

Severus

A python wrapper for jobs in Grid

New features added

- Generalization of the main operations that job does:
 - copy software to WN
 - copy input files to WN
 - copy output files in the SE and register them in the LFC
 - copy log in SE and insert it in the DB
- The specific session module now only launches the executable with specific parameters

New features added

- Automatic recognition of the access type (lcg or direct) from the worker node to the SE of the site, implemented using lcg utils.
- Different modes to specify input files:
 - DIR: user provides the path of the directory that contains files to copy
 - FILE: user provides the path of the file to copy
 - LIST: user provides a list of pathes that are files to copy
 - NONE: input files aren't required

Status of art

- Production use case:
 - Fast simulation is implemented and jobs go done in about 75% of sites, in a few days the other 25% will be checked
 - Full simulation is in development, in about 2 weeks it will be done