

Introduction and Future Plan of the Desktop Tool and Server for Data Management, Analysis and Visualization

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<http://www.gfd-dennou.org/arch/davis/gfdnavi/index.htm>

Size of numerical data which we handle is becoming larger explosively, because of rapid development of observation equipments for the earth or the planets and computers in recent years.

Nowadays tools which each researcher uses for analysis and visualization of data and servers which provide data completely independent.

Their functions are separated by the operation of downloading the data in the form of a file.

Although some of such servers have the functions for the analysis and visualization, most of them are very simplified,

and we are supposed to download the data and analyze and visualize by ourselves.

Additionally relation between the servers is poor.

In this study,

we developed a tool of new type, which contains processes from the data service on the network to use at an individual desktop.

As a result,

we can execute searching data and analyzing the data seamlessly, regardless of the place of the data.

In the near future,

adding scientific information to the numerical data and cross-use between the servers will be available.