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| **Predictive Oncology Model and Data Clearinghouse (**[**MoDaC**](https://modac.cancer.gov/)**) Release Notes**  Release 1.4: March 24, 2021   * Support for API tokens: Tokens can now be used instead of username and password in REST API calls. A new API has been added to perform authentication with username and password, and return a token to be used in subsequent API calls. The duration of the token is presently set to 3 months. * Asset Details page enhancements: The Asset Details screen has been enhanced as follows:   + Enabled clearing of optional and user defined metadata.   + Enabled quotes and double quotes to be included in metadata values.   + Consolidated the user and system metadata into a single table.   + Provided an informational message (for users who are not logged in) indicating that to download data, sign-in is required. * Update Access Group dialog enhancement: This was redesigned to do away with the error message that was displayed on incorrect group selection. Only the groups that can be added for access will now be displayed to the user for selection. * Task Status page updates: Updated the Task Status page to display the task creation and task completion dates in separate columns. Also updated error messages to make them more informative. * Swagger documentation: The existing API word document has been replaced with online Swagger documentation. This is available from within the MoDaC landing page at   [https://modac.cancer.gov/swagger-ui/index.html?urls.primaryName=api-docs#](https://modac.cancer.gov/swagger-ui/index.html?urls.primaryName=api-docs)  Release 1.3: January 28, 2021   * Public REST API: Users will now be able to download, upload and search Datasets and Models using REST APIs. Specifically, REST APIs are available for the following:   + Download a file from ModaC to the local file system, Globus endpoint or AWS S3 bucket.   + Download a collection (e.g. all Dataset or Model files) from MoDaC to the Globus endpoint or AWS bucket.   + Obtain the presigned URL for a file in MoDaC. The file can then be downloaded using the wget command.   + Create a Program, Study or Asset in MoDaC.   + Upload a file from the local file system, Globus endpoint, or AWS S3 bucket.   + Obtain all hierarchial metadata for a file.   + Obtain all hierarchial metatadata for a Program, Study or Asset (and optionally list its child collections and files).   + Search for a file by compound metadata query.   + Search for a collection by compound metadata query.   The API Specification is located at  <https://github.com/CBIIT/nci-doe-data-sharing/blob/master/doc/MoDaC_API_Specification.docx>   * Separation of Datasets and Models: The ‘Dataset’ collection has been replaced with ‘Asset’ collection. Users will be prompted to select ‘Dataset’ or ‘Model’ as the type while creating an Asset, so that the appropriate metadata structure can be associated with it. * Display of Asset paths and File paths: The path of an Asset in MoDaC will now be visible on the Asset Details page. This can be used to download the contents of the Asset programmatically through the REST API. The path of each file within the Asset can also be obtained now through the ‘Copy File Path’ in the *Action* column of the Files Table. * Support for Return key in search box: The Return key can now be used to initiate a keyboard search. This will behave identical to the Search button. If no keyword is specified, then all the Models and Datasets will be displayed. * Sorting in Files Table: The *File Name* and *File Size* columns in the Files Table are now sortable.   Release 1.2: December 2, 2020   * Google Drive support: Users will now be able to upload datasets from or download datasets to their Google Drive accounts (in addition to Globus endpoints and AWS S3 buckets). For details, refer to [Downloading to Google Drive](https://wiki.nci.nih.gov/x/_QhyGg) and [Uploading from Google Drive](https://wiki.nci.nih.gov/x/_whyGg). * Metadata export enhancement: Users will be able to optionally download the parent collection metadata as part of the file metadata while exporting these into an excel spreadsheet. For details, refer to [Downloading Metadata for a Dataset](https://wiki.nci.nih.gov/x/aoY7Gg) * Link in password reset request email: Updated the Password Reset Request email to provide link to MoDaC for logging in. For details on how to change or reset your password, refer to [Changing Your Password](https://wiki.nci.nih.gov/x/jgLgGQ) * Search button enhancement: All datasets in the repository will be displayed when the Search button is pressed with no keyword in the associated text field. * Status tab improvement: The program and study identifier information for an uploaded or downloaded dataset will be displayed if you click the information icons in the Task Status table. For details, refer to [Viewing Download or Upload Status](https://wiki.nci.nih.gov/x/uALgGQ).   Release 1.1: September 29, 2020   * Added support for integration with external search tools: Datasets residing in MoDaC can now be accessed from the DOE Data Explorer and other search tools through URLs unique to each dataset. Two types of URLs are available:   + URL specifying the value of the *dme\_data\_id* metadata attribute, which is a unique identifier internally generated by the system. The format is:   **https://modac.cancer.gov/searchTab?dme\_data\_id=<metadata value>**  e.g.  **https://modac.cancer.gov/searchTab?dme\_data\_id=NCI-DME-MS01-5103499**  This URL can be obtained from the search results page where it is displayed against each matched dataset as a *Shareable link*. For details, refer to [Using Search Results](https://wiki.nci.nih.gov/x/lgLgGQ)   * + URL specifying the Digital Object Identifier (DOI) for that dataset (if available). The format is:   **https://modac.cancer.gov/searchTab?doi=<DOI value>**  The value of the DOI (if supplied) is stored as a user metadata attribute of the dataset and be obtained from the Dataset Details page. For additional information, refer to [Exploring Details of a Dataset](https://wiki.nci.nih.gov/x/mALgGQ)     * Expanded keyword search: The keyword search is now expanded to include search of file level metadata (in addition to collection level metadata). For details on using the keyword search, refer to [Searching for Data by Keyword](https://wiki.nci.nih.gov/x/kwLgGQ). * Added metadata export capability: Users can now download the metadata associated with one or more files in a dataset by exporting these into an excel spreadsheet. For details, refer to [Downloading Metadata for a Dataset](https://wiki.nci.nih.gov/x/aoY7Gg) * Enhanced the Search Results screen: Added tooltips to display additional information about the matched collections in the search results screen, as well as to edit metadata and access groups (if appropriately permissioned). * Added timestamps on the Status screen: Added timestamps to the start and completion dates for upload and download transactions.   Release 1.0: July 31, 2020  Initial release.  ==============================================================  For issues, questions or suggestions, contact modac-support@nih.gov. |
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