

Joel Rausch
Christopher Jeffers
Eric Jensen
Group Number: May 12-11
Adviser: Simanta Mitra
Client: Siemens PLM Software

Weekly Report for 11/26/2012

Accomplishments of past week

This past week we worked individually gathering information on the different algorithms for the final draft of the design document.

Eric was working on a ray tracing implementation. He was measuring the time it takes to load and use the data structure backing his ray tracing algorithm.

Joel was using the QSplat source and binaries from Stanford to measure pre-processing times and looking for ways to scale the algorithm for current hardware.

Chris was looking at point cloud libraries which provide utilities that we need which are out of scope to develop ourselves. In addition, Chris sent an email to Siemens containing a few of our update documents.

Plan for coming week:

- 5 minute presentation in class on Tuesday.
- Meet to discuss work breakdown for final draft of the design document.
- Meet with 492 group for homework 4.

Pending issues:

We are waiting for Siemens to deliver a sample point cloud.

Individual contributions:

All - Contributed to individual research assignments.