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# Report 0 - Session 6 - Time Profile of Everything
SharkProfileViewer
# Generated from the visible portion of the outline view
+ 6.6% fbCombineInU (swb)
| + 3.4% _cairo_image_surface_composite_trapezoids (swb)
| | + 3.4% _cairo_surface_composite_trapezoids (swb)
| | | + 3.4% cairo_clip_preserve (swb)
| | | | + 3.4% cairo_clip (swb)
| | | | | - 2.6% gdk_window_clear_backing_rect (swb)
| | | | | + 0.7% _gdk_gc_update_context (swb)
| | | | | + 0.7% get_cairo_context (swb)
| | | | | | + 0.7% gdk_pango_renderer_draw_glyphs (swb)
| | | | | | | + 0.7% pango_renderer_draw_glyphs (swb)
| | | | | | | | + 0.7% pango_renderer_draw_layout_line (swb)
| | | | | | | | | + 0.7% pango_renderer_draw_layout (swb)
| | | | | | | | | - 0.5% gtk_label_expose (swb)
| | | | | | | | | - 0.3% gtk_cell_view_expose (swb)
| | | | | | - 0.1% gtk_notebook_draw_tab (swb)
| + 3.2% _cairo_image_surface_composite (swb)
| | + 3.2% _cairo_surface_composite (swb)
| | | + 3.2% _cairo_clip_combine_to_surface (swb)
| | | | + 3.2% _create_composite_mask_pattern (swb)
| | | | | + 3.2% _cairo_gstate_clip_and_composite (swb)
| | | | | | + 2.9% _cairo_surface_clip_and_composite_trapezoids (swb)
| | | | | | | + 2.9% _cairo_surface_fill_path (swb)
| | | | | | | | + 2.9% _cairo_gstate_fill (swb)
| | | | | | | | | + 2.9% cairo_fill_preserve (swb)
| | | | | | | | | | + 2.9% cairo_fill (swb)
| | | | | | | | | | - 2.9% gdk_window_clear_backing_rect (swb)
| | | | | | | | | | + 0.3% _cairo_gstate_show_glyphs (swb)
| | | | | | | | | | + 0.3% cairo_show_glyphs (swb)
| | | | | | | | | | + 0.3% pango_cairo_renderer_draw_glyphs (swb)
| | | | | | | | | | + 0.3% pango_renderer_draw_glyphs (swb)
| | | | | | | | | | + 0.3% pango_cairo_show_glyph_string (swb)
| | | | | | | | | | + 0.3% pango_renderer_draw_glyphs (swb)
| | | | | | | | | | | + 0.3% pango_renderer_draw_layout_line (swb)
| | | | | | | | | | | | + 0.3% pango_renderer_draw_layout (swb)
| | | | | | | | | | | | - 0.2% gtk_label_expose (swb)
| | | | | | | | | | | | - 0.1% gtk_cell_view_expose (swb)
- 4.7% ml_set_interrupts_enabled (mach_kernel)
- 4.5% memcpy_nop_if_32bit (mach_kernel)
+ 3.8% fbFetch_a8 (swb)
| + 1.9% _cairo_image_surface_composite (swb)
| | + 1.9% _cairo_surface_composite (swb)
| | | + 1.9% _cairo_clip_combine_to_surface (swb)
| | | | + 1.9% _create_composite_mask_pattern (swb)
| | | | | + 1.9% _cairo_gstate_clip_and_composite (swb)
| | | | | | + 1.8% _cairo_surface_clip_and_composite_trapezoids (swb)
| | | | | | | + 1.8% _cairo_surface_fill_path (swb)
| | | | | | | | + 1.8% _cairo_gstate_fill (swb)
| | | | | | | | | + 1.8% cairo_fill_preserve (swb)
| | | | | | | | | | + 1.8% cairo_fill (swb)
| | | | | | | | | | - 1.8% gdk_window_clear_backing_rect (swb)
| | | | | | | | | | + 0.1% _cairo_gstate_show_glyphs (swb)
| | | | | | | | | | + 0.1% cairo_show_glyphs (swb)
| | | | | | | | | | | + 0.1% pango_cairo_renderer_draw_glyphs (swb)

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| | | | | | | | | + 0.1% pango_renderer_draw_layout_line (swb)
| | | | | | | | | + 0.1% pango_renderer_draw_layout (swb)
| | | | | | | | | + 0.1% pango_cairo_show_layout (swb)
| | | | | | | | | - 0.1% gtk_entry_expose (swb)
| | | + 0.1% _cairo_scaled_font_show_glyphs (swb)
| | | | + 0.1% _cairo_gstate_show_glyphs_draw_func (swb)
| | | | | + 0.1% _create_composite_mask_pattern (swb)
| | | | | + 0.1% _cairo_gstate_clip_and_composite (swb)
| | | | | + 0.1% _cairo_gstate_show_glyphs (swb)
| | | | | + 0.1% cairo_show_glyphs (swb)
| | | | | + 0.1% pango_cairo_renderer_draw_glyphs (swb)
| | | | | + 0.1% pango_renderer_draw_glyphs (swb)
| | | | | + 0.1% pango_cairo_show_glyph_string (swb)
| | | | | + 0.1% pango_renderer_draw_glyphs (swb)
| | | | | + 0.1% pango_renderer_draw_layout_line (swb)
| | | | | + 0.1% pango_renderer_draw_layout (swb)
| | | | | | | | | - 0.1% gtk_label_expose (swb)
| + 1.9% _cairo_image_surface_composite_trapezoids (swb)
| | + 1.9% _cairo_surface_composite_trapezoids (swb)
| | | + 1.9% cairo_clip_preserve (swb)
| | | | + 1.9% cairo_clip (swb)
| | | | | - 1.5% gdk_window_clear_backing_rect (swb)
| | | | | + 0.3% _gdk_gc_update_context (swb)
| | | | | + 0.3% get_cairo_context (swb)
| | | | | + 0.3% gdk_pango_renderer_draw_glyphs (swb)
| | | | | + 0.3% pango_renderer_draw_glyphs (swb)
| | | | | + 0.3% pango_renderer_draw_layout_line (swb)
| | | | | + 0.3% pango_renderer_draw_layout (swb)
| | | | | | | | | - 0.3% gtk_label_expose (swb)
| | | | | | | | | - 0.1% gtk_cell_view_expose (swb)
+ 3.5% fbRasterizeEdges (swb)
| + 3.5% fbRasterizeTrapezoid (swb)
| | + 3.5% _cairo_pixman_add_trapezoids (swb)
| | | + 3.5% _cairo_image_surface_composite_trapezoids (swb)
| | | | + 3.5% _cairo_surface_composite_trapezoids (swb)
| | | | | + 2.3% cairo_clip_preserve (swb)
| | | | | + 2.3% cairo_clip (swb)
| | | | | | | | | - 1.1% gdk_window_clear_backing_rect (swb)
| | | | | | | | | - 0.7% _gdk_gc_update_context (swb)
| | | | | | | | | + 0.3% draw_arrow (swb)
| | | | | | | | | - 0.3% gtk_arrow_expose (swb)
| | | | | | | | | + 0.1% _gtk_button_paint (swb)
| | | | | | | | | - 0.1% gtk_button_expose (swb)
| | | | | | | | | + 1.2% _composite_traps_draw_func (swb)
| | | | | | | | | + 1.2% _create_composite_mask_pattern (swb)
| | | | | | | | | + 1.2% _cairo_gstate_clip_and_composite (swb)
| | | | | | | | | + 1.2% _cairo_surface_clip_and_composite_trapezoids (swb)
| | | | | | | | | + 1.1% _cairo_surface_fill_path (swb)
| | | | | | | | | + 1.1% _cairo_gstate_fill (swb)
| | | | | | | | | + 1.1% cairo_fill_preserve (swb)
| | | | | | | | | + 1.1% cairo_fill (swb)
| | | | | | | | | | | - 1.0% gdk_window_clear_backing_rect (swb)
| | | | | | | | | | | + 0.1% draw_arrow (swb)
| | | | | | | | | | | - 0.1% gtk_arrow_expose (swb)
| | | | | | | | | | | + 0.1% _cairo_gstate_clip_and_composite_trapezoids (swb)

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| | | | | | | | | | + 0.1% _cairo_gstate_stroke (swb)
| | | | | | | | | | + 0.1% cairo_stroke_preserve (swb)
| | | | | | | | | | + 0.1% cairo_stroke (swb)
| | | | | | | | | | + 0.1% _gtk_button_paint (swb)
| | | | | | | | | | - 0.1% gtk_toggle_button_expose (swb)
| | | | | | | | | | - 0.1% gtk_button_expose (swb)
+ 3.3% fbCombineMaskU (swb)
| + 3.3% _cairo_image_surface_composite_trapezoids (swb)
| | + 3.3% _cairo_surface_composite_trapezoids (swb)
| | | + 3.3% cairo_clip_preserve (swb)
| | | | + 3.3% cairo_clip (swb)
| | | | | - 2.7% gdk_window_clear_backing_rect (swb)
| | | | | + 0.5% _gdk_gc_update_context (swb)
| | | | | + 0.5% get_cairo_context (swb)
| | | | | | - 0.4% gdk_pango_renderer_draw_glyphs (swb)
| | | | | | + 0.1% pango_renderer_draw_layout_line (swb)
| | | | | | | + 0.1% pango_renderer_draw_layout (swb)
| | | | | | | | - 0.1% gtk_label_expose (swb)
| | | | | | | | - 0.1% gtk_notebook_draw_tab (swb)
| + 0.1% _cairo_image_surface_composite (swb)
| | + 0.1% _cairo_surface_composite (swb)
| | | + 0.1% _cairo_scaled_font_show_glyphs (swb)
| | | | + 0.1% _cairo_gstate_show_glyphs_draw_func (swb)
| | | | + 0.1% _create_composite_mask_pattern (swb)
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| | | | | + 0.1% _cairo_gstate_show_glyphs (swb)
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| | | | | | | + 0.1% pango_cairo_renderer_draw_glyphs (swb)
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| | | | | | | + 0.1% pango_cairo_show_glyph_string (swb)
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| | | | | | | + 0.1% pango_renderer_draw_layout_line (swb)
| | | | | | | + 0.1% pango_renderer_draw_layout (swb)
| | | | | | | | - 0.1% gtk_label_expose (swb)
+ 2.9% fbCompositeSolidMask_nx8x8888 (swb)
| + 2.9% _cairo_pixman_composite (swb)
| | + 2.6% _cairo_pixman_composite (swb)
| | | + 2.6% _cairo_image_surface_composite (swb)
| | | | + 2.6% _cairo_surface_composite (swb)
| | | | | + 2.6% _cairo_gstate_clip_and_composite (swb)
| | | | | + 2.6% _cairo_surface_clip_and_composite_trapezoids (swb)
| | | | | + 2.6% _cairo_surface_fill_path (swb)
| | | | | | + 2.6% _cairo_gstate_fill (swb)
| | | | | | + 2.6% cairo_fill_preserve (swb)
| | | | | | + 2.6% cairo_fill (swb)
| | | | | | | - 2.6% gdk_window_clear_backing_rect (swb)
| | + 0.3% _cairo_image_surface_composite (swb)
| | | + 0.3% _cairo_surface_composite (swb)
| | | | + 0.3% _cairo_gstate_clip_and_composite (swb)
| | | | | + 0.2% _cairo_gstate_show_glyphs (swb)
| | | | | + 0.2% cairo_show_glyphs (swb)
| | | | | | + 0.2% pango_cairo_renderer_draw_glyphs (swb)
| | | | | | + 0.2% pango_renderer_draw_glyphs (swb)
| | | | | | | + 0.1% pango_cairo_show_glyph_string (swb)
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| | | | | | | + 0.1% pango_renderer_draw_layout_line (swb)

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| | | | | | | | | | | | | - 0.1% gtk_label_expose (swb)
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| | | | | | | | | | | | | + 0.1% pango_renderer_draw_layout (swb)
| | | | | | | | | | | | | - 0.1% gtk_cell_view_expose (swb)
| | | | | | | | | | | | | + 0.1% pango_renderer_draw_layout_line (swb)
| | | | | | | | | | | | | + 0.1% pango_renderer_draw_layout (swb)
| | | | | | | | | | | | | + 0.1% pango_cairo_show_layout (swb)
| | | | | | | | | | | | | - 0.1% gtk_entry_expose (swb)
| | | | | | | | | | | | | + 0.1% _cairo_surface_clip_and_composite_trapezoids (swb)
| | | | | | | | | | | | | + 0.1% _cairo_surface_fill_path (swb)
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| | | | | | | | | | | | | + 0.1% cairo_fill_preserve (swb)
| | | | | | | | | | | | | + 0.1% cairo_fill (swb)
| | | | | | | | | | | | | + 0.1% draw_arrow (swb)
| | | | | | | | | | | | | - 0.1% gtk_arrow_expose (swb)
- 2.7% ml_restore (mach_kernel)
+ 2.1% fbStore_a8 (swb)
| + 1.1% _cairo_image_surface_composite_trapezoids (swb)
| | + 1.1% _cairo_surface_composite_trapezoids (swb)
| | | + 1.1% cairo_clip_preserve (swb)
| | | | + 1.1% cairo_clip (swb)
| | | | - 0.9% gdk_window_clear_backing_rect (swb)
| | | | + 0.2% _gdk_gc_update_context (swb)
| | | | + 0.2% get_cairo_context (swb)
| | | | + 0.2% gdk_pango_renderer_draw_glyphs (swb)
| | | | + 0.2% pango_renderer_draw_glyphs (swb)
| | | | + 0.2% pango_renderer_draw_layout_line (swb)
| | | | + 0.2% pango_renderer_draw_layout (swb)
| | | | - 0.1% gtk_cell_view_expose (swb)
| | | | - 0.1% gtk_label_expose (swb)
| + 1.1% _cairo_image_surface_composite (swb)
| | + 1.1% _cairo_surface_composite (swb)
| | | + 0.9% _cairo_clip_combine_to_surface (swb)
| | | | + 0.9% _create_composite_mask_pattern (swb)
| | | | + 0.9% _cairo_gstate_clip_and_composite (swb)
| | | | + 0.9% _cairo_surface_clip_and_composite_trapezoids (swb)
| | | | + 0.9% _cairo_surface_fill_path (swb)
| | | | + 0.9% _cairo_gstate_fill (swb)
| | | | + 0.9% cairo_fill_preserve (swb)
| | | | + 0.9% cairo_fill (swb)
| | | | - 0.9% gdk_window_clear_backing_rect (swb)
| | | + 0.1% _cairo_scaled_font_show_glyphs (swb)
| | | | + 0.1% _cairo_gstate_show_glyphs_draw_func (swb)
| | | | + 0.1% _create_composite_mask_pattern (swb)
| | | | + 0.1% _cairo_gstate_clip_and_composite (swb)
| | | | + 0.1% _cairo_gstate_show_glyphs (swb)
| | | | + 0.1% cairo_show_glyphs (swb)
| | | | + 0.1% pango_cairo_renderer_draw_glyphs (swb)
| | | | + 0.1% pango_renderer_draw_glyphs (swb)
| | | | + 0.1% pango_cairo_show_glyph_string (swb)
| | | | + 0.1% pango_renderer_draw_glyphs (swb)
| | | | + 0.1% pango_renderer_draw_layout_line (swb)
| | | | + 0.1% pango_renderer_draw_layout (swb)
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- 1.7% szone_free (libSystem.B.dylib)
- 1.7% g_hash_table_lookup_node (swb)
- 1.5% szone_malloc (libSystem.B.dylib)
- 1.3% type_node_check_conformities_UorL (swb)
- 1.3% FcValueListPtrU (swb)
- 1.3% FcCacheBankToIndex (swb)
- 1.1% pthread_mutex_lock (libSystem.B.dylib)
- 1.1% __memcpy (commpage [libSystem.B.dylib])
- 1.0% FcCompareValueList (swb)
+ 0.9% fbFetchSolid (swb)
| + 0.8% _cairo_image_surface_composite_trapezoids (swb)
| | + 0.8% _cairo_surface_composite_trapezoids (swb)
| | | + 0.8% cairo_clip_preserve (swb)
| | | | + 0.8% cairo_clip (swb)
| | | | | - 0.6% gdk_window_clear_backing_rect (swb)
| | | | | - 0.2% _gdk_gc_update_context (swb)
| + 0.1% pixman_compositeGeneral (swb)
| | + 0.1% _cairo_image_surface_composite_trapezoids (swb)
| | | + 0.1% _cairo_surface_composite_trapezoids (swb)
| | | | + 0.1% cairo_clip_preserve (swb)
| | | | | + 0.1% cairo_clip (swb)
| | | | | | + 0.1% draw_arrow (swb)
| | | | | | | - 0.1% gtk_arrow_expose (swb)
| + 0.1% _cairo_image_surface_composite (swb)
| | + 0.1% _cairo_surface_composite (swb)
| | | + 0.1% _cairo_scaled_font_show_glyphs (swb)
| | | | + 0.1% _cairo_gstate_show_glyphs_draw_func (swb)
| | | | | + 0.1% _create_composite_mask_pattern (swb)
| | | | | | + 0.1% _cairo_gstate_clip_and_composite (swb)
| | | | | | | + 0.1% _cairo_gstate_show_glyphs (swb)
| | | | | | | | + 0.1% cairo_show_glyphs (swb)
| | | | | | | | | + 0.1% pango_cairo_renderer_draw_glyphs (swb)
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| | | | | | | | | | | + 0.1% pango_cairo_show_glyph_string (swb)
| | | | | | | | | | | | + 0.1% pango_renderer_draw_glyphs (swb)
| | | | | | | | | | | | | + 0.1% pango_renderer_draw_layout_line (swb)
| | | | | | | | | | | | | | + 0.1% pango_renderer_draw_layout (swb)
| | | | | | | | | | | | | | | - 0.1% gtk_label_expose (swb)
- 0.7% g_type_check_instance_is_a (swb)
- 0.7% __spin_lock (commpage [libSystem.B.dylib])
- 0.6% szone_size (libSystem.B.dylib)
- 0.6% soreceive (mach_kernel)
- 0.6% g_signal_emit_valist (swb)
  0.5% shandler (mach_kernel)
- 0.5% hw_rem_map (mach_kernel)
- 0.5% FcPatternEltU (swb)
- 0.5% vm_page_lookup (mach_kernel)
- 0.5% pthread_mutex_unlock (libSystem.B.dylib)
- 0.5% hw_add_map (mach_kernel)
- 0.5% g_atomic_int_compare_and_exchange (swb)
- 0.5% FcValueCanonicalize (swb)
- 0.4% vm_fault (mach_kernel)
- 0.4% szone_calloc (libSystem.B.dylib)
- 0.4% free (libSystem.B.dylib)
- 0.4% fbOver (swb)

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- 0.4% \_gtk\_style\_peek\_property\_value (swb)
- 0.3% signal\_emit\_unlocked\_R (swb)
- 0.3% malloc\_zone\_malloc (libSystem.B.dylib)
- 0.3% gtk\_widget\_style\_get\_valist (swb)
- 0.3% g\_type\_value\_table\_peek (swb)
- 0.3% g\_type\_instance\_get\_private (swb)
- 0.3% g\_object\_unref (swb)
- 0.3% FcSortCompare (swb)
- 0.3% FcDebug (swb)
- 0.3% FcCompare (swb)
- 0.3% FcCharSetIsSubset (swb)
- 0.3% current\_proc (mach\_kernel)
- 0.3% \_XFlushInt (libX11.6.dylib)
- 0.3% \_\_memset\_pattern (compage [libSystem.B.dylib])
- 0.3% vm\_map\_enter (mach\_kernel)
- 0.3% unix\_syscall (mach\_kernel)
- 0.3% tws\_traverse\_address\_hash\_list (mach\_kernel)
- 0.3% mutex\_lock (mach\_kernel)
- 0.3% lookup\_type\_node\_I (swb)
- 0.3% kqueue\_dealloc (mach\_kernel)
- 0.3% g\_object\_ref (swb)
- 0.3% g\_hash\_node\_destroy (swb)
- 0.3% FcStrCmpIgnoreCase (swb)
- 0.3% fbStore (swb)
- 0.3% copyin (mach\_kernel)
- 0.3% bsearch (libSystem.B.dylib)
- 0.3% \_XReply (libX11.6.dylib)
- 0.3% \_XReadPad (libX11.6.dylib)
- 0.3% \_cairo\_surface\_fill\_path (swb)
- 0.3% \_\_bzero (compage [libSystem.B.dylib])
- 0.2% vm\_map\_lookup\_locked (mach\_kernel)
- 0.2% vm\_map\_lookup\_entry (mach\_kernel)
- 0.2% strlen (libSystem.B.dylib)
- 0.2% soo\_write (mach\_kernel)
- 0.2% saveFP (swb)
- 0.2% pthread\_setspecific (libSystem.B.dylib)
- 0.2% ppc\_usimple\_lock (mach\_kernel)
- 0.2% param\_spec\_pool\_equals (swb)
- 0.2% memset (libSystem.B.dylib)
- 0.2% MapUserMemoryWindow (mach\_kernel)
- 0.2% mapping\_make (mach\_kernel)
- 0.2% kalloc\_canblock (mach\_kernel)
- 0.2% gtk\_widget\_get\_type (swb)
- 0.2% g\_object\_notify\_queue\_thaw (swb)
- 0.2% g\_datalist\_id\_get\_data (swb)
- 0.2% FcStrCmpIgnoreBlanksAndCase (swb)
- 0.2% FcStrCaseWalkerInit (swb)
- 0.2% FcCompareFamily (swb)
- 0.2% fbFetchTransformed (swb)
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