An end-to-end parallel unstructured mesh generator.

Supports disparate and wide ranging geometry sources, e.g.
- CATIA, NX, Creo, STEP, IGES, Parasolid, STL, OBJ...

Supports a wide range of mesh output formats, e.g.
- CGNS, ANSYS MSH, Fieldview UNS, Metacomp CFD++

Internal, solver-aware cell quality metrics.

Can already create exa-scale ($10^{18}$) cell count meshes.

Runs as a client-server set-up with a lightweight GUI front end controlling a parallel meshing server on heterogeneous networks.

Runs in Linux or Windows - laptop, workstations, HPC clusters or the Cloud

Approx. 1.4Gb per million cells memory requirement

Typical benchmark speed around 0.015 million cells per min per core. Scalability is benchmarked for billions of cells on thousands of CPU cores.

Runs interactively in scripted batch mode - uses Lua language for scripting.