Visualization - Lab 1

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1   First visualization

From the lecture and reading up on the internet it was evident that ISO-surfaces was a common way of visualizing volume. While exploring the Paraview filters the filter *IsoVolume* was found which, after some tweaking gave a good representation of the teapot. The achieved visualization can be seen in figure 1.
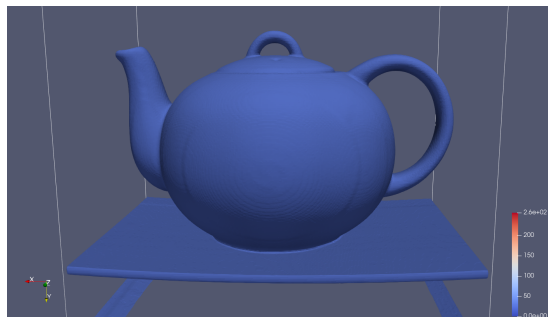

Figure 1: A visualization of the dataset using an iso-volume.

After playing around with the opacity of the achieved surface it was discovered that the teapot contained a lobster. To visualize this without losing the teapot a *Clip* filter was added
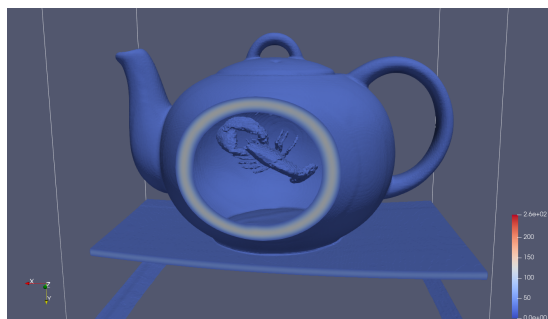

Figure 2: The same visualization as figure 1, but with an added clip to see the lobster inside.