20 ' '

{0, 2, 13, 6, 2, -12}, // 0x21 '!'

{4, 5, 4, 6, 1, -12}, // 0x22 '"'

{7, 10, 12, 10, 0, -11}, // 0x23 '#'

{22, 9, 16, 10, 1, -13}, // 0x24 '$'

{40, 16, 13, 16, 1, -12}, // 0x25 '%'

{66, 11, 13, 12, 1, -12}, // 0x26 '&'

{84, 2, 4, 4, 1, -12}, // 0x27 '''

{85, 4, 17, 6, 1, -12}, // 0x28 '('

{94, 4, 17, 6, 1, -12}, // 0x29 ')'

{103, 5, 5, 7, 1, -12}, // 0x2A '\*'

{107, 6, 8, 11, 3, -7}, // 0x2B '+'

{113, 2, 4, 5, 2, 0}, // 0x2C ','

{114, 4, 1, 6, 1, -4}, // 0x2D '-'

{115, 2, 1, 5, 1, 0}, // 0x2E '.'

{116, 5, 13, 5, 0, -12}, // 0x2F '/'

{125, 8, 13, 10, 1, -12}, // 0x30 '0'

{138, 4, 13, 10, 3, -12}, // 0x31 '1'

{145, 9, 13, 10, 1, -12}, // 0x32 '2'

{160, 8, 13, 10, 1, -12}, // 0x33 '3'

{173, 7, 13, 10, 2, -12}, // 0x34 '4'

{185, 9, 13, 10, 1, -12}, // 0x35 '5'

{200, 9, 13, 10, 1, -12}, // 0x36 '6'

{215, 8, 13, 10, 0, -12}, // 0x37 '7'

{228, 9, 13, 10, 1, -12}, // 0x38 '8'

{243, 8, 13, 10, 1, -12}, // 0x39 '9'

{256, 2, 10, 5, 1, -9}, // 0x3A ':'

{259, 3, 12, 5, 1, -8}, // 0x3B ';'

{264, 9, 9, 11, 1, -8}, // 0x3C '<'

{275, 9, 4, 11, 1, -5}, // 0x3D '='

{280, 9, 9, 11, 1, -8}, // 0x3E '>'

{291, 9, 13, 10, 1, -12}, // 0x3F '?'

{306, 17, 16, 18, 1, -12}, // 0x40 '@'

{340, 12, 13, 12, 0, -12}, // 0x41 'A'

{360, 11, 13, 12, 1, -12}, // 0x42 'B'

{378, 11, 13, 13, 1, -12}, // 0x43 'C'

{396, 11, 13, 13, 1, -12}, // 0x44 'D'

{414, 9, 13, 11, 1, -12}, // 0x45 'E'

{429, 8, 13, 11, 1, -12}, // 0x46 'F'

{442, 12, 13, 14, 1, -12}, // 0x47 'G'

{462, 11, 13, 13, 1, -12}, // 0x48 'H'

{480, 2, 13, 5, 2, -12}, // 0x49 'I'

{484, 7, 13, 10, 1, -12}, // 0x4A 'J'

{496, 11, 13, 12, 1, -12}, // 0x4B 'K'

{514, 8, 13, 10, 1, -12}, // 0x4C 'L'

{527, 13, 13, 15, 1, -12}, // 0x4D 'M'

{549, 11, 13, 13, 1, -12}, // 0x4E 'N'

{567, 13, 13, 14, 1, -12}, // 0x4F 'O'

{589, 10, 13, 12, 1, -12}, // 0x50 'P'

{606, 13, 14, 14, 1, -12}, // 0x51 'Q'

{629, 12, 13, 13, 1, -12}, // 0x52 'R'

{649, 10, 13, 12, 1, -12}, // 0x53 'S'

{666, 9, 13, 11, 1, -12}, // 0x54 'T'

{681, 11, 13, 13, 1, -12}, // 0x55 'U'

{699, 11, 13, 12, 0, -12}, // 0x56 'V'

{717, 17, 13, 17, 0, -12}, // 0x57 'W'

{745, 12, 13, 12, 0, -12}, // 0x58 'X'

{765, 12, 13, 12, 0, -12}, // 0x59 'Y'

{785, 10, 13, 11, 1, -12}, // 0x5A 'Z'

{802, 3, 17, 5, 1, -12}, // 0x5B '['

{809, 5, 13, 5, 0, -12}, // 0x5C '\'

{818, 3, 17, 5, 0, -12}, // 0x5D ']'

{825, 7, 7, 8, 1, -12}, // 0x5E '^'

{832, 10, 1, 10, 0, 3}, // 0x5F '\_'

{834, 4, 3, 5, 0, -12}, // 0x60 '`'

{836, 9, 10, 10, 1, -9}, // 0x61 'a'

{848, 9, 13, 10, 1, -12}, // 0x62 'b'

{863, 8, 10, 9, 1, -9}, // 0x63 'c'

{873, 8, 13, 10, 1, -12}, // 0x64 'd'

{886, 8, 10, 10, 1, -9}, // 0x65 'e'

{896, 4, 13, 5, 1, -12}, // 0x66 'f'

{903, 8, 14, 10, 1, -9}, // 0x67 'g'

{917, 8, 13, 10, 1, -12}, // 0x68 'h'

{930, 2, 13, 4, 1, -12}, // 0x69 'i'

{934, 4, 17, 4, 0, -12}, // 0x6A 'j'

{943, 9, 13, 9, 1, -12}, // 0x6B 'k'

{958, 2, 13, 4, 1, -12}, // 0x6C 'l'

{962, 13, 10, 15, 1, -9}, // 0x6D 'm'

{979, 8, 10, 10, 1, -9}, // 0x6E 'n'

{989, 8, 10, 10, 1, -9}, // 0x6F 'o'

{999, 9, 13, 10, 1, -9}, // 0x70 'p'

{1014, 8, 13, 10, 1, -9}, // 0x71 'q'

{1027, 5, 10, 6, 1, -9}, // 0x72 'r'

{1034, 8, 10, 9, 1, -9}, // 0x73 's'

{1044, 4, 12, 5, 1, -11}, // 0x74 't'

{1050, 8, 10, 10, 1, -9}, // 0x75 'u'

{1060, 9, 10, 9, 0, -9}, // 0x76 'v'

{1072, 13, 10, 13, 0, -9}, // 0x77 'w'

{1089, 8, 10, 9, 0, -9}, // 0x78 'x'

{1099, 9, 14, 9, 0, -9}, // 0x79 'y'

{1115, 7, 10, 9, 1, -9}, // 0x7A 'z'

{1124, 4, 17, 6, 1, -12}, // 0x7B '{'

{1133, 2, 17, 4, 2, -12}, // 0x7C '|'

{1138, 4, 17, 6, 1, -12}, // 0x7D '}'

{1147, 7, 3, 9, 1, -7}}; // 0x7E '~'

const GFXfont FreeSans9pt7b PROGMEM = {(uint8\_t \*)FreeSans9pt7bBitmaps,

(GFXglyph \*)FreeSans9pt7bGlyphs, 0x20,

0x7E, 22};

// Approx. 1822 bytes