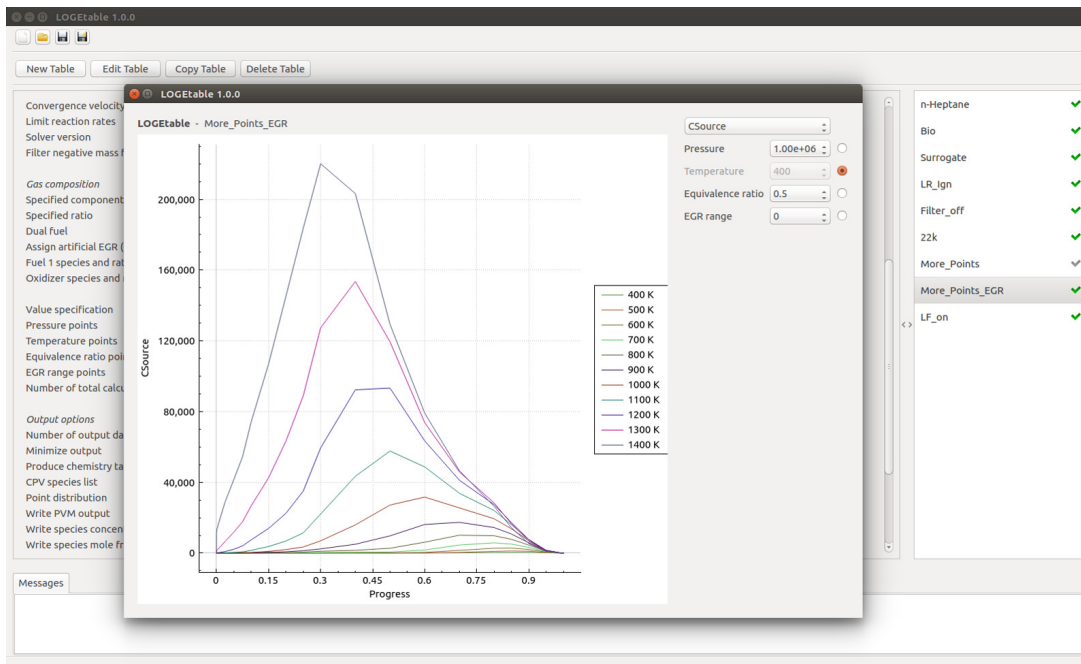# LOGEtable

An intuitive and user-friendly chemistry table generator.

LOGEtable is a tool specifically designed to ease generation of chemistry tables. Thanks to an intuitive and simple GUI, users can now generate auto-ignition tables using any reaction mechanism. LOGEtable can read any mechanism in standard format (ChemKin) as well as RedKin format.

LOGEtable integrates also the LOGEfuel database which allows all LOGEfuel licensed customers to seamlessly generate look-up tables using our latest and advanced reaction schemes. The auto-ignition tables are generated in CPV format which allows for direct usage of the tables in LOGEengine as well as in GT-Power and CONVERGE via the LOGEapi interfaces.

Supported platforms

- Windows 7, 8, 10 (64bit only)
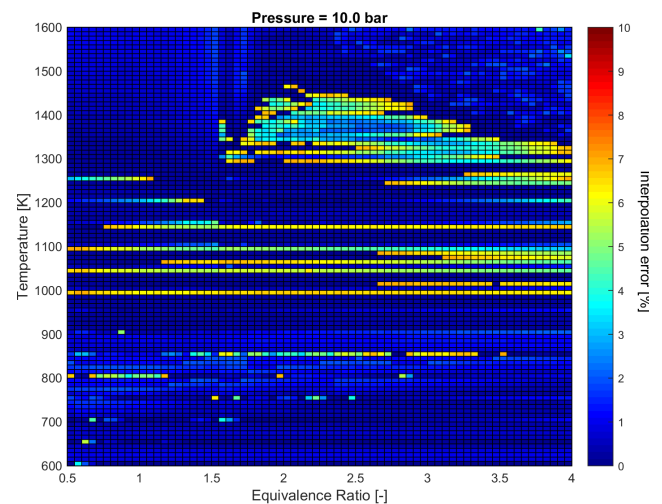- Linux RHEL 6+ (64bit only)
- Ubuntu 16.04 LTS and others

Table interpolation error maps obtained as Euclidean norm of errors between online chemistry solution and table retrieved solution at 10%, 50% and 90% of energy released for all points in (T, φ) space for 10 bar (source: SAE 2017-01-0512).