

A GUI Software System for Visualization of N-body Simulations

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<http://yso.mtk.nao.ac.jp/~4d2u/>

Scientific visualization is useful for research, public relations and education. In the 4-Dimensional Digital Universe (4D2U) project (ACT-JST, PI:Kaifu Norio, NAOJ), we visualize the data of astronomical simulations and observations three-dimensionally using a VR(Virtual Reality) system. As a part of the 4D2U project, we are developing a GUI-based rendering system specialized for visualization of N-body simulation data, which we call JINDAIJI. JINDAIJI has many convenient functions such as snapshot interpolation and stereoscopic rendering.

JINDAIJI runs on Windows 2000/XP. It is now available on the 4D2U web page. Bug and test reports are welcome.