

Visualization has often been the thing that scientists performed last. After running costly computations on HPC systems their data would have to be downsized so that it could be processed on a desktop machine. As parallel computing has become more affordable users want to harness these systems to visualize their data without restraints. This means that the visualization software has also had to change to provide parallel computation. The University of Manchester has been developing the Parallel Support Toolkit (PST) for AVS/Express, AVS Inc.'s flagship visualization application development package, to provide a library of parallel computation methods and a framework for 3rd party developers. PST also integrates with the Multi-pipe version of AVS/Express (MPE) developed at Manchester for use with multi-display systems.