

Support for Unicore resource discovery and job submission/management

The next generation ARC client library will offer support for discovering grid resource running Unicore middleware and to submit and manage grid jobs (basic functionality) at these resources. This writeup documents the present status of the Unicore support, what is missing and what is the work plan to implement the missing functionality.

Versions of Unicore supported

Text here about the supported versions

Status of ongoing work

Resource discovery

Resource discovery. Can we find all resources? Are there defaults in the config file? Can we get detailed information from the clusters?

Job submission and management

Can we submit jobs? Can we get jobs? Can we kill jobs?

Work to be done

I guess this section is to write once the present status is documented. Any dependencies? i.e. work that has to be done before others?

Work Plan

Assuming that the Unicore work can start fulltime again first week of May. How much time would be needed in order to finalize the work listed above in the work to be done section. What should be done first etc.