

Coupling GAMA with OpenMole to easily explore agent-based models in HPC environment

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Abstract

The evolution of agent-based models makes them be more and more complex. This complexity makes them heavier and more complicated to calibrate and explore. The first point leads to use *high-performance computers* (HPC) and *computing grids*, the second one require new tools to easily handle a huge amount of model parameters to calibrate it over a huge number of simulations. This paper aims to show the integration of the GAMA Platform with one of these tools called *OpenMole*.

Additional material

- <https://openmole.org/>
- <https://openmole.org/GAMA.html>