**HPC DME 1.8.0 Release Notes**

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| Version: 1.8.0  Date: September 28, 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 management 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 the HPC DME object archive, and 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 with any registered data at different levels of data life cycle, enabling the user to easily locate the data through enhanced search capabilities and download them from the archive.  ================================================================  **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 12, 2018  ================================================================  **3.0 New Features and Updates**  ================================================================  The following features enhancements and bug fixes have been incorporated in this release:  **Enhancements:**  **Web UI:**  HPCDATAMGM-973 – Added ability to retry failed Globus transactions from the GUI though a Retry button on the Results page.  **CLI/CLU:**  HPCDATAMGM-953 – Added ability to archive files containing special characters in the file name with the exclusion of ***? ; \*** and *space*  Please note that this implementation does not override the Windows OS policies related to file naming conventions.  **REST API:**  HPCDATAMGM-990 – Added API to move/rename files and collections from one location to another within the archive. For details on how to use this API, please refer to the [HPC API Specification](https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/guides/HPC_API_Specification.docx)  **Bug Fixes:**  HPCDATAMGM-966 – Unable to unsubscribe from all notifications, there is always one remaining.  HPCDATAMGM-909 – Request for pre-signed URL for downloading files from POSIX based storage does not display error.  HPCDATAMGM-987 – Collections of incorrect type are created under DOC (in violation of the configured data hierarchy rules) even though the correct error message is displayed.  HPCDATAGMM-993: - Data retrieval query times out frequently for wildcard search on collection attributes.  ================================================================  **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> |