**HPC DME 1.2.0 Release Notes**

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| Release Name: HPCDME-1.2.0  Version 1.2.0  June 23, 2017  ================================================================                              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 lab or clinical 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  ================================================================                        3.0 New Features and Updates  ================================================================  This release had made several API, Web UI, Client Utility improvements and bug fixes.  Features:   * **Bookmarks**: Convenient way to bookmark interested collections so that users can easily navigate to interested collection and its children. Users can add, delete bookmarks to and from their profile. * **Delete a data object**: Users can delete an object. Only users with OWN permission can do delete action. * **DOC Based data store vault**: Each division/center can now be configured to use their own Cleversafe / S3 vault as the data store. By default, all the data is stored in central Cleversafe object store. * **Browse**: Improved browse performance. Also, users can browse a collection path. * **Client utilities**: Added convenient utilities to register data objects from a Globus endpoint folder or from a local folder. The utility will recursively register all data files with basic metadata. * **Email notification:**  Generate email notification to System Admin on HTTP 500 errors. Supports System Admin configuration.   Issues:   * [HPCDATAMGM-802](https://tracker.nci.nih.gov/browse/HPCDATAMGM-802) – Total count on last page of data objects * [HPCDATAMGM-792](https://tracker.nci.nih.gov/browse/HPCDATAMGM-792) - Group name validation * [HPCDATAMGM-736](https://tracker.nci.nih.gov/browse/HPCDATAMGM-736) - Case insensitive search by default * [HPCDATAMGM-770](https://tracker.nci.nih.gov/browse/HPCDATAMGM-770) - Refresh button on Browse * [HPCDATAMGM-709](https://tracker.nci.nih.gov/browse/HPCDATAMGM-709) - Get Permissions * [HPCDATAMGM-690](https://tracker.nci.nih.gov/browse/HPCDATAMGM-690) - Get User notifications * [HPCDATAMGM-644](https://tracker.nci.nih.gov/browse/HPCDATAMGM-644) - Registration notification to collection owner(s) * [HPCDATAMGM-725](https://tracker.nci.nih.gov/browse/HPCDATAMGM-725) - Last Updated not shown the correct date/time stamp after metadata update * [HPCDATAMGM-608](https://tracker.nci.nih.gov/browse/HPCDATAMGM-608) - Data transfer status report * [HPCDATAMGM-777](https://tracker.nci.nih.gov/browse/HPCDATAMGM-777) - Web UI search limits returned result to 100 * [HPCDATAMGM-775](https://tracker.nci.nih.gov/browse/HPCDATAMGM-775) - Set folder icon on every collection * [HPCDATAMGM-696](https://tracker.nci.nih.gov/browse/HPCDATAMGM-696) - Search by level label * [HPCDATAMGM-690](https://tracker.nci.nih.gov/browse/HPCDATAMGM-690) - Get User notifications * [HPCDATAMGM-720](https://tracker.nci.nih.gov/browse/HPCDATAMGM-720) - Web UI - Download synchronously * [HPCDATAMGM-732](https://tracker.nci.nih.gov/browse/HPCDATAMGM-732) - Search by metadata value   Additional details about these supported features and use scenarios for HPC DME release can be found at HPC DME General Training on the project GitHub:  <https://github.com/CBIIT/HPC_DME_APIs/blob/master/doc/training/HPC_DME_General_Training.docx>  ================================================================                     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/> |
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