/* EGG - The GIMP Toolkit
 * eggprintsettings.h: Print Settings
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 */

#include <math.h>
#include <pango/pangocairo.h>
#include <gtk/gtk.h>
#include "eggprint.h"
#include "testprintfileoperation.h"

gboolean
draw_page (EggPrintOperation *operation,
            EggPrintContext *context,
            int page_nrl)
{
    cairo_t *cr;
    PangoLayout *layout;
    PangoFontDescription *desc;

    if (page_nrl != 0)
        return FALSE;

    cr = egg_print_context_get_cairo (context);

    /* Draw a red rectangle, as wide as the paper inside the margins */
    cairo_set_source_rgb (cr, 1.0, 0, 0);
    cairo_rectangle (cr, 0, 0, egg_print_context_get_width (context), 50);
    cairo_fill (cr);

    /* Draw some lines */
    cairo_move_to (cr, 20, 10);
    cairo_line_to (cr, 40, 20);
    cairo_arc (cr, 60, 60, 20, 0, M_PI);
    cairo_line_to (cr, 80, 20);

    cairo_set_source_rgb (cr, 0, 0, 0);
    cairo_set_line_width (cr, 5);
    cairo_set_line_cap (cr, CAIRO_LINE_CAP_ROUND);
    cairo_set_line_join (cr, CAIRO_LINE_JOIN_ROUND);

    cairo_stroke (cr);

    /* Draw some text */
    layout = egg_print_context_create_layout (context);
    pango_layout_set_text (layout, "Hello World! Printing is easy", -1);
    desc = pango_font_description_from_string ("sans 28");
    pango_layout_set_font_description (layout, desc);
    pango_font_description_free (desc);

    cairo_move_to (cr, 30, 20);
    pango_cairo_layout_path (cr, layout);

    /* Font Outline */
    cairo_set_source_rgb (cr, 0.93, 1.0, 0.47);
cairo_set_line_width (cr, 0.5);
cairo_stroke_preserve (cr);

/* Font Fill */
cairo_set_source_rgb (cr, 0, 0.0, 1.0);
cairo_fill (cr);

g_object_unref (layout);

return TRUE;
}

int
main (int argc, char **argv)
{
EggPrintOperation *print;
TestPrintFileOperation *print_file;

gtk_init (&argc, &argv);

print = egg_print_operation_new ();
egg_print_operation_set_unit (print, EGG_UNIT_MM);
egg_print_operation_set_pdf_target (print, "test.pdf");

g_signal_connect (print, "draw_page", G_CALLBACK (draw_page), NULL);

egg_print_operation_run (print);

print_file = test_print_file_operation_new ("testprint.c");
test_print_file_operation_set_lines_per_page (print_file, 72);
egg_print_operation_set_pdf_target (EGG_PRINT_OPERATION (print_file), "test2.pdf");
egg_print_operation_run (EGG_PRINT_OPERATION (print_file));

return 0;
}