**HPC DME 1.10.0 Release Notes**

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| Version: 1.12.0  Date: April 1, 2019  ==============================================================  **Contents**  ==============================================================  1.0 HPC 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 HPC DME Introduction**  ==============================================================  The NCI Data Management Environment (DME) offers open-ended storage and management of large scientific research datasets. It provided capabilities for storing, managing, transferring and sharing data across different systems securely and efficiently. It eliminates the need to maintain redundant copies of data and provides the ability to annotate, retrieve, transfer and share datasets for further research, analysis, and collaboration.  Data are stored as objects, which are organized into collections (folders). A collection might have one or more sub-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 stores and associates user defined metadata with any registered data at different levels of the data life cycle, enabling the user to easily locate the data through enhanced search capabilities and download them from the archive. A Division/Office/Center (DOC) can define its own metadata structure and data hierarchy rules, and grant permission to users on a need-to-know basis.  ==============================================================  **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  ==============================================================  **3.0 New Features and Updates**  ==============================================================  The following features enhancements and bug fixes have been incorporated in this release:  **Enhancements:**  HPCDATAMGM-1057: Added ability to export search results in the GUI to an excel file. For additional information on how to use this feature in the GUI, please refer to the section Exporting Search Results via the GUI at <https://wiki.nci.nih.gov/display/DMEdoc/Exporting+Search+Results+via+the+GUI>  in the Wiki User Guide.  HPCDATAMGM-947: Added ability to browse directly to the requested collection path from the browse dialog. The user will not have to click through the hierarchy from the top level of the browse path anymore.  HPCDATAMGM-955: Collection bookmarks will now be automatically expanded to the requested collection in the browse menu when the bookmark is clicked. The user will not have to click through the hierarchy from the top level of the bookmark path anymore.  HPCDATAMGM-1000 : Added download column to the detailed results page on the search screen. Data can be downloaded from here as described in the Using Search Results section at <https://wiki.nci.nih.gov/display/DMEdoc/Using+Search+Results+and+Other+Lists> in the Wiki user guide.  **Bug Fixes:**  HPCDATAMGM-943: Fixed the navigation buttons on the search results screen. Removed the extra set below the table footer.  HPCDATAMGM-1001: Fixed issue with specifying page size in the search results screen. Five pages sizes are now available in the dropdown: 50, 100, 500, 1000, and 5000.  HPCDATAMGM-1019: Fixed error while creating or updating a user without base path from the GUI.  HPCDATAMGM-1058: Fixed issue with incorrect count of rows in a page being displayed in the search results screen (off by one).  HPCDATAMGM-1060: Fixed issue of dates in the download task status pages (Data Object Download Task Details page and the Data Objects (Collection) Download Task Details) showing GMT values.  HPCDATAMGM-1063: Fixed issue of time being displayed in 12 hour format without AM/PM in download and upload task status pages. This is now displayed in 24 hour format.  HPCDATAMGM-1024: Fixed placeholder message on login prompt to indicate NIH account.  **Operational/Performance Improvements:**  HPCDATAMGM-1064: Asynchronous bulk upload requests (i.e. requests from Globus or AWS S3) will now be resumed automatically after a DME server restart. The ensures that users do not need to resend registration requests that were in interrupted due to maintenance activity.  HPCDATAMGM-1054: If metadata was registered while obtaining an upload URL through an Upload URL request, and the user does not initiate the upload of the corresponding data object by the time the URL expires, the metadata will be removed automatically to avoid the case where we have orphaned metadata without a data object.  HPCDATAMGM-1062: Removed ability of Group Admin to delete data objects or collections. For deletion requests, please send email to ncidatavault@nih.gov.  ==============================================================  **4.0 Bug Reports and Support**  ==============================================================  For issues, questions or suggestions, please email ncidatavault@nih.gov  ==============================================================  **5.0 Documentation**  ==============================================================  For instructions on how to use the Web User Interface, please visit <https://wiki.nci.nih.gov/display/DMEdoc/DME+User+Guide>  For the CLU command usage instructions, please refer to the DME User Guide located at  <https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/guides/HPC_User_Guide.docx>  For details on the REST API, please 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 (for Web Interface only presently)  <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> |