CS780/880 "Programming" Assignment 3
ParaView

October 8, 2014

This is an experiment. There will be an as yet undetermined number of tasks.

Part A due: Tuesday 23:59:59, October 14

The class period on Wednesday, October 15 will be devoted to an open discussion about your experiences and results.

Part A: Install ParaView

1. Go to http://www.paraview.org/download; download and install the binary ParaView software on your machine.

2. Go to http://www.paraview.org/Wiki/The_ParaView_Tutorial; download the data associated with the tutorial.

3. Scan through the tutorial for version 4.2 (the latest). Choose either volume rendering or flow visualization as your initial focus.

4. Choose a 3D data set from the sample data. Figure out how to load the data and browse through it, using the interactive features of ParaView.

5. Browse the web for another "real" data set that is not part of the ParaView tutorial data. There is a small set available from
http://www.bu.edu/tech/support/research/training-consulting/presentations/visualizationworkshop08/
but you can probably find others.

6. It's ok to work with others to get through this and I encourage the use of Piazza for questions and replies. I haven't used ParaView, so I won't be much help. If you do work with someone else, use different data sets so that each of you has a different experience and can learn more from each other.

7. Write a brief report describing your "experience". Did it install smoothly? If not, what went wrong? Specify your platform. Describe which data set you played with. Do some screen captures (export scene) to give a feeling for what you have done. I'm expecting that the written part of this should amount to a few pages at most, but the images (which should be identified with captions) will important evidence of what you have attempted to learn.

8. Identify a few of your images as ones that you might like to share with everyone else at our discussion on Wednesday.

Submission

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~cs880/submit P3 LastName-p3a.pdf LastName-p3a-fig1.jpg . . .
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where the trailing list can be either jpg or pdf and are images that you think may be of interest to all of us. More images should be included in the main document. Please follow the naming conventions.