SEAVEA toolkit components

EasyVVUQ is a Python-based framework to facilitate uncertainty quantification (UQ) and sensitivity analysis for a wide variety of simulations.

- Documentation
- GitHub: https://github.com/UCL-CCS/EasyVVUQ
- Interactive tutorials: Binder

FabSim3 is A Python-based automation toolkit for scientific simulation and data processing workflows.

- Documentation
- GitHub: https://github.com/djgroen/FabSim3

QCG-PilotJob is a Python service for easy execution of many tasks inside a single allocation.

- Documentation
- GitHub: https://github.com/psnc-qcg/QCG-PilotJob

EasySurrogate is a toolkit designed to facilitate the creation of surrogate models for multiscale simulations.

- GitHub: https://github.com/wedeling/EasySurrogate

is the Multiscale Coupling Library and Environment connecting multiple simulation models together into a multiscale simulation.

- Documentation
- GitHub: https://github.com/multiscale/muscle3

RADICAL-Cybertools is an abstractions-based suite of well-defined capabilities that are architected for scalable, interoperable and sustainable approaches to support science on a range of high-performance and distributed computing systems.

- Documentation
- GitHub: https://github.com/radical-cybertools

mogp_emulator is a Python package for fitting Gaussian Process Emulators to computer simulation results.

- Documentation
- GitHub: https://github.com/alan-turing-institute/mogp-emulator