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# **Data Download Tool**



## CHAPTER 11 – DATA DOWNLOAD TOOL

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**T**he **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.

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### 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.

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### 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 Download Queue

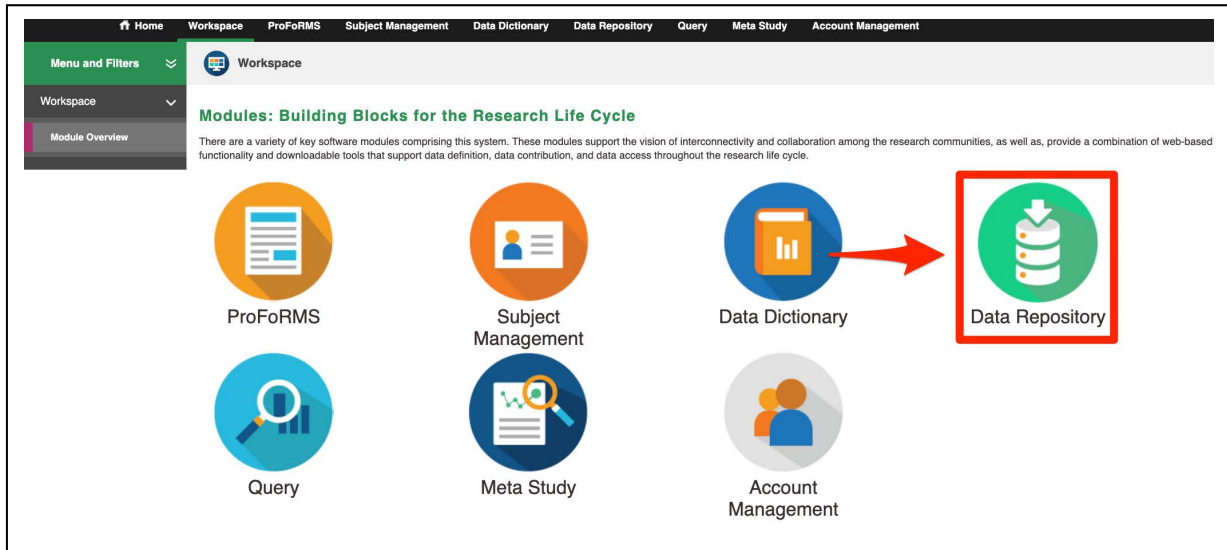
The **Download Queue** is the location where datasets that have been selected to be downloaded are stored until the user downloads the data with the **Download Tool**. Datasets can be added to the **Download Queue** from both the **Data Repository** as well as from the **Query Tool**.

## Steps to Populate the Download Queue

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.



- 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.

[Home](#)
[Workspace](#)
[ProFoRMS](#)
[Subject Management](#)
[Data Dictionary](#)
[Data Repository](#)
[Query](#)
[Meta Study](#)
[Account Management](#)

Menu and Filters

Manage Studies

View Studies

Create Study

Submission Tools

Download Tool

Narrow your search

Clear Filters Restore Default

Ownership

☒ All
 ☐ Mine

Studies

☒ All
 ☐ With Data
 ☐ With Shared Data

Data Types

☒ All
 ☐ Clinical Assessment
 ☐ Imaging

Data Repository

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:

Search:

#	TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE(S)	SHARED DATA
1	<a href="#">Auto Repo Study 868</a>	Org Name	251	L Name, F Name		Read	NIH	Y
2	<a href="#">Auto Repo Study 905</a>	Org Name	238	L Name, F Name		Read	NIH	N
3	<a href="#">BaselineTestMeasurementStudy</a>	Org Name	223	L Name, F Name		Read	NIH	N
4	<a href="#">BioBoost demo</a>	NIH	264	Harris, Michelle		Read	DoD	N
5	<a href="#">Conference Demonstration</a>	NIH	248	Rodney, Heather		Read	DoD	N
6	<a href="#">Covid 19 impact on teen agers</a>	NIH	262	Harris, Tom		Read	DoD-OSD	N
7	<a href="#">Demo Testing</a>	NIH	266	Harris, Michelle		Read	NIH-CC	N
8	<a href="#">Heather Submission QT Deep Dive</a>	NIH	205	Rodney, Heather		Read	DoD	N
9	<a href="#">HHTest</a>	NIH	268	Johnson, JJ		Read	NIH	N

Showing 1 to 50 of 50 entries

11 - 5 • BRICS USER MANUAL

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- 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**.

As a way 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 particular type of data. The different icons represent:

**Helix:** Genomics data.

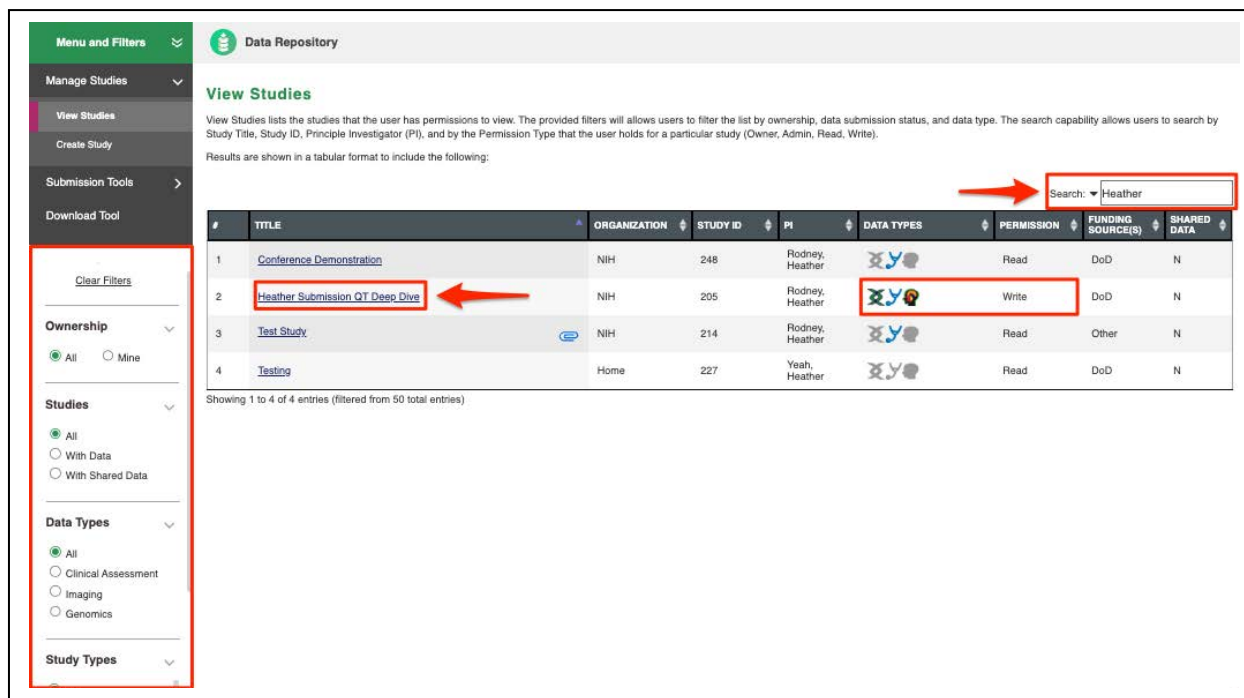
**Stethoscope:** Clinical assessment data.

**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**.



**Menu and Filters**

- Manage Studies
  - View Studies
  - Create Study
- Submission Tools
- Download Tool

**Clear Filters**

**Ownership**

- All
- Mine

**Studies**

- All
- With Data
- With Shared Data

**Data Types**

- All
- Clinical Assessment
- Imaging
- Genomics













**Study Types**

**Data Repository**

**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	<a href="#">Conference Demonstration</a>	NIH	248	Rodney, Heather	  	Read	DoD	N
2	<a href="#">Heather Submission QT Deep Dive</a>	NIH	205	Rodney, Heather	  	Write	DoD	N
3	<a href="#">Test Study</a>	NIH	214	Rodney, Heather	  	Read	Other	N
4	<a href="#">Testing</a>	Home	227	Yaah, 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.

Menu and Filters
Manage Studies
View Studies
Create Study
Submission Tools
Download Tool

Data Repository
View Studies > Heather Submission QT Deep Dive

### Study: Heather Submission QT Deep Dive

Study Overview:

**Title:** Heather Submission QT Deep Dive

**Study ID:** FITBIR-STUDY0000205

**Study ID Source:** BRICS System Generated

**Study DOI:** [10.5072/FITBIR/1355293](https://doi.org/10.5072/FITBIR/1355293)

**Study DOI Source:** DataCite

**Visibility:** Public

**Recruitment Status:** Completed

**Study Type(s):** Natural History

**Control Group:**

**Intervention:**

**Study URL:**

**Therapeutic Agents:**

**Therapy Types:**

**Therapeutic Targets:**

**Model Names:**

**Model Types:**

**Abstract:** Heather's Study

**Study Aims:** Demo Testing

**Start Date:** 2013-02-12

**End Date:** 2015-06-11

**Duration:** 848 days

**Funding Source(s):** DoD

**Estimated Number of Subjects:**

**Study Research Management:**

TITLE	FULL NAME	E-MAIL	ORGANIZATION
Primary Principal Investigator	Heather Rodney		NIH
Data Manager	Heather Rodney	hearodne@publicisgroupe.net	NIH

Showing 1 to 2 of 2 entries

**Study Site:**

SITE NAME	ADDRESS	CITY	STATE	COUNTRY	PHONE NUMBER
NIH (Primary)					

Showing 1 to 1 of 1 entries

**Study Groups:**

STUDY GROUP NAME	STUDY GROUP DESCRIPTION	PRIMARY STUDY	ASSOCIATED STUDIES
No data available in table			

Showing 0 to 0 of 0 entries

+ Dataset Submissions
+ Keywords and Labels
CLOSE

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

**Note:** In order 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.

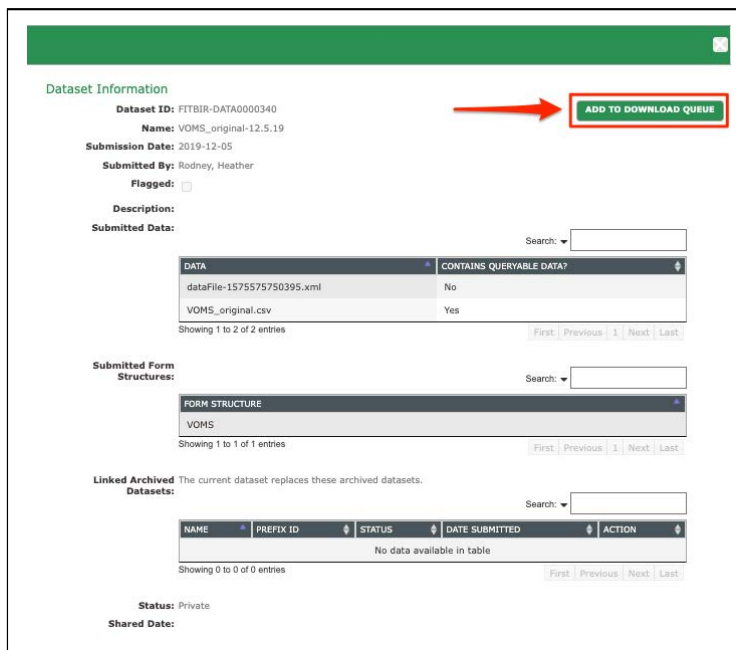
- Dataset Submissions							
Show Shared & Private ▾		Search: <input type="text"/>					
DATASET ID	NAME	SUBMISSION DATE	TYPE	STATUS	# OF REC	DESCRIPTION	FLAGGED
FITBIR-DATA0000381	<a href="#">SWLS_8.13.2020_Submission_SWLS_C...</a>	2020-08-13 14:53	Clinical Assessment	Private	2		
FITBIR-DATA0000340	<a href="#">VOMS_original-12.5.19</a>	2019-12-05 14:56	Clinical Assessment	Private	13		
FITBIR-DATA0000331	<a href="#">VOMS (1)_10.17.19</a>	2019-10-17 15:02	Clinical Assessment	Private	2		
FITBIR-DATA0000329	<a href="#">imagingdiffusion_output_15682140...</a>	2019-09-19 14:37	Imaging	Private	100		
FITBIR-DATA0000319	<a href="#">VOMS (1)-DEMO</a>	2019-08-27 15:59	Clinical Assessment	Private	2		
FITBIR-DATA0000314	<a href="#">BSI18-1566322620156</a>	2019-08-20 13:37	Clinical Assessment	Private	98		
FITBIR-DATA0000310	<a href="#">query_result_Demographics_2017-1...</a>	2019-08-16 20:02	Clinical Assessment	Private	6		
FITBIR-DATA0000295	<a href="#">BiomarkerCombo (5)-1559222041990</a>	2019-05-30 09:13	Omics	Private	1		
FITBIR-DATA0000280	<a href="#">VOMS (1)-112.13.18</a>	2018-12-13 15:19	Clinical Assessment	Private	2		
FITBIR-DATA0000272	<a href="#">Deep Dive 10-25 SWLS</a>	2018-10-25 14:49	Clinical Assessment	Private	2		
FITBIR-DATA0000271	<a href="#">Deep Dive 10-25</a>	2018-10-25 12:04	Clinical Assessment	Private	4		
FITBIR-DATA0000270	<a href="#">Deep Dive</a>	2018-10-24 15:58	Clinical Assessment	Private	4		
FITBIR-DATA0000261	<a href="#">SWLS_CDISC_FITBIR_9.13.18</a>	2018-09-13 14:57	Clinical Assessment	Private	2		
FITBIR-DATA0000259	<a href="#">VOMS_8.9.18</a>	2018-08-09 15:02	Clinical Assessment	Private	2		
FITBIR-DATA0000255	<a href="#">VOMS (1)</a>	2018-07-12 15:41	Clinical Assessment	Private	2		

Showing 1 to 15 of 24 entries (filtered from 26 total entries)

First Previous 1 2 Next Last



- 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-DATA000340  
 Name: VOMS\_original-12.5.19  
 Submission Date: 2019-12-05  
 Submitted By: Rodney, Heather  
 Flagged: ☐

Description:  
 Submitted Data:

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

Showing 1 to 2 of 2 entries

Submitted Form Structures:

FORM STRUCTURE
VOMS

Showing 1 to 1 of 1 entries

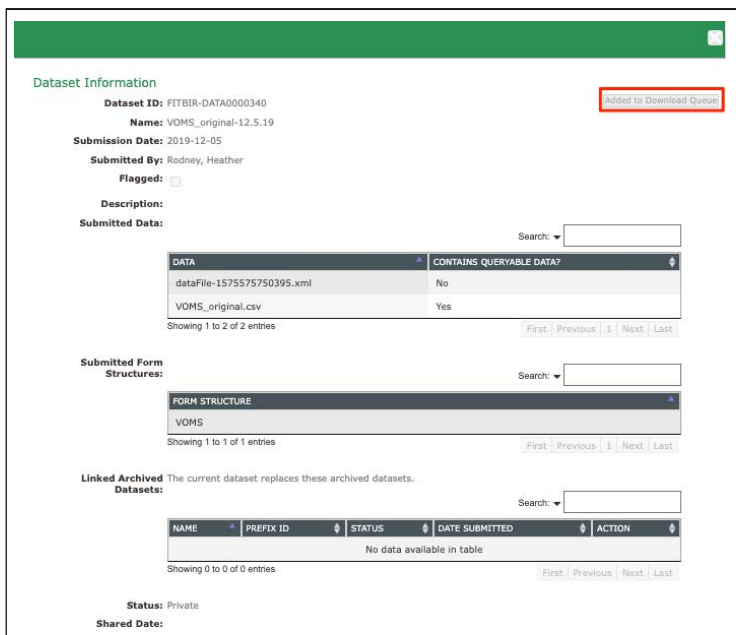
Linked Archived Datasets: The current dataset replaces these archived datasets.

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

Showing 0 to 0 of 0 entries

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-DATA000340  
 Name: VOMS\_original-12.5.19  
 Submission Date: 2019-12-05  
 Submitted By: Rodney, Heather  
 Flagged: ☐

Description:  
 Submitted Data:

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

Showing 1 to 2 of 2 entries

Submitted Form Structures:

FORM STRUCTURE
VOMS

Showing 1 to 1 of 1 entries

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

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

Showing 0 to 0 of 0 entries

Status: Private  
 Shared Date:

9. 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,

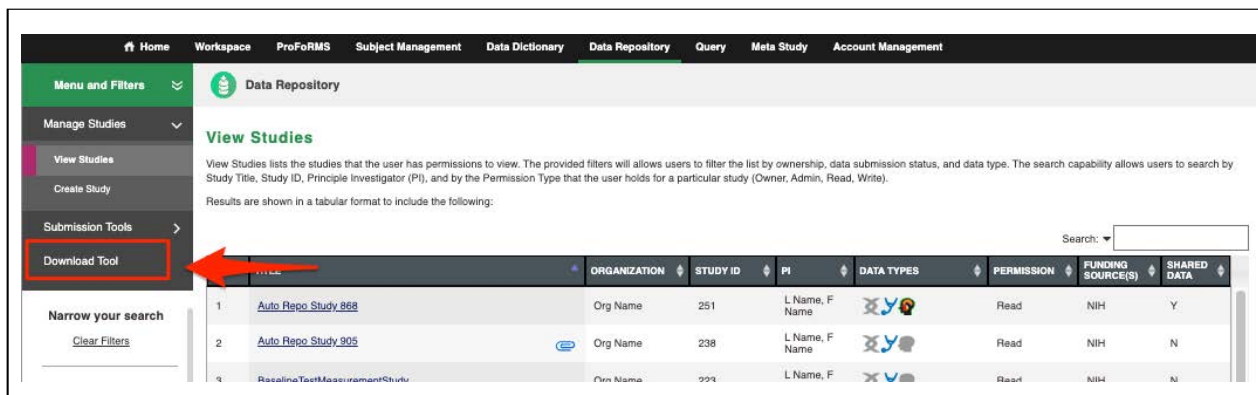
The FITBIR Operations team

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

## 11.2.2 Using the 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.

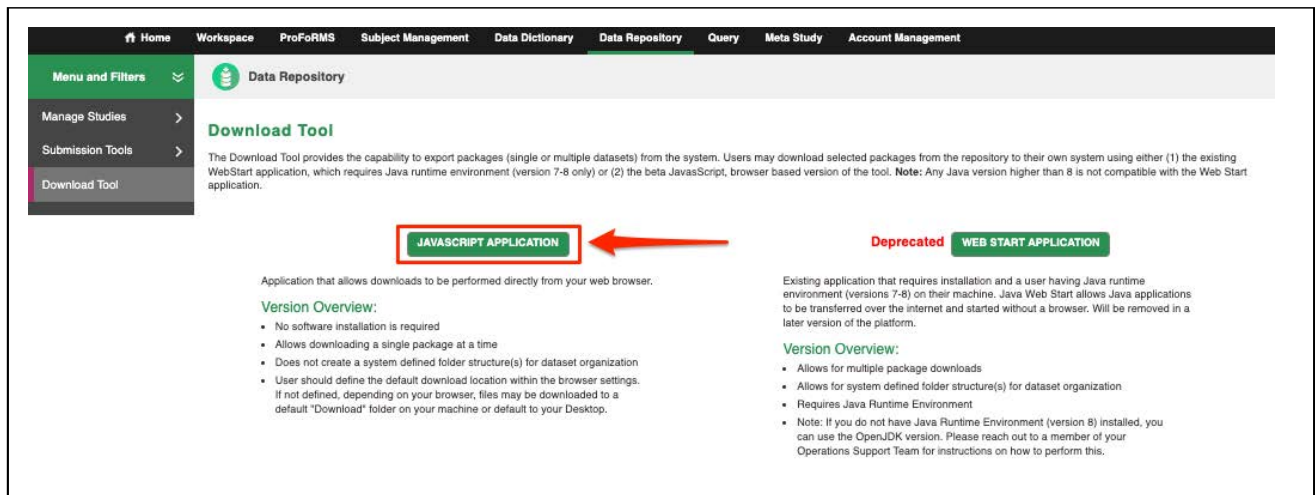


The screenshot shows the 'Data Repository' section of the application. The left navigation bar has a red box around the 'Download Tool' option, with a red arrow pointing to it. The main content area displays a table of studies with columns: TITLE, ORGANIZATION, STUDY ID, PI, DATA TYPES, PERMISSION, FUNDING SOURCE(S), and SHARED DATA. The table lists three studies: 'Auto Repo Study 868', 'Auto Repo Study 905', and 'Baseline Tact Measurement Study'.

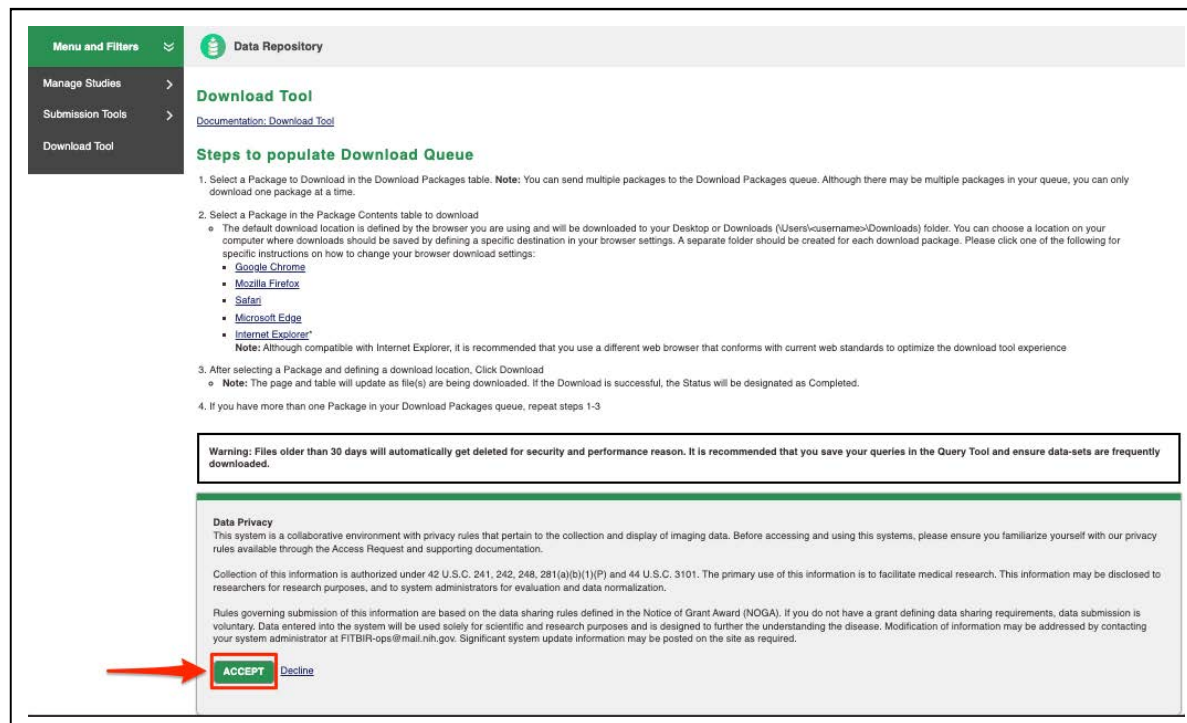
TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE(S)	SHARED DATA
1 Auto Repo Study 868	Org Name	251	L Name, F Name		Read	NIH	Y
2 Auto Repo Study 905	Org Name	238	L Name, F Name		Read	NIH	N
3 Baseline Tact Measurement Study	Org Name	224	L Name, F Name		Read	NIH	N

## 2. The Download Tool page will open. Select **JAVASCRIPT APPLICATION**

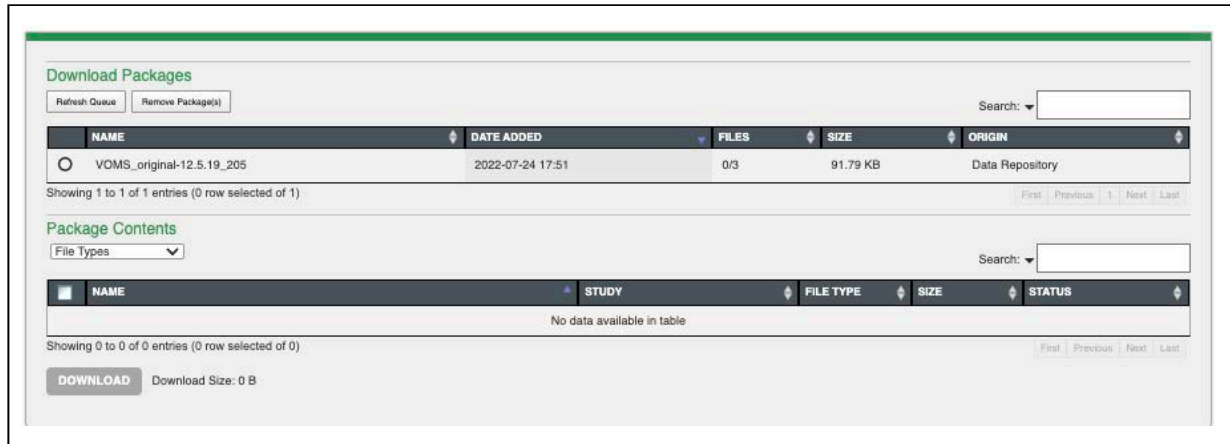
**NOTE:** The Web Start Application has been deprecated and support for it will soon be removed. Please use the JavaScript Application instead.



## 3. 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**.



4. 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.



The screenshot shows the 'Download Tool' interface. It is divided into two main sections: 'Download Packages' and 'Package Contents'.

**Download Packages Section:**

- Buttons: 'Refresh Queue', 'Remove Package(s)'.
- Search: A search bar with a dropdown arrow.
- Table Headers: NAME, DATE ADDED, FILES, SIZE, ORIGIN.
- Table Data: One row is visible with the following values:
 

NAME	DATE ADDED	FILES	SIZE	ORIGIN
VOMS_original-12.5.19_205	2022-07-24 17:51	0/3	91.79 KB	Data Repository
- Footer: 'Showing 1 to 1 of 1 entries (0 row selected of 1)'. Navigation links: 'First', 'Previous', 'Next', 'Last'.

**Package Contents Section:**

- File Types: A dropdown menu.
- Search: A search bar with a dropdown arrow.
- Table Headers: NAME, STUDY, FILE TYPE, SIZE, STATUS.
- Table Data: The table is empty, with the text 'No data available in table' displayed.
- Footer: 'Showing 0 to 0 of 0 entries (0 row selected of 0)'. Navigation links: 'First', 'Previous', 'Next', 'Last'.

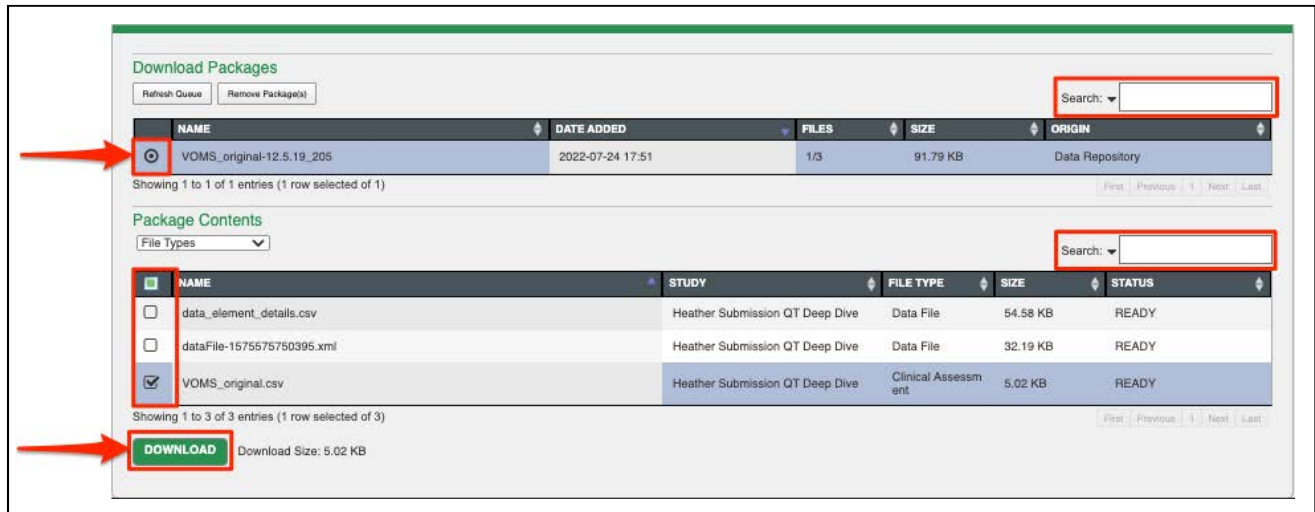
At the bottom of the 'Package Contents' section, there is a 'DOWNLOAD' button and a label 'Download Size: 0 B'.

## 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.

- 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.

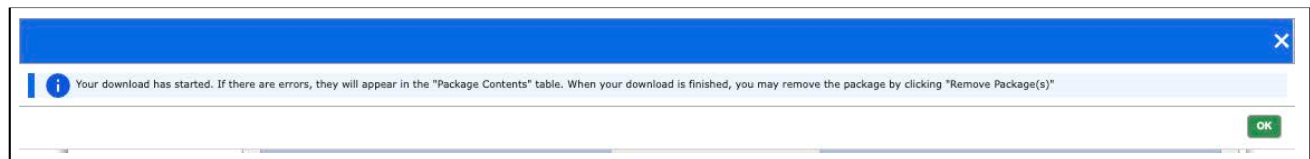


The screenshot shows the BRICS interface with two main sections: **Download Packages** and **Package Contents**.

**Download Packages:** This section contains a table with columns: NAME, DATE ADDED, FILES, SIZE, and ORIGIN. A red box highlights the selection icon (a circle with a dot) in the first row, and a red arrow points to it. The table shows one entry: "VOMS\_original-12.5.19\_205" with a size of 91.79 KB and origin "Data Repository".

**Package Contents:** This section contains a table with columns: NAME, STUDY, FILE TYPE, SIZE, and STATUS. A red box highlights the selection checkboxes in the first column. A red arrow points to the **DOWNLOAD** button at the bottom left of this section. The table shows three entries, with the third entry, "VOMS\_original.csv", selected (checked checkbox).

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



The screenshot shows a confirmation message dialog box with a blue header bar and a close button (X) in the top right corner. The message text reads: "Your download has started. If there are errors, they will appear in the 'Package Contents' table. When your download is finished, you may remove the package by clicking 'Remove Package(s)'". An **OK** button is located at the bottom right of the dialog.

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

Download Packages
Refresh Queue Remove Package(s)
Search:

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

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

Package Contents
File Types
Search:

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

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

DOWNLOAD
Download Size: 91.79 KB

Status: **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.

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