

COLLADA Web Viewer

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Background

Oregon State University: Computer Science

Senior Capstone Project

Proof of Mastery

Requirement for Bachelors Degree

Valuable Learning Experience

Special Thanks To:

Mentor: Remi Arnaud

Professor: Mike Bailey

3d Graphics Artist: Kyle Kendrick

Requirements

Implement cross domain collada web viewer that utilizes o3d technology to present a collada model inside a web browser.

- Ajax
- JavaScript
- PhP
- html
- CSS
- o3d

Current Progress

Host: Gitorious. gitorious.org/collada-web-viewer

Tracker: Google Code. code.google.com/p/collada-web-viewer

Support:

- Textures
- Transparency
- Triangle Meshes
- COLLADA common profile shaders

Able to view most COLLADA files

Demo

Insert link to our demo here

Future

- Support more of the COLLADA Spec
 - Polylists, quads, etc...
 - Animations
- Convert the web viewer to support WebGL
- Greater modular design
 - Easier to integrate into websites
 - Move interface into scene
- Wireframe and bump mapping

Get involved

View our website:

www.colladawebviewer.com/contactus

Twitter:

Facebook:

Email:

Questions?