

# Pepper API reference 2014

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## Pepper API for Samsung Smart TV

The Pepper API available on Samsung Smart TV 2014 bases on version 31 of NaCl toolchain. In the list below you can find supported:

[structures](#),

[enums](#),

[typedefs](#),

[macros](#)

and interfaces:

Interface	Notice
<a href="#">PPB_Audio</a>	
<a href="#">PPB_Audio_Callback</a>	
<a href="#">PPB_AudioConfig</a>	
<a href="#">PPB_Console</a>	
<a href="#">PPB_Core</a>	
<a href="#">PPB_File_IO</a>	
<a href="#">PPB_FileRef</a>	
<a href="#">PPB_FileSystem</a>	
<a href="#">PPB_Fullscreen</a>	Not supported in Samsung SmartTV Emulator.
<a href="#">PPB_Gamepad</a>	
<a href="#">PPB_Graphics2D</a>	
<a href="#">PPB_Graphics3D</a>	
<a href="#">PPB_HostResolver</a>	
<a href="#">PPB_ImageData</a>	
<a href="#">PPB_InputEvent</a>	
<a href="#">PPB_KeyboardInputEvent</a>	
<a href="#">PPB_MouseInputEvent</a>	

PPB_WheelInputEvent	
PPB_Instance	
PPB_MessageLoop	
PPB_Messaging	
PPB_MouseLock	
PPB_NetAddress	
PPB_OpenGLES2	<p>Some OpenGL extensions are supported on Samsung Smart TV devices but they are not supported on SmartTV Emulator:</p> <ul style="list-style-type: none"> <li>GL_EXT_read_format_bgra</li> <li>GL_EXT_texture_storage</li> <li>GL_EXT_occlusion_query_boolean</li> <li>GL_EXT_unpack_subimage</li> <li>EGL_KHR_config_attribs</li> <li>EGL_KHR_image</li> <li>EGL_KHR_image_base</li> <li>EGL_KHR_fence_sync</li> <li>EGL_ARM_wait_sync</li> <li>EGL_KHR_gl_texture_2D_image</li> <li>EGL_KHR_gl_renderbuffer_image</li> <li>EGL_KHR_gl_texture_cubemap_image</li> <li>EGL_KHR_image_pixmap</li> </ul>
PPB_OpenGLES2InstancedArrays	
PPB_OpenGLES2FramebufferBlit	
PPB_OpenGLES2FramebufferMultisample	
PPB_OpenGLES2ChromiumEnableFeature	
PPB_OpenGLES2ChromiumMapSub	
PPB_OpenGLES2Query	
PPB_TCPSocket	
PPB_UDPSocket	
PPB_URLLoader	
PPB_URLRequestInfo	
PPB_URLResponseInfo	
PPB_Var	
PPB_VarArray	
PPB_VarArrayBuffer	
PPB_VarDictionary	
PPB_View	
PPB_WebSocket	