

Pre-GDB on CE Extensions

Intro to CE Implementations

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Questions to CE developers

- Question Zero: are you (CE developers) interested in developing / willing to develop this type of extensions?
- For which LRMS will this be feasible and supported?
- Which dependencies or opportunities are there, in terms for example of:
 - Know-how. E.g. you'd like to do it for SLURM but don't have big SLURM (or SGE, etc.) expertise yet
 - Integration. E.g. for CE's linked to the EMI project is EMI-ES relevant / useful?
 - Keep in mind time dependencies, though.
 - Development plans. How does it fit into your current planning? Is a formal request needed? Else?
 - Connection with other subsystems, e.g. accounting.
 - What do you need to give us an estimate of the time/effort it will take to analyze the problem, develop and test a solution?

CE Technologies

- Basic possible support for WN/MC jobs was reviewed by the WM TEG for CREAM, GRAM, ARC
- What is there and what is missing?
 - Some JDL attributes allowing resource requirements are sometimes supported (typically for MPI jobs)
 - E.g. how to specify WN, SMP granularity, number of CPUs.
 - How about min / max # of cores in the JDL?
 - How about total requested memory? Memory per-core? Can this be enforced and how?
 - SGE support? SLURM? Other LRMS?