

## Spiderman Minor – Release Notes (August 22nd, 2024)

The **Spiderman Minor** release primarily aimed at merging CASA user stories with our code base. The release also includes significant security updates, performance optimizations, and a few enhancements across the portal and public sites. Major updates include Apache Struts migration, DOI system improvements, and enhancements to the Query Tool and Data Dictionary API. Please review the detailed release notes below for a comprehensive overview of the changes and updates included in this version.

### CASA Merge

- Merged and harmonized user stories from various CASA releases to our code base

### ProFoRMS Enhancements

- **Data Import Results Email:** Updated the subject line of the Data Import Results email for better clarity.

### Data Dictionary Enhancements

- **Response Time Improvement:** Improved response time for form structure and data element searches in the Data Dictionary.
- **New API Endpoint:** Created a new API endpoint to return all FS associated with a Data Element.
- **UMLS Mapping Tool:** Added the UMLS Mapping tool button in the Data Dictionary on the Data Element Search page so that the users can launch the tool from the Dictionary.
- **FITBIR/NTRR Resource Filters:** Resource filters are now checked by default if the user has data access to both FITBIR and NTRR entities.

### DOI

- **NEI - Study DOI Landing Page:** Created a DOI landing page for NEI Data Repository Studies
- **DOI Format:** Updated the DOI format for NEI – Repository Studies and Meta Study.

### Query Tool Enhancements

- **Download Functionality:** Added a download functionality to Studies and Forms in the right pane of the Query Tool for downloading data from individual studies and forms straight from the Data Table view.
- **Form and Group Names Display:** Ensured that form and group names are displayed when scrolling to the next form or group in the Data Table view (right pane).

### PDBP Public Site

- **PD Diagnosis Graph:** Requested changes on data pull criteria for the PD diagnosis graph on the public site.

## FITBIR Public Site

- **All CDEs Tab:** Added a tab to show all CDEs and associated stats available in the system on the public site.

## BRICS Security Enhancements

- **HHS IDEa Compliance:** Implemented security measures to ensure compliance with HHS IDEa.
- **Spring Version Upgrade:** Upgraded Spring version to 5.3.33 for enhanced security and performance.
- **jQuery Version Upgrade:** Upgraded jQuery version based on vulnerability scanning results.

## Technical Updates

- **Apache Struts Migration:**
  - Migrated to version 6 of Apache Struts, including FreeMarker Template updates.
  - Applied the migration to Meta Study for enhanced security and functionality.
- **UI Features Management:** Features or UI elements that need to be hidden are now controlled using the enable property.
- **Repository Approach:** Implemented a common repository approach for static resources and static files.
- **System Performance:** Added proper indexes to improve system performance.
- **DOI Assignment System:** Improved the automatic DOI assignment system to counter compilation errors related to DataCite.
- **DOI Code Logic:** Updated the DOI code logic to support a new infix.
- **eyeGENE Query Update:** Updated the Age Years by Gender graph query for eyeGENE.
- **UMLS Service Update:** Added an additional parameter to the UMLS service.
- **User Guide Updates:** Updated the user guide links on the Portal & Public Sites to pull data from BRICS Public Site's user guides.
- **Spiderman Minor Property File Changes:** Applied minor changes to property files related to the Spiderman release.