

Graphics Feature Status

- Canvas: **Software only, hardware acceleration unavailable**
- 3D CSS: **Hardware accelerated**
- Compositing: **Hardware accelerated on all pages and threaded**
- CSS Animation: **Accelerated and threaded**
- Flash 3D: **Hardware accelerated**
- Flash Stage3D: **Unavailable. Hardware acceleration unavailable**
- Flash Stage3D Baseline profile: **Unavailable. Hardware acceleration unavailable**
- Video: **Hardware accelerated**
- Video Decode: **Software only, hardware acceleration unavailable**
- Video Encode: **Hardware accelerated**
- WebGL: **Hardware accelerated**

Problems Detected

- Accelerated 2d canvas is unstable in Linux at the moment
- Stage3D is not supported on Linux: [129848](#)
- Accelerated video decode is unavailable on Mac and Linux: [137247](#), [133828](#)

Driver Bug Workarounds

- clear_alpha_in_readpixels
- clear_uniforms_before_first_program_use
- count_all_in_varyings_packing
- disable_ext_occlusion_query
- set_texture_filter_before_generating_mipmap

Version Information

Data exported	15/11/2014 02:35:47
Chrome version	Chrome/34.0.1847.116
Operating system	Linux 3.13.0-24-generic
Software rendering list version	7.1
Driver bug list version	4.1
ANGLE commit id	invalid-hash
2D graphics backend	Skia
Command Line Args	--disable-new-tab-first-run --enable-user-scripts --ppapi-flash-path=/usr/lib/pepperflashplugin-nonfree/libpepflashplayer.so --ppapi-flash-version=15.0.0.223 --enable-pinch --flag-switches-begin --flag-switches-end

Driver Information

Initialization time	244
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Sandboxed	true
GPU0	VENDOR = 0x8086, DEVICE= 0x2a02
Optimus	false
AMD switchable	false
Driver vendor	Mesa
Driver version	10.1.0
Driver date	
Pixel shader version	1.20
Vertex shader version	1.20
Machine model	
GL version	2.1
GL_VENDOR	Intel Open Source Technology Center
GL_RENDERER	Mesa DRI Intel(R) 965GM x86/MMX/SSE2
GL_VERSION	2.1 Mesa 10.1.0
	GL_ARB_multisample GL_EXT_abgr GL_EXT_bgra GL_EXT_blend_color GL_EXT_blend_minmax GL_EXT_blend_subtract GL_EXT_copy_texture GL_EXT_polygon_offset GL_EXT_subtexture GL_EXT_texture_object GL_EXT_vertex_array GL_EXT_compiled_vertex_array GL_EXT_texture GL_EXT_texture3D GL_IBM_rasterpos_clip GL_ARB_point_parameters GL_EXT_draw_range_elements GL_EXT_packed_pixels GL_EXT_point_parameters GL_EXT_rescale_normal GL_EXT_separate_specular_color GL_EXT_texture_edge_clamp GL_SGIS_generate_mipmap GL_SGIS_texture_border_clamp GL_SGIS_texture_edge_clamp GL_SGIS_texture_lod GL_ARB_framebuffer_sRGB GL_ARB_multitexture GL_EXT_framebuffer_sRGB GL_IBM_multimode_draw_arrays GL_IBM_texture_mirrored_repeat GL_3DFX_texture_compression_FXT1 GL_ARB_texture_cube_map GL_ARB_texture_env_add GL_ARB_transpose_matrix GL_EXT_blend_func_separate GL_EXT_fog_coord GL_EXT_multi_draw_arrays GL_EXT_secondary_color GL_EXT_texture_env_add GL_EXT_texture_filter_anisotropic GL_EXT_texture_lod_bias GL_INCR_blend_func_separate GL_NV_blend_square GL_NV_light_max_exponent GL_NV_texgen_reflection GL_NV_texture_env_combine4 GL_S3_s3tc GL_SUN_multi_draw_arrays GL_ARB_texture_border_clamp GL_ARB_texture_compression GL_EXT_framebuffer_object GL_EXT_texture_compression_s3tc GL_EXT_texture_env_combine GL_EXT_texture_env_dot3 GL_MESA_window_pos GL_NV_packed_depth_stencil GL_NV_texture_rectangle GL_ARB_depth_texture GL_ARB_occlusion_query GL_ARB_shadow GL_ARB_texture_env_combine GL_ARB_texture_env_crossbar GL_ARB_texture_env_dot3 GL_ARB_texture_mirrored_repeat GL_ARB_window_pos GL_ATI_envmap_bumpmap GL_EXT_stencil_two_side GL_EXT_texture_cube_map GL_NV_depth_clamp GL_APPLE_packed_pixels GL_APPLE_vertex_array_object GL_ARB_draw_buffers

binding version	1.4
Window system binding extensions	GLX_ARB_create_context GLX_ARB_create_context_profile GLX_ARB_create_context_robustness GLX_ARB_fbconfig_float GLX_ARB_framebuffer_sRGB GLX_ARB_multisample GLX_EXT_create_context_es2_profile GLX_EXT_framebuffer_sRGB GLX_EXT_import_context GLX_EXT_texture_from_pixmap GLX_EXT_visual_info GLX_EXT_visual_rating GLX_MESA_copy_sub_buffer GLX_OML_swap_method GLX_SGI_swap_control GLX_SGIS_multisample GLX_SGIX_fbconfig GLX_SGIX_pbuffer GLX_SGIX_visual_select_group GLX_INTEL_swap_event
Reset notification strategy	0x8252