



11

BRICS USER GUIDE

Download Tool



CHAPTER 11 – Download Tool

The **Download Tool** is available within the Data Repository module. The Data Repository users can download selected datasets from the Data Repository or from the Query Tool to their computer. The Download Tool is currently available to users in a JavaScript version that will launch within the website.

11.1 Module Input and Output

Module Input: Data selected through the **Data Repository** and/or the **Query Tool** modules.

Module Output: Data downloaded to your computer.

11.2 Running the Data Download Tool

To run the **Download Tool**:

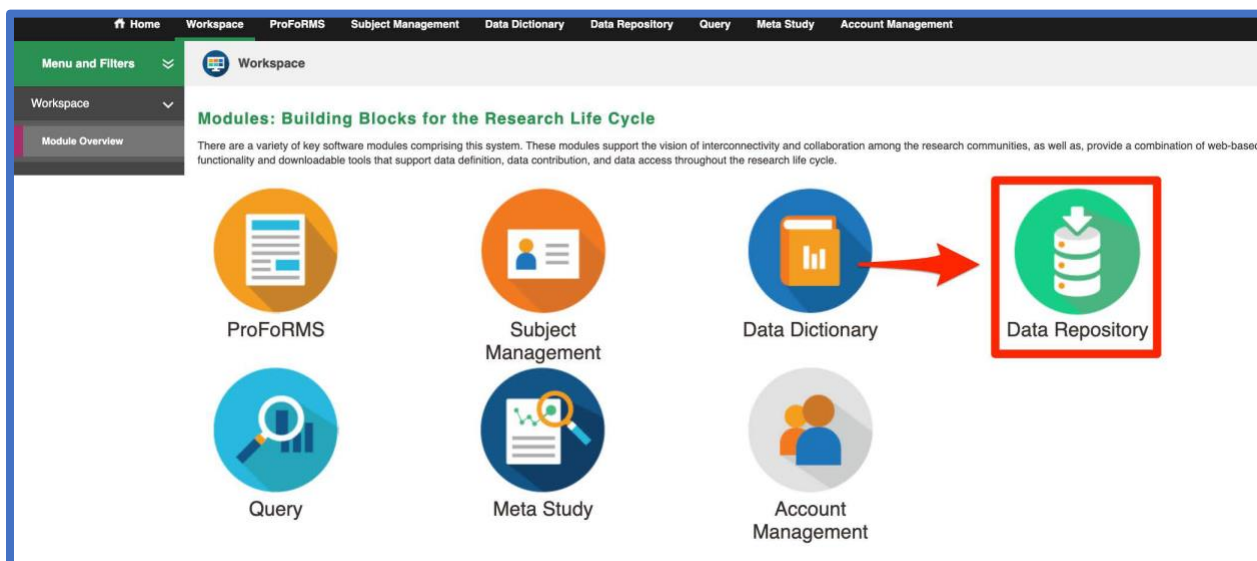
- First, **create and populate the Download Queue** with datasets to download.
- Then, run the **Download Tool** to download the datasets from the **Download Queue**. See **Download Queue** below:

11.2.1 Adding to the Data Download Tool

The **Download Queue** is the location where datasets that have been selected to be downloaded are stored until the user downloads the data with the **Download Tool**. Datasets can be added to the **Download Queue** from both the **Data Repository** as well as from the **Query Tool**.

To populate **Download Queue**, perform the following actions:

1. Log into BRICS and navigate to the Workspace where all the accessible modules are displayed and select Data Repository.
NOTE: if the module is greyed out then the user does not have access to the module. Please reach out to the BRICS Operations team for additional information on obtaining permissions to the greyed-out modules.



2. After clicking on the **Data Repository** icon from the workspace, the user will be brought to the studies list. This is where the user can view all the studies that have submitted or are submitting data to the repository.
3. In the list of studies that appears, find the study of interest from which you wish to download the dataset(s) by using the search/filter fields. If the study of interest does not appear in the study list, then verify that they you have the permissions to view that study as well as download data from that study. Contact the Operations team for any additional assistance when using the Data Repository.

To quickly determine the type of data within a study, the user can use the **“Data Types”** column with the three icons. When the icon is colored in, that means the study has that data. The different icons represent:

Helix: Genomics data.

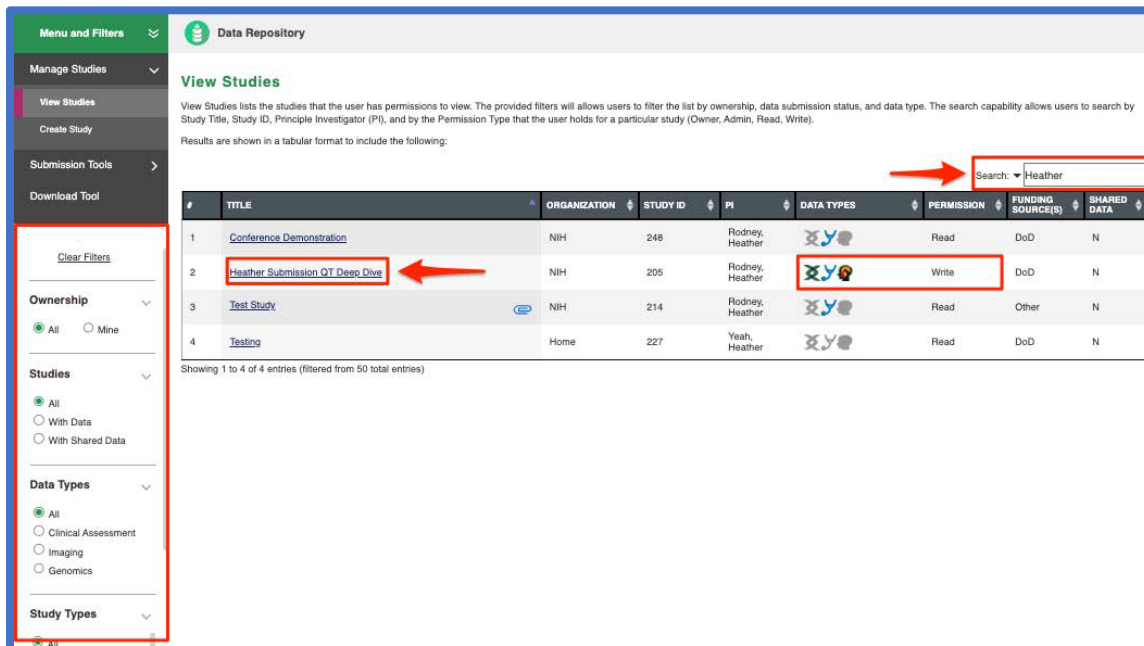
Stethoscope: Clinical assessment data.

Head: Imaging data.

NOTE: The View Studies page lists the studies that you have permission to view. You can see your specific permissions for the study in the “Permission” column.

Use the provided filters on the bottom left column to filter by: **Ownership, Data Submission Status, Data Type and Study Type.**













Use the search box to search by **Title, Organization, Study ID, Principal Investigator (PI), Data Type, Permission, Funding Source, Shared Data, Study Keywords, and Study Type.**



View Studies

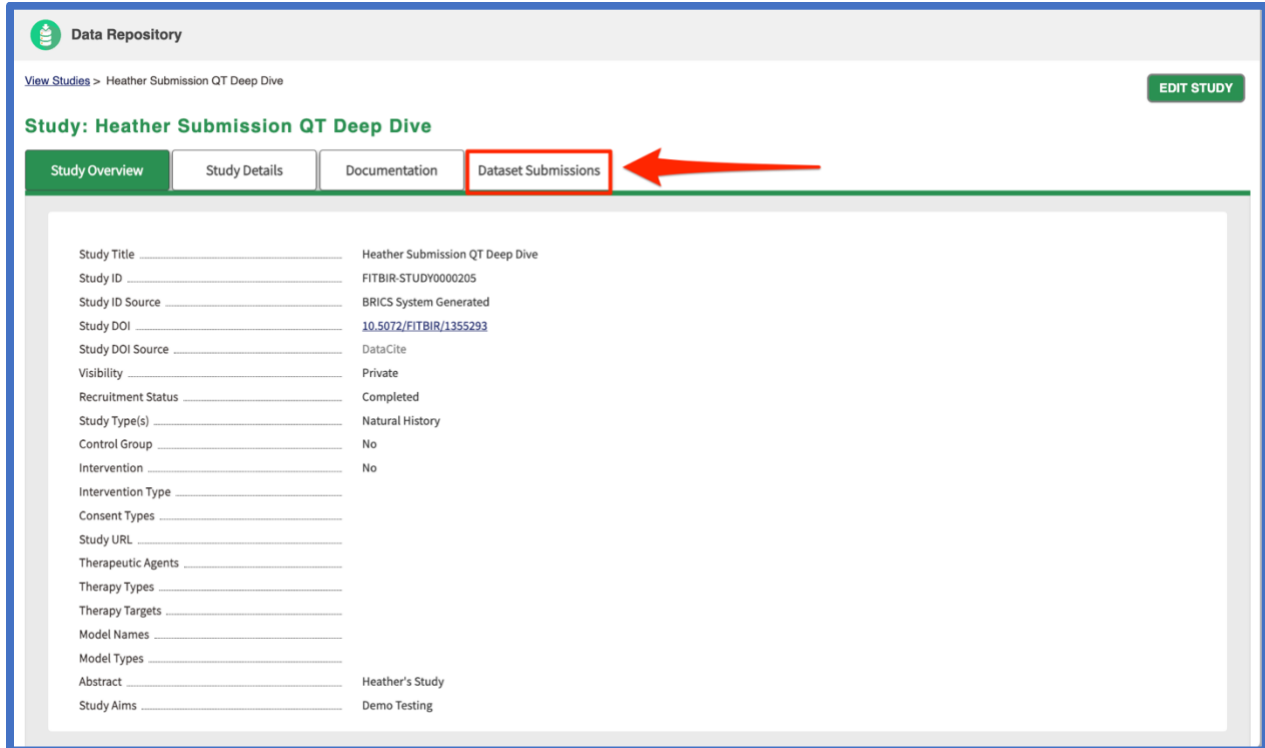
View Studies lists the studies that the user has permissions to view. The provided filters will allow users to filter the list by ownership, data submission status, and data type. The search capability allows users to search by Study Title, Study ID, Principle Investigator (PI), and by the Permission Type that the user holds for a particular study (Owner, Admin, Read, Write).

Results are shown in a tabular format to include the following:

#	TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE(S)	SHARED DATA
1	Conference Demonstration	NIH	248	Rodney, Heather	  	Read	DoD	N
2	Heather Submission QT Deep Dive	NIH	205	Rodney, Heather	  	Write	DoD	N
3	Test Study	NIH	214	Rodney, Heather	  	Read	Other	N
4	Testing	Home	227	Yeah, Heather	  	Read	DoD	N

Showing 1 to 4 of 4 entries (filtered from 50 total entries)

- When viewing the study profile, navigate to the bottom of the page and click on the **Dataset Submissions** section.



The screenshot displays the 'Data Repository' interface for a study titled 'Heather Submission QT Deep Dive'. The navigation tabs at the top are 'Study Overview', 'Study Details', 'Documentation', and 'Dataset Submissions', with the latter being highlighted by a red box and a red arrow. The main content area shows a list of study metadata:

Study Title	Heather Submission QT Deep Dive
Study ID	FITBIR-STUDY0000205
Study ID Source	BRICS System Generated
Study DOI	10.5072/FITBIR/1355293
Study DOI Source	DataCite
Visibility	Private
Recruitment Status	Completed
Study Type(s)	Natural History
Control Group	No
Intervention	No
Intervention Type	
Consent Types	
Study URL	
Therapeutic Agents	
Therapy Types	
Therapy Targets	
Model Names	
Model Types	
Abstract	Heather's Study
Study Aims	Demo Testing

5. The list of datasets submitted to the study appears.

NOTE: To view and download datasets from a selected study, the user must have the appropriate permissions. Contact the Operations Team for questions on account permissions. Select the Dataset of interest to download by clicking on its name.

Data Repository

View Studies > Heather Submission QT Deep Dive EDIT STUDY

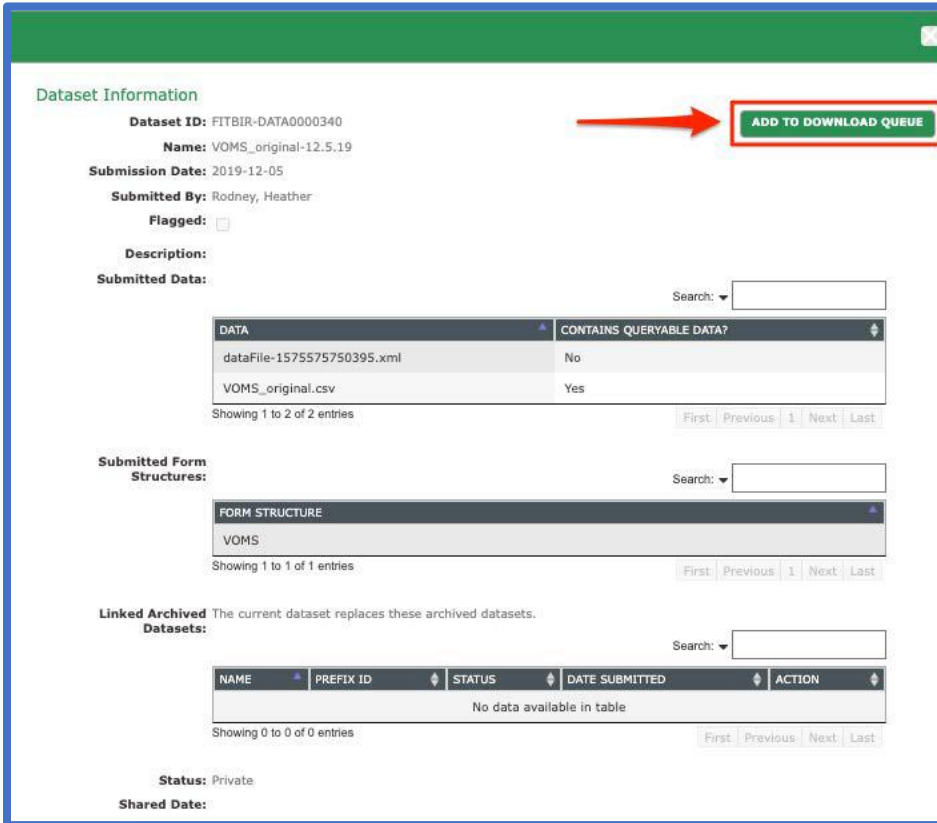
Study: Heather Submission QT Deep Dive

Study Overview | Study Details | Documentation | **Dataset Submissions**

Show shared & private Search:

DATASET ID	NAME	SUBMISSION DATE	TYPE	STATUS	# OF REC	DESCRIPTION
FITBIR-DATA0000340	VOMS_original-12.5.19	2019-12-05 14:56	Clinical Assessment	Private	13	
FITBIR-DATA0000331	VOMS (1)_10.17.19	2019-10-17 15:02	Clinical Assessment	Private	2	
FITBIR-DATA0000329	imagingdiffusion_output_15682140...	2019-09-19 14:37	Imaging	Private	100	
FITBIR-DATA0000319	VOMS (1)-DEMO	2019-08-27 15:59	Clinical Assessment	Private	2	
FITBIR-DATA0000314	BSI18-1566322620156	2019-08-20 13:37	Clinical Assessment	Private	98	
FITBIR-DATA0000310	query_result_Demographics_2017-1...	2019-08-16 20:02	Clinical Assessment	Private	6	
FITBIR-DATA0000295	BiomarkerCombo (5)-1559222041990	2019-05-30 09:13	Genomics	Private	1	
FITBIR-DATA0000280	VOMS (1)-112.13.18	2018-12-13 15:19	Clinical Assessment	Private	2	
FITBIR-DATA0000272	Deep Dive 10-25 SWLS	2018-10-25 14:49	Clinical Assessment	Private	2	
FITBIR-DATA0000271	Deep Dive 10-25	2018-10-25 12:04	Clinical Assessment	Private	4	
FITBIR-DATA0000270	Deep Dive	2018-10-24 15:58	Clinical Assessment	Private	4	
FITBIR-DATA0000261	SWLS_CDISC_FITBIR_9.13.18	2018-09-13 14:57	Clinical Assessment	Private	2	
FITBIR-DATA0000259	VOMS_6.9.18	2018-08-09 15:02	Clinical Assessment	Private	2	
FITBIR-DATA0000255	VOMS (1)	2018-07-12 15:41	Clinical Assessment	Private	2	

- A pop-up window opens with information regarding the dataset. Note the green **Add to Download Queue** button in the upper right corner. This is only visible if the user has access to download this data.



Dataset Information

Dataset ID: FITBIR-DATA0000340

Name: VOMS_original-12.5.19

Submission Date: 2019-12-05

Submitted By: Rodney, Heather

Flagged:

Description:

Submitted Data:

Search:

DATA	CONTAINS QUERYABLE DATA?
dataFile-1575575750395.xml	No
VOMS_original.csv	Yes

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

Submitted Form Structures:

Search:

FORM STRUCTURE
VOMS

Showing 1 to 1 of 1 entries

First Previous 1 Next Last

Linked Archived Datasets: The current dataset replaces these archived datasets.

Search:

NAME	PREFIX ID	STATUS	DATE SUBMITTED	ACTION
No data available in table				

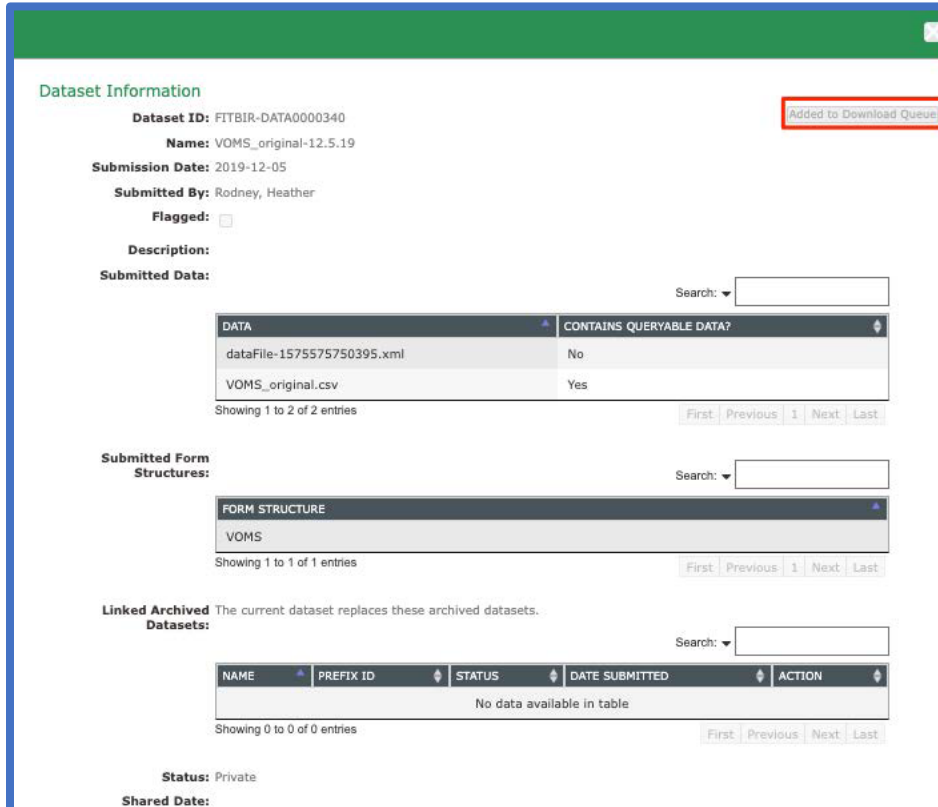
Showing 0 to 0 of 0 entries

First Previous Next Last

Status: Private

Shared Date:

- Click the **Add to Download Queue** button to add the dataset to the **Download Queue**. The **Add to Download Queue** button changes to the **Added to Download Queue** status message and the selected dataset will appear in the **Download Queue** list within the **Download Tool**.



Dataset Information

Dataset ID: FITBIR-DATA0000340 Added to Download Queue

Name: VOMS_original-12.5.19

Submission Date: 2019-12-05

Submitted By: Rodney, Heather

Flagged:

Description:

Submitted Data:

Search:

DATA	CONTAINS QUERYABLE DATA?
dataFile-1575575750395.xml	No
VOMS_original.csv	Yes

Showing 1 to 2 of 2 entries First Previous 1 Next Last

Submitted Form Structures:

Search:

FORM STRUCTURE
VOMS

Showing 1 to 1 of 1 entries First Previous 1 Next Last

Linked Archived Datasets: The current dataset replaces these archived datasets.

Search:

NAME	PREFIX ID	STATUS	DATE SUBMITTED	ACTION
No data available in table				

Showing 0 to 0 of 0 entries First Previous Next Last

Status: Private

Shared Date:

- After the dataset has been added to the **Download Queue**, an auto generated email will be sent to the user to notify them that the dataset is ready for download.

Dear Name, User,

Your Apr 14, 2020, 5:18:44 PM, request for Dataset: Baseline Demographics _246 is now available in the Download Manager. If you have any questions, please email or call the Operations team.

Thanks,

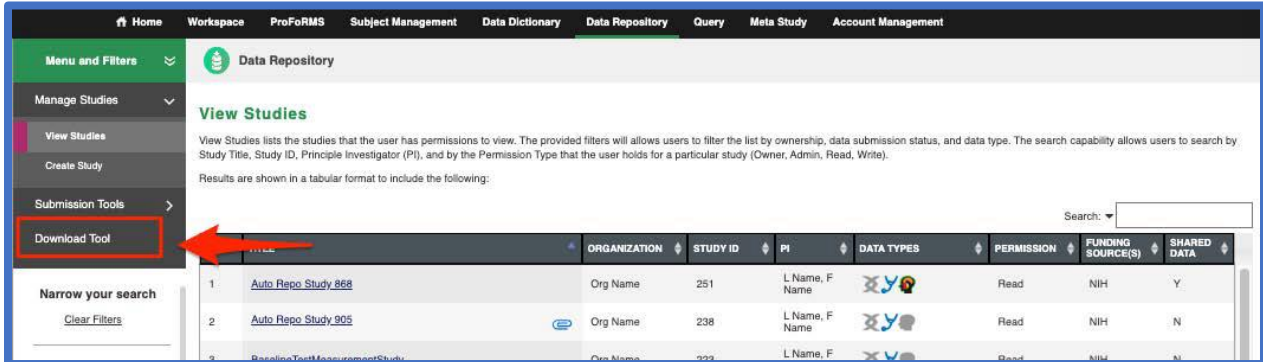
The FITBIR Operations team

- To download the dataset(s) from the download queue to the computer, use the **Download Tool**.

11.2.2 Using the Data Download Tool

Now that the desired dataset(s) have been placed in the **Download Queue**, the next step in the download process is to use the **Download Tool**.

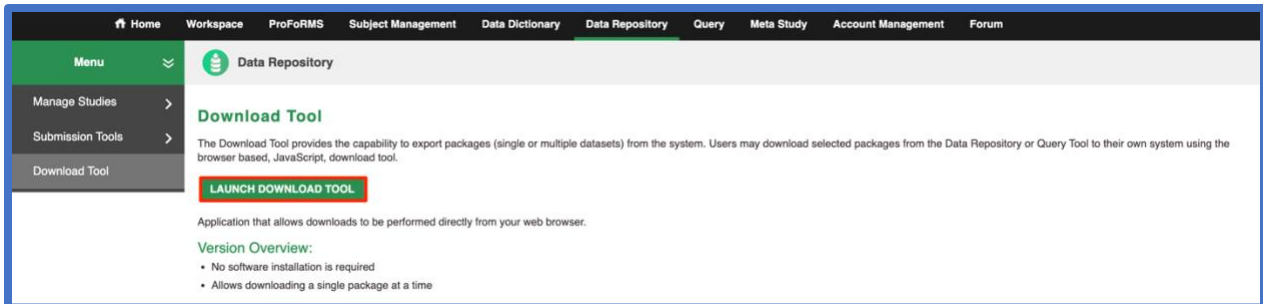
1. Navigate back to the Data Repository and select the Download Tool in the left Navigation bar.



The screenshot shows the 'Data Repository' interface. The left navigation bar has 'Download Tool' highlighted with a red box and a red arrow. The main content area shows a table of studies with columns: TITLE, ORGANIZATION, STUDY ID, PI, DATA TYPES, PERMISSION, FUNDING SOURCE(S), and SHARED DATA. The table contains three rows of study data.

TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE(S)	SHARED DATA
1 Auto Repo Study 868	Org Name	251	L Name, F Name		Read	NIH	Y
2 Auto Repo Study 905	Org Name	238	L Name, F Name		Read	NIH	N
3 BaselineTest Measurement Study	Org Name	222	L Name, F Name		Read	NIH	N

2. The Download Tool page will open. Select **Launch Download Tool**.



The screenshot shows the 'Download Tool' page. The left navigation bar has 'Download Tool' selected. The main content area features a red button labeled 'LAUNCH DOWNLOAD TOOL'. Below the button, there is a description of the tool and a 'Version Overview' section with two bullet points.

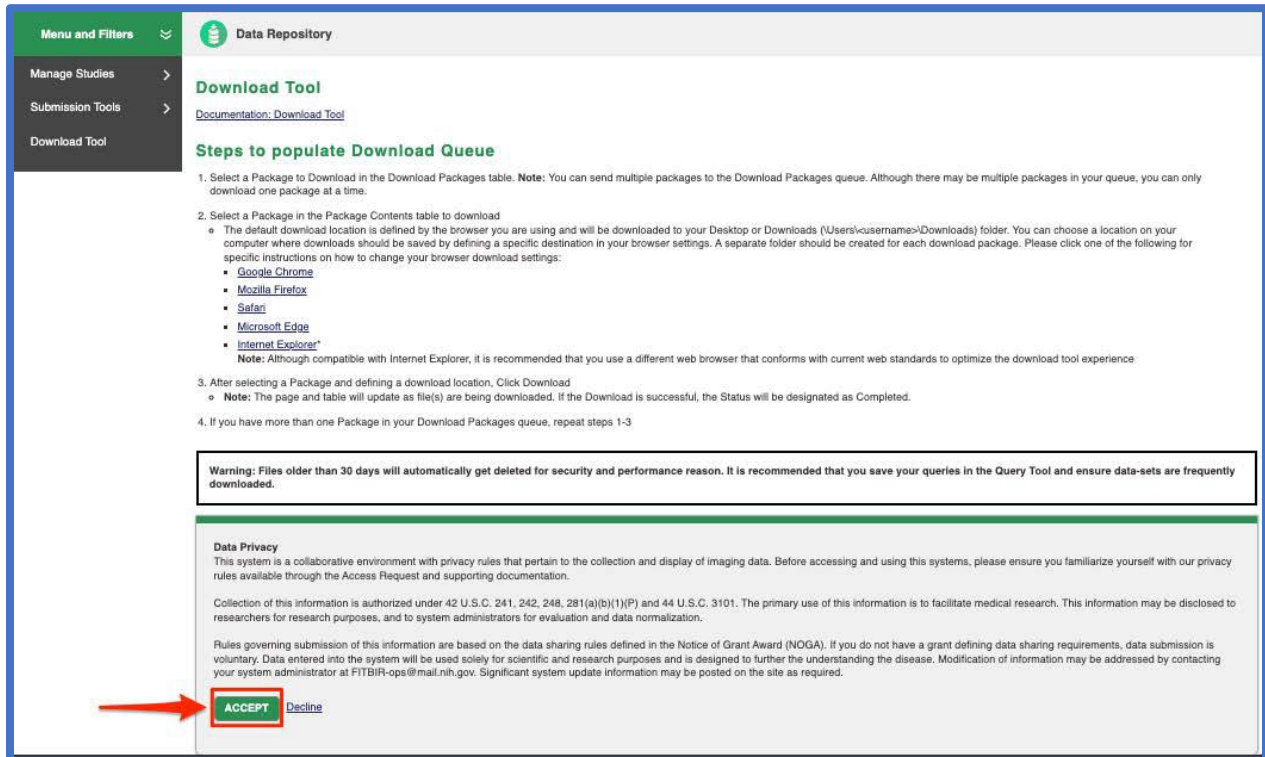
LAUNCH DOWNLOAD TOOL

Application that allows downloads to be performed directly from your web browser.

Version Overview:

- No software installation is required
- Allows downloading a single package at a time

- This will open a new page that provides steps to using the **Download Tool**, such as how to select data to download and how to change download settings with various internet browsers. At the bottom will be the Data Privacy agreement, press the **Accept** button to continue to the **Download Tool**.



Data Repository

Download Tool

[Documentation: Download Tool](#)

Steps to populate Download Queue

- Select a Package to Download in the Download Packages table. **Note:** You can send multiple packages to the Download Packages queue. Although there may be multiple packages in your queue, you can only download one package at a time.
- Select a Package in the Package Contents table to download
 - The default download location is defined by the browser you are using and will be downloaded to your Desktop or Downloads (Users\username\Downloads) folder. You can choose a location on your computer where downloads should be saved by defining a specific destination in your browser settings. A separate folder should be created for each download package. Please click one of the following for specific instructions on how to change your browser download settings:
 - [Google Chrome](#)
 - [Mozilla Firefox](#)
 - [Safari](#)
 - [Microsoft Edge](#)
 - [Internet Explorer*](#)**Note:** Although compatible with Internet Explorer, it is recommended that you use a different web browser that conforms with current web standards to optimize the download tool experience
- After selecting a Package and defining a download location, Click Download
 - Note:** The page and table will update as file(s) are being downloaded. If the Download is successful, the Status will be designated as Completed.
- If you have more than one Package in your Download Packages queue, repeat steps 1-3

Warning: Files older than 30 days will automatically get deleted for security and performance reason. It is recommended that you save your queries in the Query Tool and ensure data-sets are frequently downloaded.

Data Privacy
 This system is a collaborative environment with privacy rules that pertain to the collection and display of imaging data. Before accessing and using this systems, please ensure you familiarize yourself with our privacy rules available through the Access Request and supporting documentation.
 Collection of this information is authorized under 42 U.S.C. 241, 242, 248, 281(a)(b)(1)(P) and 44 U.S.C. 3101. The primary use of this information is to facilitate medical research. This information may be disclosed to researchers for research purposes, and to system administrators for evaluation and data normalization.
 Rules governing submission of this information are based on the data sharing rules defined in the Notice of Grant Award (NOGA). If you do not have a grant defining data sharing requirements, data submission is voluntary. Data entered into the system will be used solely for scientific and research purposes and is designed to further the understanding of the disease. Modification of information may be addressed by contacting your system administrator at FITBIR-ops@mail.nih.gov. Significant system update information may be posted on the site as required.

ACCEPT [Decline](#)

- After pressing the **Accept** button, the **Download Tool** will appear. The top section titled **Download Package** will consist of all the datasets that have been sent to the **Download Queue**. The bottom section titled **Package Contents** will show the files associated to the dataset that is selected in the top section.



Download Packages

Refresh Queue Remove Package(s) Search:

NAME	DATE ADDED	FILES	SIZE	ORIGIN
VOMS_original-12.5.19_205	2022-07-24 17:51	0/3	91.79 KB	Data Repository

Showing 1 to 1 of 1 entries (0 row selected of 1) [First](#) [Previous](#) [Next](#) [Last](#)

Package Contents

File Types Search:

NAME	STUDY	FILE TYPE	SIZE	STATUS
No data available in table				

Showing 0 to 0 of 0 entries (0 row selected of 0) [First](#) [Previous](#) [Next](#) [Last](#)

DOWNLOAD Download Size: 0 B

FEATURES OF THE DOWNLOAD TOOL:

- To remove a single dataset from the Download Queue, select it (using a checkbox) and press the Remove Package button.
 - To remove multiple datasets from the Download Queue, select them using the checkboxes (or select all) and press the Remove Package button.
 - To stop download(s), use the Cancel Download button.
 - To sort the Download Queue table by the dataset name, use the small triangle next to the Dataset column name.
 - Datasets in the Download Queue will stay there up to 30 days, then will be removed. If the user would like to retain their query for more than 30 days, it is best to save the query in the Query Tool module.
 - To maintain a clean Download Queue, it is recommended that users remove datasets from the Download Queue after the user is done with that dataset. User can do this by pressing the Remove Package button or the Clear Completed Downloads button after downloading the data.
5. Datasets in the download queue that are ready for download will appear in the top **Download Packages** section. If there are multiple datasets ready for download, all of them will appear in the **Download Packages** section, however, only one can be selected at a time for download. Once a package is selected the **Package Contents** table will be populated with the files within that package. The user will have the ability to deselect or filter the contents of package in order to condense the download to specific files. After the desired package and contents have been chosen, press the **Download** button.

NOTE: The downloaded files will be sent to the user's download folder on their computer or to the location set in the browser's settings.



Download Packages

Refresh Queue Remove Package(s)

Search:

NAME	DATE ADDED	FILES	SIZE	ORIGIN
<input checked="" type="checkbox"/> VOMS_original-12.5.19_205	2022-07-24 17:51	1/3	91.79 KB	Data Repository

Showing 1 to 1 of 1 entries (1 row selected of 1)

Package Contents

File Types

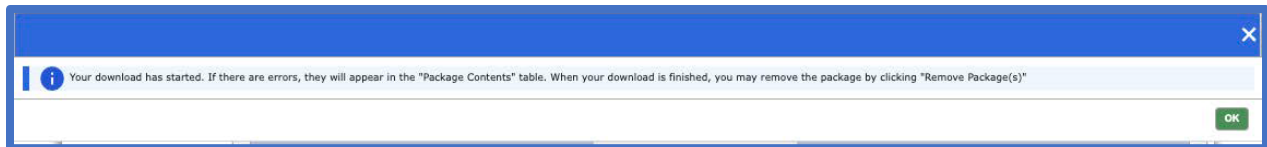
Search:

NAME	STUDY	FILE TYPE	SIZE	STATUS
<input type="checkbox"/> data_element_details.csv	Heather Submission QT Deep Dive	Data File	54.58 KB	READY
<input type="checkbox"/> dataFile-1575575750395.xml	Heather Submission QT Deep Dive	Data File	32.19 KB	READY
<input checked="" type="checkbox"/> VOMS_original.csv	Heather Submission QT Deep Dive	Clinical Assessment	5.02 KB	READY

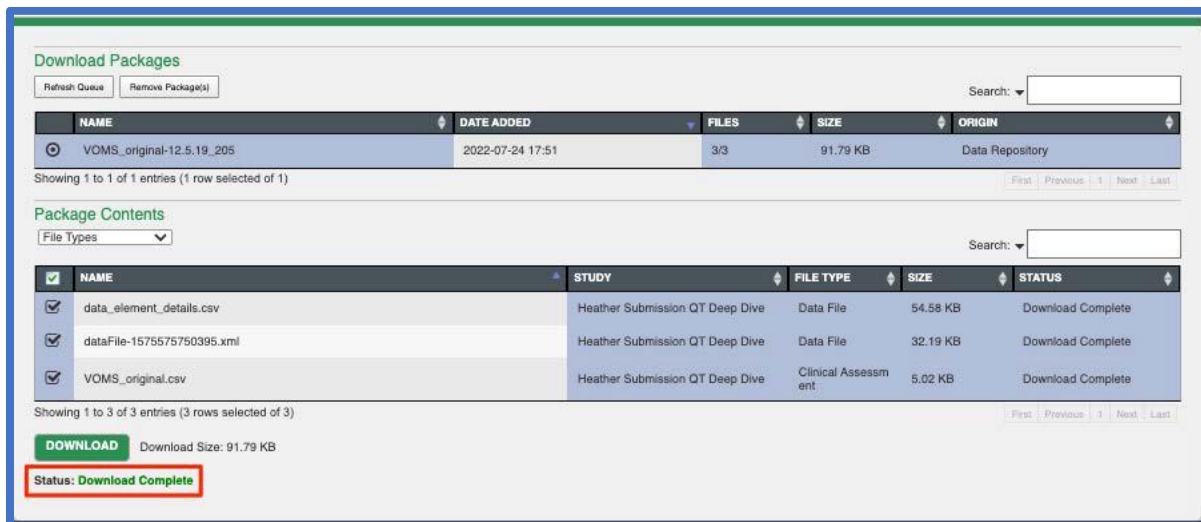
Showing 1 to 3 of 3 entries (1 row selected of 3)

DOWNLOAD Download Size: 5.02 KB

6. You'll get the following confirmation message that your download has started. Click OK.



7. Once the download has finished, the status will display: "**Download Complete.**"



If you have more Download Packages you wish to download, then repeat steps 5-7 until you are done.
NOTE: If you do not wish to keep the download the package again in the future it you may remove them out of the download queue after completing the download by clicking Remove Package(s) and selecting the packages you wish to remove.