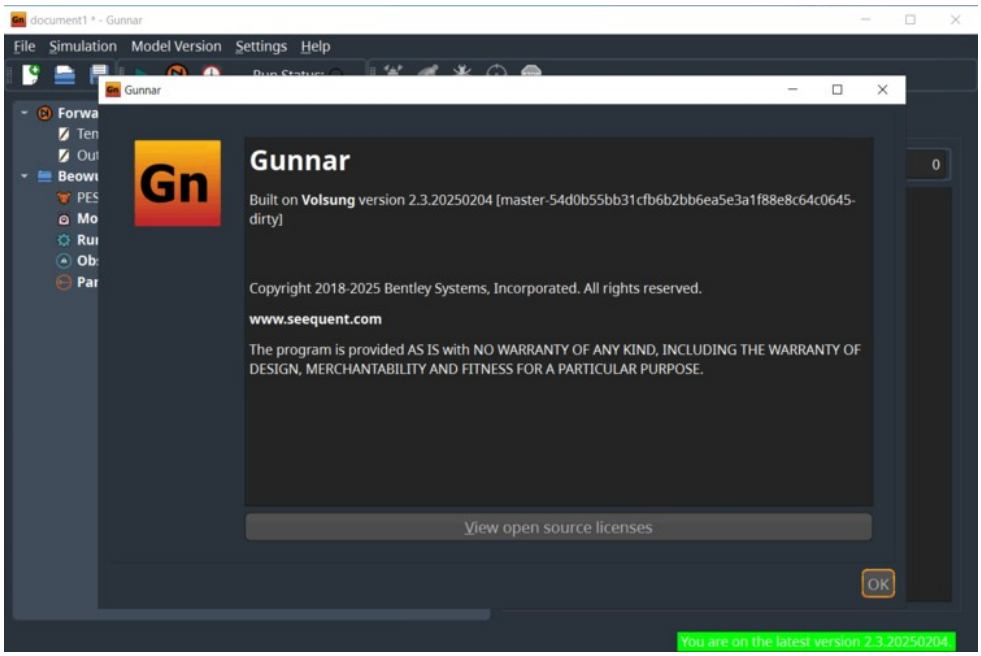
Bentley Seequent Volsung 2025 v2.3

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Use Seequent Volsung to optimize your geothermal asset management! Understand geothermal systems—from millidarcy reservoir rock permeability to megawatts of geothermal power—with integrated reservoir, well, and surface system modeling capabilities. Join us as we shape the future of geothermal energy. Volsung offers an integrated solution for comprehensive geothermal modeling and simulation, from subsurface to surface. Introducing Volsung, Seequent's advanced geothermal simulation software. Deliver unprecedented levels of resolution, ensure optimal system performance, and make data-driven decisions with confidence.

Volsung offers integrated reservoir, well and surface systems modeling tools as well as advanced capabilities such as microgranimetry and subsidence prediction, tracer material modeling, Monte Carlo analysis and cloud computing. Brynhild 3D Reservoir Visualization and Control provides a graphical interface for designing and running geothermal reservoir simulations and advanced 3D visualization functionality for interpreting model results. Key benefits include clear visualization to enable collaborative model development, simplified workflow from conceptual to numerical modeling, runtime control, grid-free tuning, TOUGH2 model import capability and Leapfrog Energy compatibility.

At the heart of Volsung is a powerful reservoir simulation engine that outperforms standard simulation tools in performance testing. Volsung uses mass and heat balance equations to reconstruct how fluids flow in rock formations. Through innovative use of GPU technology, the software reduces model development time and delivers faster simulations both locally and in the cloud.

Features and functions of the Seequent Volsung app:

Integrated modeling of reservoir, well and surface system.

Advanced capabilities such as microgranimetry and subsidence prediction.

Modeling of marker materials.

Monte Carlo analysis.

Cloud computing.

Brynhild 3D Reservoir Visualization and Control.

Tank simulation using material and heat balance equations.

Gudrun: Well modeling.

Automated model calibration tools.

Plumbing simulation.

所有软件资源 100%安全 已检测 无病毒 无篡改
去预览

标签

Volsung

Numerical analysis of pressure recovery curves.

Thermodynamic table.

版本列表

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