



Event Loop

- Remember that the sample program specifies a render function which is an event listener or callback function
 - Every program should have a render function
 - For a static application we need only execute the render function once
 - In a dynamic application, the render function can call itself recursively but each redrawing of the display must be triggered by an event
 - other callbacks will allow us to get input from the mouse and keyboard and work with menus, sliders, buttons and other types of input

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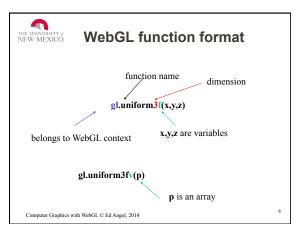


THE UNIVERSITY OF NEW MEXICO Lack of Object Orientation

- · All versions of OpenGL are not object oriented so that there are multiple functions for a given logical function
- Example: sending values to shaders
 - -gl.uniform3f
 - -gl.uniform2i

 - -gl.uniform3dv
- · Underlying storage mode is the same

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WebGL constants

- Most constants are defined in the WebGL context
 - In desktop OpenGL, they were in $\mbox{\tt\#include}$ files such as $\mbox{\tt gl.h}$
- Examples
 - desktop OpenGL
 - •glEnable(GL_DEPTH_TEST);
 - WebGL
 - •gl.enable(gl.DEPTH_TEST)
 - •gl.clear(gl.COLOR_BUFFER_BIT)

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