**HPC DME 1.7.0 Release Notes**

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| Release Name: HPCDME-1.7.0  Version 1.7.0  March 29, 2018  ================================================================  **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 HPC DME, High Performance Computing Data Management Environment, is an adaptable and open ended data storage environment supporting storage and management of biomedical and informatics data, produced from various labs/systems. HPC DME provides capabilities for storing, managing, transferring and sharing data across different systems securely and efficiently.  Users can store data objects on HPC DME object archive, share and transfer their data such that they do not have to redistribute or maintain copies of the data on other systems. HPC DME stores and associates user defined metadata to any registered data at different levels of data life cycle, enabling the environment not only to help identify the data but also to enhance the search and download data files (from archive) capabilities.  ================================================================  **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  ================================================================  **3.0 New Features and Updates**  ================================================================  The following features enhancements and bug fixes have been incorporated in this release:  **Enhancements:**  **Web UI:**     * Bookmarks stored by the user will now be automatically displayed at the bottom of the collections and data files in the Browse page. * Percent complete and transfer speed will be displayed (and dynamically updated) during asynchronous uploads and downloads.  The Percent speed will be displayed as a progress bar after the actual data transfer has begun. * Icon hints will be displayed on the Collection and Data File Detail pages accessed through the Browse menu. The textual hints will appear while hovering over the icons. * The file name that is selected through the Browse button will now be added automatically to the Data File Path while registering a Data Object. The users can continue to manually edit the path. * Two new reports - *Collection Path Report* and *Collection Path Report By Date Range* have been added to display usage summary by collection path. These reports will be available within the Reports dropdown similar to the other reports. * Context sensitive help in the form of a help link has been added on the asynchronous download page.       **CLI/CLU:**   * Added commands to delete data file, and to recursively delete collections. For information on these commands, please refer to the HPC Data Management User Guide. * Aggregate file size will now be included as part of the information displayed for user confirmation during collection (or file list) registration.       **REST API:**     * Added REST services to delete data file, and to recursively delete collections.     **Bug Fixes**   * HPCDATAMGM-927 - Error when trying to browse data object by path through the browse dialog. * HPCDATAMGM-923 – Clicking on collection name takes the user to the Details page instead of performing folder drilldown.   ================================================================  **4.0 Bug Reports and Support**  ================================================================  The preferred approach is to first search the HPC Agile Board for your issue or feature enhancement if you have the access privilege (<https://tracker.nci.nih.gov/secure/RapidBoard.jspa?rapidView=244>).  When there is no entry in the JIRA Tracker, feel free to post your question to the Tracker.  Users are welcome to email their problem or feature request through email to: [HPC\_DME\_Admin@nih.gov](mailto:HPC_DME_Admin@nih.gov).  ================================================================  **5.0 Documentation**  ================================================================  The HPC DME Server API, User Guide, Admin Guide documentation, and related documentation can be found on the project's GitHub:  <https://github.com/CBIIT/HPC_DME_APIs/tree/master/doc/guides>  Training related documentation and presentation may be found on the following GitHub directory:  <https://github.com/CBIIT/HPC_DME_APIs/tree/master/doc/training>  ================================================================  **6.0 References**  ================================================================  The following URLs access web pages relevant to HPC DME.  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> |