

DME CLU Quick Reference

To use DME CLU, refer to the following prerequisites:

- For all CLU users: [Getting Started with DME CLU](#)
- When using Globus: [Preparing to Use Globus](#)

The character limit for each metadata value is 2700.

The following table provides examples for some of the most commonly-used DME CLU commands:

Detailed Instructions	Example
Creating an Empty Collection via the CLU	<p>The following command creates a Project_New collection within the PI_Lab1 collection and applies to that new collection the metadata in the collection-metadata.json file:</p> <pre>dm_register_collection \$HPC_DM_UTILS/templates/collection-metadata.json /Test_Archive/PI_Lab1/Project_New</pre> <p>Replace the DME path (/Test_Archive/PI_Lab1/Project_New) with a DME path to which you have write access. The JSON file must contain metadata for the new collection, Project_New. If the parent collection, PI_Lab1, does not already exist, then the JSON file must also contain metadata for that collection.</p>
Registering a Data File via the CLU	<p>The following command registers the test.txt file from a test folder to the Project_New collection in DME:</p> <pre>dm_register_dataobject \$HPC_DM_UTILS/templates/dataobject-sync-metadata.json /Test_Archive/PI_Lab1/Project_New/test.txt \$HPC_DM_UTILS/test/test.txt</pre> <p>Replace the DME path (/Test_Archive/PI_Lab1/Project_New/test.txt) with a DME path to which you have write access.</p>
Downloading One or More Files via the CLU	<p>The following command downloads a sample.txt file from the Project_Orig collection in DME to a test folder:</p> <pre>dm_download_dataobject /Test_Archive/PI_Lab1/Project_Orig/sample.txt \$HPC_DM_UTILS/test</pre> <p>Replace the DME path (/Test_Archive/PI_Lab1/Project_Orig/sample.txt) with a DME path to which you have read access.</p>
Downloading One or More Collections via the CLU	<p>The following command downloads the Project_Orig collection in DME to a test folder:</p> <pre>dm_download_collection /Test_Archive/PI_Lab1/Project_Orig \$HPC_DM_UTILS/test</pre> <p>Replace the DME path (/Test_Archive/PI_Lab1/Project_Orig) with a DME path to which you have read access. The command creates a Project_Orig folder.</p>