

WebGL

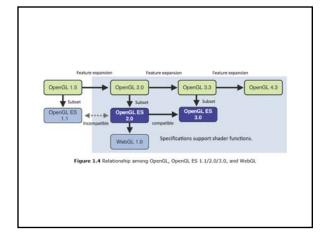
- JavaScript
 Vertex Shader

- Fragment Shader

 GLSL
 Event driven input HTML5
- GLSL
- + vector and Matrices basic types
- - Support
 Graphics functions
 Types, Operations in GLSL

WebGL

- DOM API
 - Creating 3D graphics in Web browser
- Based on OpenGL ES 2.0
- Use GLSL OpenGL Shading Language
- HTML
 - JavaScript infrastructur
 - Document Object Model (DOM)
- WebGL another rendering context on <canvas>
- Combines with HTML (and other web content) layered



Angel Common files

- webgl-utils.js: standard utilities from google to set up a webgl context
- MV.js: our matrix/vector package. Documentation on website
- initShaders.js: functions to initialize shaders in the html file
- initShaders2.js: functions to initialize shaders that are in separate files

