New generation of ATLAS production system was developed for Run 2 – **ProdSys2**
  – Improved resource utilization
  – New types of computing resources: HPC, Clouds
  – Improved usability and robustness

ProdSys2 includes several subsystems: Web UI, task definition (DEfT), job execution and definition (JEDI), monitoring (BigPanDA)

ProdSys2 is a workflow driven system and it’s used for dealing with the all variety of ATLAS activities
  – More than 250K cores used by simultaneously running jobs in the system