

## X3D Application Stack: Presentation Layer Alternatives

<b>User Experience</b>	HTML5, CSS, JavaScript	Native GUI Application	XR headset, immersive displays
<b>3D Modeling</b>	X3D, ClassicVRML	glTF2, extensions	Import, conversion of numerous 3D formats
<b>Programming Libraries</b>	X3DOM, X_ITE	Castle Game Engine, FreeWrl, others	Web authoring tools and 3D translators
<b>3D Rendering</b>	WebGL, others	WebAudio, MIDI2, streaming formats	WebXR, others
<b>Hardware</b>	CPU and GPU	Visual Display, Spatial Sound	User Interaction Devices

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**X3D is interoperable with diverse technologies, providing multiple choices for developers.**