COMPUTER MODELLING GROUP LTD.

What's New in CMOST-AI

CMOST-AI

Intelligent Optimization & Analysis Tool

Version 2021.10

cmgl.ca

#FutureOfSimulation

New Features and Improvements

Improvements in CMOST

- Added cloud scheduler configuration file: CMGCloudConfig.json which sets default cloud scheduler to cloud 2.0.
- CMOST will handle Max run time per job in Simulation Settings page for cloud jobs and on premise jobs consistently. Essentially, CMOST will monitor job run time and send kill signals instead of passing max run time value to cloud.
- Able to submit MPI jobs to schedulers by adding “-mpi” in Additional Switches for schedulers that support MPI jobs.
- Able to type simulator version manually in Simulation Settings page. This would enable users to specify the exact version they want even if it is not installed in local computer. This is helpful if users have different versions installed on their local machines and remote schedulers.
- Able to define objective functions using tracer data. This makes it possible for tracer history matching.
- Changed default Number of Failed Jobs to Exclude an Experiment in Engine Settings page from 10 to 1.
- Fixed a bug in time series data filtering algorithm. The bug could cause the algorithm to fail when there is sudden oscillation in time series data.
- Fixed a bug in Export Proxy Model to Excel for RBF and Neural Network proxy. This fix makes this feature compatible with newer versions of Excel.
- Updated manual about installing Python. IronPython library is embedded in CMOST, so users can use Python in CMOST without the need to install Python.