

virtual machines over PBS

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Since PIC is supporting the data management of several scientific projects it is faced to requirements that might not be possible to enable in a homogeneous infrastructure. When looking for an alternative approach we have chosen to export the specific requirements into a virtualized environment. In order to minimize the impact to our physical computing infrastructure it was necessary to develop tools that could be incorporated into our native batch system. A first solution is already put in production and can provide almost completely arbitrary software environments in a transparent manner to the end-user.

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