**DME 1.26.0 Release Notes**

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| Version: 1.26.0  Date: June 4, 2020  ==============================================================  **Contents**  ==============================================================  1.0 DME Introduction  2.0 Release History  3.0 New Features and Updates  4.0 Bug Reports and Support  5.0 Documentation  6.0 References  ==============================================================  **1.0 DME Introduction**  ==============================================================  The NCI Data Management Environment (DME) offers open-ended storage and management of scientific research datasets. It eliminates the need to maintain redundant copies of large heterogenous data and provides the ability to annotate, retrieve, and share datasets for further research, analysis, and collaboration.  The NCI Data Vault serves as the archive store for these datasets. It provides scalable, virtualized, high-reliability storage that is transparent to the end user. Data are stored as objects, which are organized into collections (folders), and a collection might have one or more collections within it. A collection can be identified by a custom collection type such as Project, Study, Sample, and so on, the default being Folder.  DME provides an entry point to archive data to the NCI Data Vault, and to manage, transfer, access, and share data across disparate systems securely and efficiently. DME allows you to associate user-defined metadata to registered data at different points in the data life cycle. In addition, DME offers search capabilities to identify this data. A Division/Office/Center (DOC) can define its own metadata structure and data hierarchy rules, and grant permission to users as needed.  If you have an NIH account, the NCI Data Vault team can give you access to DME. For access requests or any other questions, contact [NCIDataVault@mail.nih.gov](mailto:NCIDataVault@mail.nih.gov).  ==============================================================  **2.0 Release History**  v1.0.0 - December 28, 2016  v1.1.0 - May 15, 2017  v1.2.0 - June 23, 2017  v1.3.0 - September 15, 2017  v1.4.0 - November 6, 2017  v1.5.0 - December 11, 2017  v1.6.0 - February 7, 2018  v1.7.0 – March 29, 2018  v1.7.1 – May 21, 2018  v1.7.2 - June 12, 2018  v1.7.3 - July 24, 2018  v1.8.0 - September 28, 2018  v1.9.0 – November 20, 2018  v1.10.0 – December 18, 2018  v1.11.0 – March 1, 2019  v1.12.0 – April 1, 2019  v1.13.0 – May 3, 2019  v1.14.0 – June 4, 2019  v1.15.0 – July 9, 2019  v1.16.0 – August 21, 2019  v1.17.0 – September 13, 2019  v1.18.0 – October 11, 2019  v1.19.0 – November 8, 2019  v1.20.0 – December 2, 2019  v1.21.0 – January 9, 2020  v1.22.0 – February 6, 2020  v1.23.0 – March 9, 2020  v1.24.0 – April 1, 2020  v1.25.0 – May 8, 2020  v1.26.0 – June 4, 2020  ==============================================================  **3.0 New Features and Updates**  ==============================================================  The following features, enhancements, and bug fixes have been incorporated in this release:  **Enhancements:**  HPCDATAMGM-701: Enhanced the *Add User Query* REST API to enable Group Administrators to setup a new named search query for a user. An error will be thrown if a query with the same name already exists. For details, refer to section 5.57 of the [DME API Specification](https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/guides/HPC_API_Specification.docx).  HPCDATAMGM-1292:Updated the *Find Collection by Compound Metadata Query* API to return the collection ID of ancestors in search results. This is in support of third party applications that require it to retrieve or process additional information. For details, refer to section 5.21 of the [DME API Specification](https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/guides/HPC_API_Specification.docx).  HPCDATAMGM-1008: Updated the DME Web Application to not permit the creation of a bookmark if one already exists for that collection. The web application will instead display the existing bookmark name. For details, see [Creating a Bookmark via the GUI.](https://wiki.nci.nih.gov/x/ygOYFg)  HPCDATAMGM-1294: Updated the *dm\_add\_bookmark* CLU to indicate error if a bookmark already exists for that collection. For details, refer to [Adding a Bookmark via the CLU](https://wiki.nci.nih.gov/x/ooheFw).  **Misc. Updates/Bug Fixes:**  HPCDATAMGM-1246, 1303: When synchronous download attempt fails in the DME web application or in the *dm\_download\_dataobject* CLU, indicate the error in an error file instead of the specified destination file.  HPCDATAMGM-1224: Added un-subscribe link in the DME email notifications sent to subscribed users. The link will take the users to the Notifications page on the Manage menu.  HPCDAMAMGM-1237: Fixed issue with CLU commands returning blank error messages for incorrectly formed input JSON files.  HPCDATAMGM-1293: Fixed issue with users being unable to add metadata to a data object or collection through the DME Web Application if no user metadata is associated with that collection/data object.  HPCDATAMGM-1299: Fixed issue with the Bulk Data Files Registration API requiring a forward slash ‘/’ in the *fileId* attribute of the input JSON file. For details on this API, refer to section 5.34 of the [DME API Specification](https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/guides/HPC_API_Specification.docx).  HPCDATAMGM-1018, 1260, and 1296: Fixed labels in Register Bulk and Manage Notifications pages. Updated header of all pages.   HPCDATAMGM-984: Replaced *dm\_download\_dataobject\_presigned* CLU command with *dm\_download\_dataobject* for consistency with *dm\_download\_collection*. The functionality will be the same as dm\_download\_dataobject\_presigned. That is, by default downloads of data archived in the S3 object stores will be performed through pre-signed URL. For details on this CLU, refer to [Downloading a Single File to Your File System via the CLU](https://wiki.nci.nih.gov/x/owRlGQ). HPCDATAMGM-1306: Fixed help links on the collection and data objects download pages on the DME web application.  **Operational/Performance Improvements:**  HPCDTAMGM-1165: Added REST API for system administrators to delete unused or test user account.  ==============================================================  **4.0 Bug Reports and Support**  ==============================================================  For issues, questions or suggestions, contact ncidatavault@nih.gov.  ==============================================================  **5.0 Documentation**  ==============================================================  For instructions on how to use the Web User Interface or Command Line Utilities (CLU), visit <https://wiki.nci.nih.gov/display/DMEdoc/DME+User+Guide>.  For details on the REST API, refer to the API Specification located at  <https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/guides/HPC_API_Specification.docx>.  Training related documentation and presentation is available at  <https://github.com/CBIIT/HPC_DME_APIs/tree/master/doc/training>.  ==============================================================  **6.0 Resources**  ==============================================================  The following URLs access web pages relevant to HPC DME.  DME User Guide  <https://wiki.nci.nih.gov/display/DMEdoc/DME+User+Guide>  HPC DME GitHub Home Page  <https://github.com/CBIIT/HPC_DME_APIs>  NCI HPC DME Agile JIRA Board Home Page:  <https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=244>  iRODS Open Source Data Management Software home page:  <https://irods.org/>  IBM Cleversafe Object Storage:  <https://www.ibm.com/cloud-computing/products/storage/object-storage/why-cos/> |
| Globus:  <https://www.globus.org> |