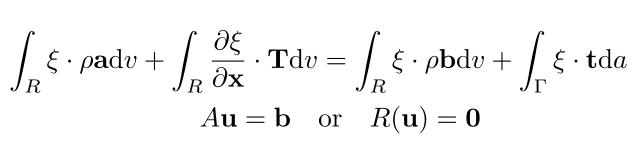
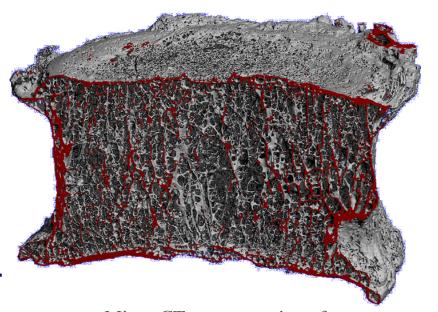


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- Bone Fracture
- Finite Element Method
- Degree of Freedom (10M~1B)
- TACC Stampede2
- Customized Customized Solver
- Parallel post-processing





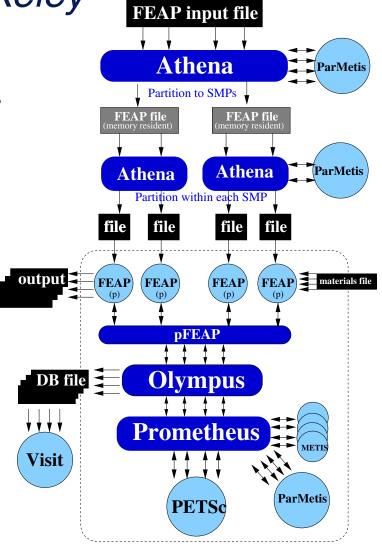
Micro-CT reconstruction of human vertebral body¹



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- Maintain the "fragile" solver
- Post-processing
 - Matlab / Python / R / Julia
- Visualization
 - Paraview / VisIt



Parallel finite element application¹