

## Spider-man – Release Notes (June 8th, 2024)

The Spider-Man release includes various updates and enhancements aimed at improving user experience and performance improvement. Key changes involve UI updates in the Accounts, Dictionary, Query Tool and enhancements in the Meta Study module. Additionally, there are improvements for NTRR and RAS support, better space utilization in data tables, and log file cleanups. Here is a detailed list of the changes and enhancements included in this release:

### ProFoRMS Enhancements

- Added a scroll bar and progress indicator to the PSR Landing page table.
- Made the Form Status table in the Reports section scrollable.
- Improved the Reverify error message page while locking the data collection.

### Subject Management/GUID Enhancement

- Started supporting diacritical marks in the GUID tool.

### Data Dictionary Enhancements

- Updated tab labels and reorganized their grouping in Data Elements.
- Enabled exporting BRICS CDEs in the NLM NIH CDE Repository template.
- NEI Only - Added consent type filter for Data Dictionary and Data Repository.
- Changed eForms UI to a tabular format.
- Updated action links' icons and export formats for eForms and Form Structures.
- Made changes to the Data Element Mapping Table headers.
- Added a warning for "Configure Question Text" action when a question has not been configured while creating a new eForm.
- Optimized the performance when searching for data elements or form structures.

### Data Repository Enhancements

- Added additional columns to the Study Information Report for comprehensive view.
- Displayed GUIDs associated with a Protocol or Study under the Associated GUID tab - Pending
- Made a new feature to record and display changes made to dataset status in the Admin Status Change History section.
- Changed the default display to 'Select One' in the dropdown boxes in the Edit Study's Data Submission.

### Tools Module

- Introduced a new module named "Tools" that hosts Submission, Download and Image Processing Tools.

### Submission Tool Enhancements

- Updated the Extra Validation bypass keys.

- Did performance optimization for large csv data file.
- Updated the Submission API to return validation output as object with uniform schema rather than string.

### Query Tool Enhancements

- Redesigned Query Tool:
  - Updated the look and feel of the Studies, Forms, Data Elements and Saved Queries tab.
  - Updated the look and feel of the Data Table View in the right pane.
  - Redesigned Data Cart UI components.
  - Implemented a new "Join Forms" tab beside the Data Cart for joining forms.
  - Enhanced the look and feel of the Query Tool Logic Box.
  - Added three new filters: 'Show Only My Studies', 'Show Accessible Studies', and 'Show All'.
  - Enhanced the look and feel of the Select Criteria tab.
- Populated empty rows for repeatable groups on form download.
- Added a checkbox to include Associated Files in the Download to Queue popup.
- Enabled display for PV/PVD upon hovering over the filters.
- Removed some forms check against for diagnosis change highlighting in PDBP Only-Query Tool.
- Created QT API Endpoint to get subject demographic data by data elements.

### Meta Study Enhancements

- Added a new attribute to Create Meta Study Form to select Study State:
  - The meta study states that can be selected are: 1. Meta Analysis 2. Prospective 3. Retrospective.
- Introduced Data Categories and reworked on the Data Type options.
- Updated the filters in the left pane to reflect the new Data Type options.
- Updated the Data Tables columns to display Study State, Data Type and Data Category.
- Added a new feature for minting Draft DOIs to unpublished Meta Studies at the time of creating new meta study.
- Enabled and tested DOIs for NEI in the lower environment – This has been turned off in prod due to the request to change in formatting on the DOI links.

### Accounts Enhancements

- Updated the language on the Login page to display the acceptable PIV/CAC Smart cards for RAS authentication
  - VA card are now supported along with NIH PIV card and DoD CAC card.
- Added notification on the Log In page in case of NIH Service Outage/Degradation issues.
- Made several UI updates across the Accounts module:
  - Implemented a limit on creating Pseudo GUIDs for the Pseudo GUID privilege.
  - Updated the Account Request Dashboard to a tabular format.
  - Updated the View/Edit Account UI to a tabular format on My Profile and Admin view.
  - Updated the Account Renewal Dashboard to a tabular format.
  - Converted content in Account Module tabs to card format.
  - Updated the names on a few tabs to make it clearer for the users.
  - Cleaned up and refactored the back-end code for the Account Module.

- Added and updated action buttons in the Account Module.
- Updated the appropriate pages to display Linked RAS Accounts for the users
  - Added ability for Admins to unlink RAS Accounts.

### NTRR Enhancements

- Added Resource attribute/flag to all existing FITBIR Form Structures - Pending
- Added a flag to form structures for NTRR.
- Enabled NTRR users to search and view Data Elements and Form Structures for FITBIR and/or NTRR.
- Enabled administrator users to change the primary resource (FITBIR & NTRR).
- Added a new domain and classifications into Data Elements' attributes for NTRR CDEs.
- Added a new disease type to form structures for NTRR.

### BRICS UI Enhancements

- Standardized checkboxes across all system modules.
- Began implementing typography tokens for consistent text appearance.
- Updated background color for data tables.
- Optimized Space for Fields and Data-Tables.
- Moved action buttons to the left for data tables for better user experience.
- Enabled users to Return to Search results from data tables in Dictionary, Repository and Meta study listing page.
- Renamed the Workspace tab and directed the Home tab to the main Workspace portal.

### Miscellaneous

- Instantiated a new Demo and PROD site for NIDDK.
- Instantiated Public website for NTRR in Stage and PROD and updated content across the site.
- Cleaned up the following log files:
  - Application logs
  - Microservices logs
  - Dictionary War Logs.
  - Scheduler War Logs.
  - ProFoRMS War Logs
- Property File Changes:
  - Overhauled the properties management process to store properties in Spring Config server.
  - Updated property files for the Spiderman Mongo Repository.
  - Updated Spiderman property files.
  - Improved the static resources services
  - Merged the Main repository and GUID Only repository