Development of visualization tool for analysis of 3D simulation data

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Because of the rapid improvement of the performance of the computer hardware, large scale three dimensional simulations are becoming more and more performed, and we can get enomous numerical data. However, it is difficult to analyse these enomous data directly. Then, it is important to visualize it effectively and efficiently.

We have developed the visualization tool for analysis of these simulation data. This tool can be easily controled using GUI and have plug-in function. This plug-in function allowed us to easily add new visualization function which we newly developed and coded. This tool is develeped by C programming language for easy custmizing. We open its source to the public.

In this presentation, we introduce this tool, its plug-ins and results of study with this tool.