

Development of parallel solid earth simulation software: the connection to the simulation by tectonic CAD system

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We develop the systems for constructing the 3D computational model of tectonic structure. In this presentation, we especially explain an overview of the tectonic CAD system. The main purpose of the development of the tectonic CAD system is to offer the data for the tectonic simulation. The system constructs the 3D solid model of tectonic structure to connect to the mesh generator, which creates meshes consisting of hexahedral or tetrahedral elements.