Published on *BSC-CNS* (https://www.bsc.es)

BSC releases COMPSs version 2.0 at SC16

This new major release includes new features such as the integration with new persistent storage solutions, integration with the OmpSs programming model including support for heterogeneous devices (GPUs) and a new scheduling infrastructure.

https://www.bsc.es/news/bsc-news/bsc-releases-compss-version-20-sc16

COMPSs

Programming Framework

Programming Model

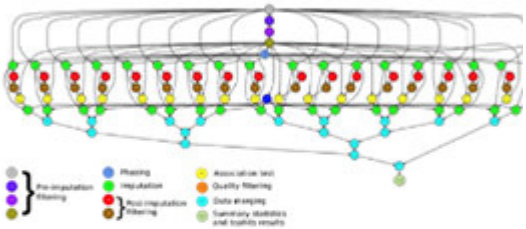
- Sequential programming model
- General purpose programming languages + annotations/hints
- Exploitation of implicit parallelism
- Automatic on-the-fly creation of a task dependency graph
- COMPSs workflows portable to HPC and Cloud without change

Runtime

- Parallelization of task execution
- Hybrid executions (Private+Public)
- Elastic management of resources
- Interoperability through standards
- Automatic selection of VM templates depending

Helping eScience

Since **2005** we help scientists from many disciplines to port their applications



http://compss.bsc.es