



Schlumberger

PetroMod* 11 1D^{Express}

Release Notes

23 April, 2009

PetroMod 1D^{Express} incorporates all of the fundamental, user-oriented benefits of the full *PetroMod 1D* software to offer users a stable, intuitive and easy-to-use 1D Basin and Petroleum Systems Modeling (BPSM) software package for building, simulating and viewing petroleum system models.

PetroMod 1D^{Express} has some limitations compared to the licensed *PetroMod 1D* as to the use of license-protected kinetics, special tools for salt movement, cementation etc., and access to PetroRisk.

With *PetroMod 1D^{Express}* you can view simulated 1D models (input and output) that have been generated with a licensed 1D version and you can view extractions from 2D and 3D models. Comparing different extractions/models is also quick and easy.

What is new in the new PetroMod 1D^{Express}?

- **User Interface** The newly designed structure of the user interface matches the other *PetroMod* input applications for a familiar “look & feel” with a tree-and-tab structure on the left and the main working area on the right. Users have complete power over the tree: folders and files can be added, rearranged, or deleted.
- **Input** The clear tree structure enables calibration wells to be easily added to a model, activated and deactivated for simulation.
- **Simulation** Simulation is started similar to 2D and 3D by setting simulator options first and then clicking a Run button. A simulation log provides details of the simulation.
- **Output** *PetroMod 1D^{Express}* comes with a predefined set of output plots: depth and time plots, and burial history. Additionally, new plots can be added, saved as new templates and organized in folders. Data shown in depth plots as lines (e.g. temperature) can be combined with overlays (e.g. maturity). It is also easy to compare the simulation output of several models either by viewing several parallel output windows, which you can arrange freely across the desktop, or by displaying the output of several models in one plot.

Documentation

Please refer to the PetroMod 1D Tutorial for workflow descriptions.

Installation

Installation is simple. Open the Installer package and click the **Setup** icon. The Installation Wizard will open automatically. Follow the Wizard.

Further Information

For further information, please contact petromod@slb.com.