One of the most important outputs of the research carried out at BSC is software and applications. Our software ranges from programming models such as OmpSs and PyCOMPSs which help programmers to use massively parallel systems; to performance tools like Paraver and Dimemas which give insights into the behavior of applications running on these systems. Some of the most notable software provided by BSC includes: FLENS, which is a C++ library for linear algebra; OmpSs and PyCOMPSs for parallel programming; Paraver and Dimemas for performance analysis; and PELE for protein structure prediction. Most of BSC's software is Open Source and can be downloaded for free.

Software List

Barcelona Supercomputing Center - Centro Nacional de Supercomputación