

# Moab

## Is MDCS Mathworks needed to run Matlab jobs?

**Issue:** Is MDCS Mathworks needed to run Matlab jobs?

**Affected Versions:** All

### Symptom:

Prior to using a HCP scheduler you were able to submit jobs via Matlab to TORQUE. You are not longer able to do this and calling Mathworks. Mathworks have suggested you have to install MDCS on the cluster.

### Solution:

To run on a single node it is not necessary to install MDCS. Serial jobs need nothing. Multiple processes requires the Parallel Computing Toolbox on a single node (can parallelize loops, for example). Needs a local profile define

MDCS is only necessary for multi-node.

Unique solution ID: #1027

Author: Jason Booth

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