

Welcome to ALMOS Project

ALMOS (Advanced Locality Management Operating System) is a research operating system currently under development at the 2SoC department of the 2LIP6 Laboratory (2UPMC Sorbonne Universités). This new research operating system has been started from scratch and it is targeting cc-NUMA multi/many-cores. It is intended to investigate the scalability of the different components of an operating system on a current and future many-cores. ALMOS has been originally developed as a part of the TSAR 2MEDEA+ European project and its kernel allows a shared-memory parallel applications to scale up to +1024 cores on the 2TSAR (Tera-Scale ARchitecture) single-chip cc-NUMA many-core. Work is in progress to port ALMOS to AMD Opteron (Interlagos) 64-cores cc-NUMA machine.

PROJECT WEBSITE IS UNDER CONSTRUCTION