Final Projects

- 441:
  - Your choice
    - Self-defined final project
  - 5 Project G projects

- 541:
  - Must do self-defined final project
If you attempted a self-defined final project and it didn’t work, then:

- Send me some evidence that you made it past the “thinking stage”
- If so, you can switch to Project G and do 4/6 of the projects (rather than 5/6) & get 25 points

Grading:

- 5/6 == 25 points (the expected score for final)
  - 6/6 still 25 points
- 4/6 == 20 points
- 3/6 == 15 points
Project presentations on Dec 9th @ 1015am

In this room! (not 220 Deschutes)

Do you have to give a presentation? --- no
  - But I assume that it is because you aren’t proud of your project

Do you have to attend? --- yes
  - whether or not you present
    - (support your colleagues)
  - -3 points if you do not attend
    - exceptions made by petition
  - I will take role
Submitting Final Projects

- Project G projects:
  - Submit screenshots and code

- Self-defined final projects:
  - Submit screenshots and code
Final grades (1/2)

- Things don’t quite add up 100
- 95 is expected value for 441
- 115 for 541
- Everything based on percentage: 90% == A-, etc
- Meaning:
  - 95*0.9 = 86.5 points for A- for 441
  - etc
Final grades (2/2)

- If:
  - you do a good final project
  - you complete all of Project 1 & 2 (working)

- Then: you will pass no matter what
  - no matter low score due to late submissions, poor midterm score, etc
Extra OH

- Happy to hold extra OH (weekend, next week)
- Who’s interested?
Large Scale Visualization with Cluster Computing

Linux Cluster Institute Workshop
October 1, 2004

Kenneth Moreland
Sandia National Laboratories
The Graphics Pipeline

Points
Lines
Polygons

Rendering Hardware

Geometric Processing
Translation
Lighting
Clipping

Rasterization
Polygon Filling
Interpolation
Texture Application
Hidden Surface Removal

Frame Buffer
Display
Parallel Graphics Pipelines
Sort First Parallel Rendering
Sort Middle Parallel Rendering
Sort Last Parallel Rendering

Sorting Network
Sort-First Bottleneck

- Polygon Sorter
- Polygon Sorter
- Polygon Sorter
- Polygon Sorter
- Network
- Renderer
- Renderer
- Renderer
- Renderer
- Blue boxes
Sort-Last Bottleneck

Renderer
Renderer
Renderer
Renderer

Composition Network
So which is best?
Course wrapup

- Thank you for a great term!!
- See you all in 1 week
  - & looking forward to seeing your final projects!