#pragma once

#include <Adafruit\_GFX.h>

const uint8\_t FreeSerifItalic9pt7bBitmaps[] PROGMEM = {

0x11, 0x12, 0x22, 0x24, 0x40, 0x0C, 0xDE, 0xE5, 0x40, 0x04, 0x82, 0x20,

0x98, 0x24, 0x7F, 0xC4, 0x82, 0x23, 0xFC, 0x24, 0x11, 0x04, 0x83, 0x20,

0x1C, 0x1B, 0x99, 0x4D, 0x26, 0x81, 0xC0, 0x70, 0x1C, 0x13, 0x49, 0xA4,

0xDA, 0xC7, 0xC1, 0x00, 0x80, 0x1C, 0x61, 0xCF, 0x0E, 0x28, 0x30, 0xA0,

0xC5, 0x03, 0x34, 0xE7, 0xAE, 0x40, 0xB1, 0x05, 0x84, 0x26, 0x20, 0x99,

0x84, 0x3C, 0x03, 0x80, 0x6C, 0x06, 0xC0, 0x78, 0x06, 0x01, 0xEF, 0x66,

0x24, 0x24, 0xC3, 0x8C, 0x10, 0xE3, 0x87, 0xCE, 0xFA, 0x08, 0x21, 0x08,

0x61, 0x8C, 0x30, 0xC3, 0x0C, 0x30, 0x41, 0x02, 0x00, 0x10, 0x40, 0x82,

0x0C, 0x30, 0xC3, 0x0C, 0x61, 0x84, 0x21, 0x08, 0x00, 0x30, 0xCA, 0x5E,

0x6A, 0x93, 0x08, 0x08, 0x04, 0x02, 0x01, 0x0F, 0xF8, 0x40, 0x20, 0x10,

0x08, 0x00, 0x56, 0xF0, 0xF0, 0x03, 0x02, 0x06, 0x04, 0x08, 0x08, 0x10,

0x30, 0x20, 0x60, 0x40, 0xC0, 0x0E, 0x0C, 0x8C, 0x6C, 0x36, 0x1F, 0x0F,

0x07, 0x87, 0xC3, 0x61, 0xB1, 0x88, 0x83, 0x80, 0x04, 0x70, 0xC3, 0x08,

0x21, 0x86, 0x10, 0x43, 0x08, 0xF8, 0x1C, 0x67, 0x83, 0x03, 0x02, 0x06,

0x0C, 0x08, 0x10, 0x20, 0x42, 0xFC, 0x0F, 0x08, 0xC0, 0x60, 0xC1, 0xE0,

0x38, 0x0C, 0x06, 0x03, 0x01, 0x01, 0x1F, 0x00, 0x01, 0x01, 0x81, 0x41,

0x61, 0x21, 0x11, 0x18, 0x88, 0xFF, 0x02, 0x03, 0x01, 0x00, 0x0F, 0x84,

0x04, 0x03, 0x80, 0x60, 0x18, 0x0C, 0x06, 0x03, 0x03, 0x03, 0x1E, 0x00,

0x01, 0x83, 0x87, 0x07, 0x03, 0x03, 0x73, 0xCD, 0x86, 0xC3, 0x61, 0xB1,

0x88, 0xC3, 0xC0, 0x7F, 0x40, 0x80, 0x80, 0x40, 0x40, 0x60, 0x20, 0x20,

0x10, 0x10, 0x18, 0x08, 0x00, 0x1E, 0x19, 0xCC, 0x66, 0x33, 0xB0, 0xE0,

0x50, 0xCC, 0xC3, 0x61, 0xB0, 0xCC, 0xC3, 0xC0, 0x0E, 0x19, 0x8C, 0x6C,

0x36, 0x1B, 0x0D, 0x86, 0xE6, 0x3F, 0x03, 0x03, 0x06, 0x0C, 0x00, 0x33,

0x00, 0x00, 0xCC, 0x33, 0x00, 0x00, 0x44, 0x48, 0x01, 0x83, 0x86, 0x1C,

0x0C, 0x03, 0x80, 0x30, 0x07, 0x00, 0x80, 0xFF, 0x80, 0x00, 0x00, 0x0F,

0xF8, 0xC0, 0x1C, 0x03, 0x80, 0x70, 0x18, 0x38, 0x70, 0xC0, 0x80, 0x00,

0x3C, 0x8C, 0x18, 0x30, 0xC3, 0x0C, 0x20, 0x40, 0x80, 0x06, 0x00, 0x0F,

0xC0, 0xC3, 0x0C, 0x04, 0xC7, 0xBC, 0x64, 0xE2, 0x27, 0x31, 0x39, 0x91,

0xCC, 0x93, 0x3B, 0x0E, 0x00, 0x1F, 0x80, 0x01, 0x00, 0x60, 0x14, 0x04,

0xC0, 0x98, 0x23, 0x07, 0xE1, 0x04, 0x20, 0x88, 0x1B, 0x8F, 0x80, 0x3F,

0xC1, 0x8C, 0x21, 0x8C, 0x31, 0x8C, 0x3E, 0x04, 0x61, 0x86, 0x30, 0xC4,

0x19, 0x86, 0x7F, 0x80, 0x07, 0x91, 0x86, 0x30, 0x26, 0x02, 0x60, 0x0C,

0x00, 0xC0, 0x0C, 0x00, 0xC0, 0x0C, 0x00, 0x61, 0x83, 0xE0, 0x3F, 0xC0,

0x63, 0x82, 0x0C, 0x30, 0x31, 0x81, 0x8C, 0x0C, 0x40, 0x66, 0x07, 0x30,

0x31, 0x03, 0x18, 0x71, 0xFE, 0x00, 0x3F, 0xF0, 0xC2, 0x08, 0x21, 0x80,

0x19, 0x81, 0xF8, 0x11, 0x03, 0x10, 0x30, 0x02, 0x04, 0x60, 0x8F, 0xF8,

0x3F, 0xF0, 0xC2, 0x08, 0x21, 0x80, 0x19, 0x81, 0xF8, 0x11, 0x03, 0x10,

0x30, 0x02, 0x00, 0x60, 0x0F, 0x80, 0x07, 0x91, 0x87, 0x30, 0x26, 0x02,

0x60, 0x0C, 0x00, 0xC1, 0xFC, 0x0C, 0xC0, 0xCC, 0x0C, 0x60, 0x83, 0xF0,

0x3E, 0x3C, 0x30, 0x60, 0x81, 0x06, 0x0C, 0x18, 0x30, 0x7F, 0x81, 0x06,

0x0C, 0x18, 0x30, 0x60, 0x81, 0x06, 0x0C, 0x3C, 0x78, 0x1E, 0x18, 0x20,

0xC1, 0x83, 0x04, 0x18, 0x30, 0x41, 0x87, 0x80, 0x0F, 0x81, 0x80, 0x80,

0xC0, 0x60, 0x20, 0x30, 0x18, 0x0C, 0x04, 0x36, 0x1E, 0x00, 0x3E, 0x78,

0x61, 0x82, 0x10, 0x31, 0x01, 0xB0, 0x0E, 0x00, 0x58, 0x06, 0x60, 0x33,

0x01, 0x0C, 0x18, 0x61, 0xE7, 0xC0, 0x3E, 0x01, 0x80, 0x20, 0x0C, 0x01,

0x80, 0x30, 0x04, 0x01, 0x80, 0x30, 0x04, 0x0D, 0x83, 0x7F, 0xE0, 0x1C,

0x07, 0x0C, 0x0E, 0x0C, 0x14, 0x14, 0x1C, 0x14, 0x2C, 0x16, 0x4C, 0x26,

0x48, 0x26, 0x98, 0x27, 0x18, 0x27, 0x10, 0x42, 0x30, 0xF4, 0x7C, 0x38,

0x78, 0x60, 0x83, 0x04, 0x2C, 0x41, 0x22, 0x09, 0x10, 0x4D, 0x84, 0x28,

0x21, 0x41, 0x06, 0x10, 0x21, 0xE1, 0x00, 0x07, 0x83, 0x18, 0xC1, 0xB0,

0x36, 0x07, 0xC0, 0xF0, 0x3E, 0x06, 0xC0, 0xD8, 0x31, 0x8C, 0x1E, 0x00,

0x3F, 0xC1, 0x9C, 0x21, 0x8C, 0x31, 0x86, 0x31, 0x87, 0xE1, 0x80, 0x30,

0x04, 0x01, 0x80, 0x78, 0x00, 0x07, 0x83, 0x18, 0xC1, 0x98, 0x36, 0x07,

0xC0, 0xF0, 0x1E, 0x06, 0xC0, 0xD8, 0x31, 0x04, 0x13, 0x01, 0x80, 0x70,

0xB7, 0xE0, 0x3F, 0xC1, 0x8C, 0x21, 0x8C, 0x31, 0x8C, 0x3F, 0x04, 0xC1,

0x98, 0x31, 0x84, 0x31, 0x86, 0x78, 0x70, 0x1E, 0x4C, 0x63, 0x08, 0xC0,

0x38, 0x07, 0x00, 0x60, 0x0C, 0x43, 0x10, 0xC6, 0x62, 0x70, 0x7F, 0xE9,

0x8E, 0x31, 0x04, 0x01, 0x80, 0x30, 0x06, 0x00, 0x80, 0x30, 0x06, 0x00,

0x80, 0x7E, 0x00, 0x7C, 0xF3, 0x02, 0x30, 0x46, 0x04, 0x60, 0x46, 0x04,

0x40, 0x8C, 0x08, 0xC0, 0x8C, 0x10, 0xE3, 0x03, 0xC0, 0xF8, 0xEC, 0x0C,

0x81, 0x18, 0x43, 0x08, 0x62, 0x0C, 0x81, 0x90, 0x14, 0x03, 0x00, 0x60,

0x08, 0x00, 0xFB, 0xCE, 0x43, 0x0C, 0x86, 0x11, 0x8C, 0x43, 0x38, 0x86,

0xB2, 0x0D, 0x24, 0x1C, 0x50, 0x38, 0xA0, 0x21, 0x80, 0x42, 0x01, 0x04,

0x00, 0x3E, 0x71, 0x82, 0x0C, 0x40, 0xC8, 0x07, 0x00, 0x60, 0x06, 0x00,

0xB0, 0x13, 0x02, 0x18, 0x61, 0x8F, 0x3E, 0xF9, 0xC8, 0x23, 0x10, 0xC8,

0x34, 0x05, 0x01, 0x80, 0x40, 0x30, 0x0C, 0x03, 0x03, 0xE0, 0x3F, 0xE4,

0x19, 0x03, 0x00, 0xC0, 0x30, 0x0C, 0x03, 0x00, 0x40, 0x18, 0x06, 0x05,

0x81, 0x7F, 0xE0, 0x0E, 0x10, 0x20, 0x81, 0x02, 0x04, 0x10, 0x20, 0x40,

0x82, 0x04, 0x08, 0x1C, 0x00, 0x81, 0x04, 0x18, 0x20, 0xC1, 0x04, 0x08,

0x20, 0x41, 0x38, 0x20, 0x82, 0x08, 0x41, 0x04, 0x10, 0xC2, 0x08, 0x20,

0x8C, 0x00, 0x18, 0x18, 0x2C, 0x24, 0x46, 0x42, 0x83, 0xFF, 0x80, 0xD8,

0x80, 0x1F, 0x98, 0x98, 0x4C, 0x2C, 0x36, 0x33, 0x3A, 0xEE, 0x38, 0x08,

0x04, 0x02, 0x03, 0x71, 0xCC, 0xC6, 0xC3, 0x63, 0x21, 0x93, 0x8F, 0x00,

0x1F, 0x33, 0x60, 0xC0, 0xC0, 0xC0, 0xC4, 0x78, 0x01, 0x80, 0x40, 0x60,

0x20, 0xF1, 0x89, 0x8C, 0xC4, 0xC2, 0x63, 0x33, 0xAE, 0xE0, 0x0E, 0x65,

0x8B, 0x2F, 0x98, 0x31, 0x3C, 0x01, 0xE0, 0x40, 0x08, 0x02, 0x00, 0x40,

0x3E, 0x03, 0x00, 0x40, 0x08, 0x01, 0x00, 0x60, 0x0C, 0x01, 0x00, 0x20,

0x04, 0x01, 0x00, 0xC0, 0x00, 0x1E, 0x19, 0xD8, 0xCC, 0xE1, 0xC3, 0x01,

0xE0, 0xBC, 0x82, 0x41, 0x31, 0x0F, 0x00, 0x38, 0x08, 0x04, 0x02, 0x03,

0x39, 0x6C, 0xC6, 0x46, 0x63, 0x21, 0x11, 0xB8, 0xE0, 0x30, 0x00, 0xE2,

0x44, 0xC8, 0xCE, 0x06, 0x00, 0x00, 0x00, 0xC0, 0x83, 0x04, 0x08, 0x10,

0x60, 0x81, 0x02, 0x04, 0x70, 0x38, 0x10, 0x10, 0x10, 0x37, 0x22, 0x24,

0x38, 0x78, 0x48, 0x4D, 0xC6, 0x73, 0x32, 0x26, 0x64, 0x4C, 0xDE, 0x77,

0x39, 0x5E, 0xCC, 0xCC, 0xCE, 0x66, 0x62, 0x22, 0x11, 0x11, 0xB9, 0x8E,

0x77, 0x3B, 0x33, 0x62, 0x62, 0x42, 0x4D, 0xCE, 0x0F, 0x18, 0xD8, 0x7C,

0x3C, 0x3E, 0x1B, 0x18, 0xF0, 0x3B, 0x87, 0x31, 0x8C, 0x43, 0x31, 0x88,

0x62, 0x30, 0xF0, 0x60, 0x10, 0x04, 0x03, 0x80, 0x0F, 0x18, 0x98, 0x4C,

0x2C, 0x26, 0x33, 0x38, 0xEC, 0x04, 0x02, 0x03, 0x03, 0xC0, 0x76, 0x50,

0xC1, 0x06, 0x08, 0x10, 0x60, 0x1A, 0x6C, 0xC8, 0xC0, 0xD1, 0xB3, 0x5C,

0x23, 0xC8, 0xC4, 0x21, 0x18, 0xE0, 0xC3, 0x42, 0x42, 0xC6, 0x86, 0x8C,

0x9D, 0xEE, 0x62, 0xC4, 0x89, 0xA3, 0x47, 0x0C, 0x10, 0xE2, 0x2C, 0x44,

0xD8, 0x9D, 0x23, 0xA4, 0x65, 0x0C, 0xC1, 0x10, 0x19, 0x95, 0x43, 0x01,

0x80, 0xC0, 0xA0, 0x91, 0x8E, 0x70, 0x88, 0x46, 0x23, 0x20, 0x90, 0x50,

0x28, 0x18, 0x08, 0x08, 0x08, 0x18, 0x00, 0x3F, 0x42, 0x04, 0x08, 0x10,

0x20, 0x40, 0x72, 0x0E, 0x08, 0x61, 0x04, 0x30, 0x86, 0x08, 0x61, 0x04,

0x30, 0xC3, 0x8F, 0x00, 0xFF, 0xF0, 0x1E, 0x0C, 0x10, 0x20, 0xC1, 0x82,

0x04, 0x1C, 0x30, 0x40, 0x83, 0x04, 0x08, 0x20, 0x60, 0x99, 0x8E};

const GFXglyph FreeSerifItalic9pt7bGlyphs[] PROGMEM = {

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

{0, 4, 12, 6, 1, -11}, // 0x21 '!'

{6, 5, 4, 6, 3, -11}, // 0x22 '"'

{9, 10, 12, 9, 0, -11}, // 0x23 '#'

{24, 9, 15, 9, 1, -12}, // 0x24 '$'

{41, 14, 12, 15, 1, -11}, // 0x25 '%'

{62, 12, 12, 14, 1, -11}, // 0x26 '&'

{80, 2, 4, 4, 3, -11}, // 0x27 '''

{81, 6, 15, 6, 1, -11}, // 0x28 '('

{93, 6, 15, 6, 0, -11}, // 0x29 ')'

{105, 6, 8, 9, 3, -11}, // 0x2A '\*'

{111, 9, 9, 12, 1, -8}, // 0x2B '+'

{122, 2, 4, 5, 0, -1}, // 0x2C ','

{123, 4, 1, 6, 1, -3}, // 0x2D '-'

{124, 2, 2, 5, 0, -1}, // 0x2E '.'

{125, 8, 12, 5, 0, -11}, // 0x2F '/'

{137, 9, 13, 9, 1, -12}, // 0x30 '0'

{152, 6, 13, 9, 1, -12}, // 0x31 '1'

{162, 8, 12, 9, 1, -11}, // 0x32 '2'

{174, 9, 12, 9, 0, -11}, // 0x33 '3'

{188, 9, 12, 9, 0, -11}, // 0x34 '4'

{202, 9, 12, 9, 0, -11}, // 0x35 '5'

{216, 9, 13, 9, 1, -12}, // 0x36 '6'

{231, 9, 12, 9, 1, -11}, // 0x37 '7'

{245, 9, 13, 9, 1, -12}, // 0x38 '8'

{260, 9, 13, 9, 0, -12}, // 0x39 '9'

{275, 4, 8, 4, 1, -7}, // 0x3A ':'

{279, 4, 10, 4, 1, -7}, // 0x3B ';'

{284, 9, 9, 10, 1, -8}, // 0x3C '<'

{295, 9, 5, 12, 2, -6}, // 0x3D '='

{301, 9, 9, 10, 1, -8}, // 0x3E '>'

{312, 7, 12, 8, 2, -11}, // 0x3F '?'

{323, 13, 12, 14, 1, -11}, // 0x40 '@'

{343, 11, 11, 12, 0, -10}, // 0x41 'A'

{359, 11, 12, 11, 0, -11}, // 0x42 'B'

{376, 12, 12, 11, 1, -11}, // 0x43 'C'

{394, 13, 12, 13, 0, -11}, // 0x44 'D'

{414, 12, 12, 10, 0, -11}, // 0x45 'E'

{432, 12, 12, 10, 0, -11}, // 0x46 'F'

{450, 12, 12, 12, 1, -11}, // 0x47 'G'

{468, 14, 12, 13, 0, -11}, // 0x48 'H'

{489, 7, 12, 6, 0, -11}, // 0x49 'I'

{500, 9, 12, 8, 0, -11}, // 0x4A 'J'

{514, 13, 12, 12, 0, -11}, // 0x4B 'K'

{534, 11, 12, 10, 0, -11}, // 0x4C 'L'

{551, 16, 12, 15, 0, -11}, // 0x4D 'M'

{575, 13, 12, 12, 0, -11}, // 0x4E 'N'

{595, 11, 12, 12, 1, -11}, // 0x4F 'O'

{612, 11, 12, 10, 0, -11}, // 0x50 'P'

{629, 11, 15, 12, 1, -11}, // 0x51 'Q'

{650, 11, 12, 11, 0, -11}, // 0x52 'R'

{667, 10, 12, 8, 0, -11}, // 0x53 'S'

{682, 11, 12, 11, 2, -11}, // 0x54 'T'

{699, 12, 12, 13, 2, -11}, // 0x55 'U'

{717, 11, 12, 12, 2, -11}, // 0x56 'V'

{734, 15, 12, 16, 2, -11}, // 0x57 'W'

{757, 12, 12, 12, 0, -11}, // 0x58 'X'

{775, 10, 12, 11, 2, -11}, // 0x59 'Y'

{790, 11, 12, 10, 0, -11}, // 0x5A 'Z'

{807, 7, 15, 7, 0, -11}, // 0x5B '['

{821, 6, 12, 9, 2, -11}, // 0x5C '\'

{830, 6, 15, 7, 1, -11}, // 0x5D ']'

{842, 8, 7, 8, 0, -11}, // 0x5E '^'

{849, 9, 1, 9, 0, 2}, // 0x5F '\_'

{851, 3, 3, 5, 2, -11}, // 0x60 '`'

{853, 9, 8, 9, 0, -7}, // 0x61 'a'

{862, 9, 12, 9, 0, -11}, // 0x62 'b'

{876, 8, 8, 7, 0, -7}, // 0x63 'c'

{884, 9, 12, 9, 0, -11}, // 0x64 'd'

{898, 7, 8, 7, 0, -7}, // 0x65 'e'

{905, 11, 17, 8, -1, -12}, // 0x66 'f'

{929, 9, 12, 8, 0, -7}, // 0x67 'g'

{943, 9, 12, 9, 0, -11}, // 0x68 'h'

{957, 4, 12, 4, 1, -11}, // 0x69 'i'

{963, 7, 16, 5, -1, -11}, // 0x6A 'j'

{977, 8, 12, 8, 0, -11}, // 0x6B 'k'

{989, 4, 12, 5, 1, -11}, // 0x6C 'l'

{995, 13, 8, 13, 0, -7}, // 0x6D 'm'

{1008, 8, 8, 9, 0, -7}, // 0x6E 'n'

{1016, 9, 8, 9, 0, -7}, // 0x6F 'o'

{1025, 10, 12, 8, -1, -7}, // 0x70 'p'

{1040, 9, 12, 9, 0, -7}, // 0x71 'q'

{1054, 7, 8, 7, 0, -7}, // 0x72 'r'

{1061, 7, 8, 6, 0, -7}, // 0x73 's'

{1068, 5, 9, 4, 0, -8}, // 0x74 't'

{1074, 8, 8, 9, 1, -7}, // 0x75 'u'

{1082, 7, 8, 8, 1, -7}, // 0x76 'v'

{1089, 11, 8, 12, 1, -7}, // 0x77 'w'

{1100, 9, 8, 8, -1, -7}, // 0x78 'x'

{1109, 9, 12, 9, 0, -7}, // 0x79 'y'

{1123, 8, 9, 7, 0, -7}, // 0x7A 'z'

{1132, 6, 15, 7, 1, -11}, // 0x7B '{'

{1144, 1, 12, 5, 2, -11}, // 0x7C '|'

{1146, 7, 16, 7, 0, -12}, // 0x7D '}'

{1160, 8, 3, 10, 1, -5}}; // 0x7E '~'

const GFXfont FreeSerifItalic9pt7b PROGMEM = {

(uint8\_t \*)FreeSerifItalic9pt7bBitmaps,

(GFXglyph \*)FreeSerifItalic9pt7bGlyphs, 0x20, 0x7E, 22};

// Approx. 1835 bytes