

## Mario Release (July 24th, 2021)

### Key Features:

The Mario release has the following features going in at the high level:

- **JS version of the Submission Tool**
  - Much awaited, JS version of the submission tool has been launched that allows submission to be performed directly from the web browser
  - No software installation is required
- **IE 11 is no longer supported message**
  - We added the message on both public and portal site to say we that we no longer support the IE 11 browser. The dev team is super happy with this decision
- **Submission Tool (webstart and JS Version)**
  - Updated the date/time format to allow users submit with milliseconds and display a warning message instead of blocking the submission with error message
- **Query Tool Enhancements**
  - Ability to search by GUIDs/Pseudo GUIDs. This returns the Forms Structures and Studies that contain the searched GUIDs/Pseudo GUIDs
  - Added the associated GUID/Pseudo GUID column under the data table so that the users can view the linked GUIDs/Pseudo GUIDS
  - Ability to view PV count for the Data Elements under the filter section. This displays the number of times the PV appeared in the query that was run
  - Added the Data Elements Details file to the query package when data is sent to Meta Study
  - Made the data under the Datasets column linked so that the users can click on the dataset id and see the details for it
  - Made the order for the Repeatable Group data persist in the QT data table and also when it's downloaded. Now the data stays in the same order as it was uploaded during the submission
  - Optimized the functionality for hiding columns under the data tables
- **Data Repository Enhancements**
  - Added the capability for creating Study Groups where the admins can correlate the studies by making one of the studies as Primary and associate the other studies with it
  - Added the ability to link the Archived datasets with the Private/Shared datasets so the users can see the association between the archived data and the current Private/Shared datasets
  - Updated a few data tables to use the scroll bars instead of pagination
  - Renamed the Download Report to Study Access Report and added an additional report named Study Information Report
  - Cleaned up the UI and moved a few buttons and aligned the tables when creating/editing a study
  - Added the ability to Edit/Delete the data under multiple tables
  - Added a few new fields (Control, Intervention etc) and also added additional values in the Study Type dropdown
  - Made the Study Type and Funding Sources values multi selectable

- Updated the datasets weekly email content to display in the descending order
  - Data Load error email should not be sent if there were no errors
  - Added a temporary fix for resolving the account lock up upon inactivity period of 120 days for NIA, NINDS and GRDR (To be deployed on Tuesday, July 27<sup>th</sup>)
- **ProFoRMS**
    - Organized the Roles and Privileges page based on various sections in ProFoRMS which makes the page much cleaner and easy to read
    - Fixed the issue in Data Collection where the collection would show in “In Progress” status but would have the Locked Date for it
- **Accounts Module Enhancements**
    - Added the ability to reject all the requested changes with a single click instead of having to reject individual requests
    - Added Studies Access table which displays what studies the user has privileges to and what the privilege is (read, write, owner, admin) under the account profile page. This provides the users and admins an easy way to see the Study permissions for any system user
    - Fixed the issue where “de-activated” users were receiving the "Dataset Submission is complete!" email notification when there were data corrections/resubmissions for older collections
- **Subject Consent Enhancements**
    - Added a new report under the Subject Management Admin interface for subject consent information
    - Added an enhancement for syncing up the subject consent b/w the Pseudo GUIDs and associated GUIDs
- **File Repository:**
    - Completed File Migration Planning and Create Migration Client
    - Migrated the Meta Study files from the SFTP server to the new File Repository
- **Biosample for FITBIR** (Currently hidden from the UI): Partial development and testing was done for FITBIR. We are currently working on implementing the remaining user stories. It's currently hidden from the User Interface
- **FHIR** (Currently hidden from the UI):
    - Added the ability to select the data elements to make them FHIR data fillable at the eForm level and also at the individual data element level. Synced this up with the data collection so that it only populates the data based on the eForm setup
    - Refactored the code for core data elements mapping
- **API Enhancements:**
    - Improved the API download workflow to fetch the files directly from the file repo instead of the previous workflow where the files were copied from file repo to micro services server and then sent to the user
    - Updated the Get form by short name end point to return the repeatable group name(s) and the list of data elements associated with the form structure

- **Library Upgrade:**
  - Updated the bootstrap library to version v3.4
- **Public Site changes for cdRNS:**
  - A few of the graphs would now display the Abbreviated University names
  - Automated the query to display the number of forms per study
  - Added detailed Summary Profile pages for the Intramural Studies
- **Public Site changes for FITBIR:**
  - Made around 10 different changes on the public site based on Program's request which were updated in prod before our launch today
  - Updated the Age Years graph under the Submitted Data page to display Private and Shared data
- **Public Site changes for NEI:**
  - Several changes for the NEI Data Visualization were made
  - Updated the Public site and Portal dictionary to select the "Eye Disease" by default under the Search Form Structure page
  - Introduced Google Analytics to capture usage data
- **BRICS and BIRSS website changes:**
  - There were around 10 enhancement tickets for BRICS and BIRSS websites. Not listing all of them but a few major one were:
    - BIRSS - Migrate from Drupal 8 to Drupal 9
    - Updated the BIRSS site branding and URL to make it Scientific Application Services (SAS)
- **Miscellaneous Changes:**
  - Centralized GUID – Created and ran a script for data cleanup for SOLVCFS
  - INTBIR Drupal 7 to 9 conversion