

FundSuiteArc Version 1.8.0 Release Notes

ArcFiling 1.8.0

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Release Notes Preface

Release notes provide functional and technical details. This document describes how each enhancement functions within the context of the greater business process. This added level of detail should enable project teams to answer the following questions:

- Why was the change made?
- What out-of-the-box functionality will change?
- How do these changes affect the organization?

Enhancements Requiring Immediate User Action

No changes in this product release require any immediate action to be carried out by users.

Enhancements Requiring User Decisions

No changes in this product release require any decisions to be made by users.

Known Issues in ArcFiling

1) Suppressed question in N-MFP Review Report

Overview

During internal user acceptance testing of FundSuiteArc version 1.8.0, RRD identified a legacy application defect associated with information displayed on Sheet 4 of the N-MFP Review Report. The question "Is Repo Collateral associated with the holding" returns a false positive result in instances where there is no collateral associated with a given repurchase agreement.

For each Fund Holding that is classified as a Repurchase Agreement:		
	Is Item 32 checked?	
	Is Repo Collateral associated with the holding?	Yes
	Is the total value of its collateral greater than or equal to 102% of its value?	Yes

Since RRD was unable to address the defect in this product release, the decision was made to suppress the question from the N-MFP Review Report. Our objective in suppressing the question was to direct clients to independently confirm their repurchase agreement holding(s) and associated collateral data, and not rely on the response provided to this question in the N-MFP Review Report.

Process Changes

Clients are directed to independently confirm their repurchase agreement holding(s) and associated collateral data prior to filing their form N-MFP, and not rely on the response provided to this question in the N-MFP Review Report.

2) Potential duplication of project text item

Overview

Adding a new text item to a document structure template may result in a pre-existing text item being duplicated in the associated project(s). Users will only encounter this issue when working in projects created prior to upgrading to FundSuiteArc version 1.8.0.

Process Changes

If you encounter this issue, delete the current project, then push out changes from the associated project template in order to create a new project for the desired fund/account period. If you require assistance, please contact your Product Services representative.

Release Notes Summary

1) Enhancements Common to Multiple Products

1. Ability to go directly to security on Fund Holdings page from SOI preview

Reviewing the schedule of investments via the **Project** page sometimes reveals the need to make adjustments to components of the security. To do this, users now can go directly to a security on the **Fund Holdings** page by double-clicking on the security in the portfolio statement preview on the **Project** page.

2. Increased workspace in text editor

The text editor was reconfigured with the goal of providing users more space to create, edit or view snippet text. Users need enough space to accommodate efficient creation and maintenance of snippet content.

3. Ability to adjust portfolio statement column widths in Project page preview area

The ability to adjust column widths within the preview interface of the **Project** page is needed to review data on-screen. Prior to this release, the column widths on the portfolio preview were set to accommodate the longest text in a single cell; this often resulted in a column with a width wider than the viewable area on the page. Users now can manually adjust the column widths to satisfy their preference.

4. Usability enhancements to Data Purge page

Before performing a data purge operation, it is imperative that users have all necessary information about the data that will be affected. The addition of fields to the **Data Purge** page to identify data properties and to quickly select/de-select all data in the results grid allows users to make more informed decisions prior to purging data from the system and to work more efficiently.

5. Ability to move column mappings on Portfolio Statement Template Output Settings page

In the management of portfolio statement template output settings, efficiencies in the mapping process are a necessity. In previous versions of FundSuiteArc, any desired changes to column mappings required the user to delete existing mapping and remap the items to the grid. The ability to change the order of mapped items or to move existing mapped items to a different column was provided to improve efficiency when updating portfolio statement template output settings.

6. Ability to specify default complex-level libraries and apply to one or more funds in the complex

FundSuiteArc requires users to assign specific libraries to each fund within a complex on the **Fund Report Settings** page. Rather than designating settings for each fund, efficiency standards mandate the ability to specify default settings for a complex and have the ability to apply those settings to one or more funds that belong to the complex. This feature eliminates the need to specify the same settings to each fund individually.

7. Ability to create category library exceptions

Similar funds within a complex are typically assigned the same category library(ies). This allows users to make changes to one fund and not impact other funds. In some cases, specific securities may require an exception to the standard categorization. FundSuiteArc now allows users to create such exceptions while maintaining the data in the associated category library and while not impacting remaining funds which hold the same security.

8. Pop-up dialogue enhancements

All existing "warning", "error", "informational" and "confirmation" pop-up dialogues were enhanced to provide consistency when messages are displayed within FundSuiteArc.

9. Calculation status indicator for portfolio statements

The **Fund Holdings** page was enhanced to include a calculation status. The goals of the calculation status are to (1) calculate the primary portfolio statement values, (2) identify the last time fund holdings were calculated, (3) identify triggers that require values to be recalculated, (4) automatically calculate values on the Fund Holdings page and (5) improve the performance of the **Fund Holdings** page.

10. **Ability to create projects without assigning templates/libraries in project template**

Project components may not always be available during the initial stages of the production cycle. Enhancements were made to the project template that allow users to create "placeholders" for specific items instead of having to assign specific templates/libraries before rendering a project.

In addition, shareholder reports can exhibit specific behavior where some financial statements are not applicable to all funds in the project. Enhancements were also made which allow users to identify which funds are to be excluded for a given financial statement chapter that is set as *All Funds - Single*.

11. **"Awaiting Processing" status message on Archive page for FTP loads**

Previous versions of FundSuiteArc could receive multiple FTP files for the same load type (*Holdings, Class Balances, Fund Data Points* and *Repo Collateral*), but on the **Archive** page users had no visual indicator when files were received and were waiting in a queue. Users now have a visual indicator when files have been received and are awaiting acceptance or rejection of the first file.

12. **Ability to create and deploy custom reports**

A new Reports Library allows RRD to build and deploy custom reports to all or specific FundSuiteArc clients. This functionality lays the groundwork for clients to build their own custom reports.

2) Enhancements to ArcFiling

1. "Clear all filters" functionality for specific data grids

Data grids on FundSuiteArc pages currently allow users to set filters on individual columns. A new CLEAR ALL FILTERS button was added for user efficiency.

2. XML Review Report enhancements

The XML Review Report was created to help users analyze the XML components contained within an N-MFP filing. Enhancements to this report were added to help users analyze the various components in a more efficient manner.

3. Display "Last Name, First Name" for submitter on Submission Status widget

The **Submission Status** widget allows clients to easily view the status of their ArcFiling submissions to the SEC and/or ICI. In addition to the filing's submission status, the widget provides additional details such as the date/time of the submission and who submitted the filing.

4. N-MFP XML schema validation prior to submission to SEC

N-MFP submission functionality in previous versions of FundSuiteArc only allowed users to validate the filing against the N-MFP XML schema through submission of a *LIVE* or *TEST* filing to the SEC. Having the ability to validate the XML schema prior to filing allows users to correct any issues existing in the filing in a more timely manner. This new functionality increases the efficiency during live production.

5. Storage of filed XML and automatic incrementation of draft version

FundSuiteArc was enhanced to store successful *LIVE* filings within the system. As the XML is stored, the XML version is incremented to the subsequent version. This feature allows users to retrieve the stored XML in the event it is needed for reference purposes.

6. Consolidated submission header information

The N-MFP module was enhanced to include all submission header information on one page, rather than dispersed across several pages. A new **Submission Information** page rolls its values forward to subsequent account periods and eliminates the need for users to update otherwise static information.

Enhancements Common to Multiple Products

1) Ability to go directly to security on Fund Holdings page from SOI preview

Overview

Reviewing the schedule of investments via the **Project** page sometimes reveals the need to make adjustments to components of the security. To do this, users now can go directly to a security on the **Fund Holdings** page by double-clicking on the security in the portfolio statement preview on the **Project** page.

What's New

Functionality was enhanced so users are brought to the **Fund Holdings** page and directly to the corresponding security. The functionality also works for *Aggregated Securities* and *Other Securities* found on the *Condensed* portfolio statements. The default behavior is to filter the **Fund Holdings** page by the associated Master Identifier of the security selected in the Project preview; this means that the only securities displayed on the **Fund Holdings** page are those security(ies) selected from the portfolio preview.

Examples:

- Dover Corporation* on the portfolio preview was categorized incorrectly.

a. Portfolio preview

Aflac Inc.	656,910	33,968,816
Arthur J. Gallagher & Co.	874,700	23,065,839
Erie Indemnity Co.	1,733,082	97,156,577
Mercury General Corp.	290,519	11,873,512
RLI Corp.	426,359	24,140,447
		190,205,191
Machinery 5.0%		
Donaldson Co. Inc.	506,052	23,850,231
Dover Corp.	2,087,500	108,988,375
Nordson Corp.	102,049	7,519,991
		140,358,597

- b. **Fund Holdings** page (after double-clicking on *Dover Corp.* security from preview)

	Master Identifier 	CUSIP 	Shares 	Caption 	Market Value 
	100000036	100000036	2,087,500.00	Dover Corp.	108,988,375.00

2. Portfolio contains aggregated securities (e.g., *GE*) and user needs to view information on the **Fund Holdings** page specific to the *GE* securities.

a. Portfolio preview

Shares	Caption	Coupon Rate	Maturity Date	Value
Utilities				
50,000	GE	1.00% - 2.00%	12/31/2011 - 12/31/2012	70,000
Technology				
15,000	IBM	5.00%	12/31/2014	30,000

b. **Fund Holdings** page (after double-clicking on *GE* security from preview)

Master I	Investmen	Shares	Caption	Coup	Maturity	Marke
114458UU1	Security/Bond	11,000.00	GE	1.000000	12/31/2011	10,000.00
114458UU2	Security/Bond	12,000.00	GE	1.000000	12/31/2011	15,000.00
114458UU3	Security/Bond	13,000.00	GE	1.000000	12/31/2012	20,000.00
114458UU4	Security/Bond	14,000.00	GE	2.000000	12/31/2011	25,000.00

3. User has a need to view securities that comprise *Other Securities* in a condensed Portfolio.

a. Portfolio preview

Common Stocks – 96.93%	
General Dynamics Corp	21,481,020.00
United Technologies Corp.	130,046,748.00
Roper Industries Inc.	132,381,167.00
Wal-Mart Stores Inc.	131,145,408.00
Becton, Dickinson and Co.	128,231,236.00
The Procter & Gamble Co.	126,596,670.00
Praxair Inc.	139,079,919.00
Abbott Laboratories & Co.	132,564,224.00
Family Dollar Stores Inc.	142,246,426.00
International Business Machines Corp.	135,025,324.00
Other Securities	1,487,153,535.00
Total Common Stocks	

b. **Fund Holdings** page (after double-clicking on *Other Securities* from preview)

	Master Ider	CUSIP	Shares	Caption	Market Value
	100000002	100000002	3,705,800.00	Hudson City Bancorp Inc.	45,433,108.00
	100000003	100000003	156,646.00	Peoples Bancorp Inc.	1,937,711.00
	100000004	100000004	496,478.00	TrustCo Bank Corp. NY	2,760,417.00
	100000005	100000005	212,603.00	U.S. Bancorp	4,596,477.00
	100000006	100000006	1,145,249.00	ABM Industries Inc.	24,725,926.00
	100000007	100000007	758,600.00	Cintas Corp.	20,899,430.00
	100000008	100000008	219,200.00	Superior Uniform Group Inc.	2,027,600.00
	100000009	100000009	594,253.00	Kid Brands Inc.	5,110,576.00
	100000010	100000010	1,097,590.00	Leggett & Platt Inc.	24,981,148.00
	100000011	100000011	1,366,700.00	Hillenbrand Inc.	29,397,717.00
	100000012	100000012	424,000.00	State Street Corp.	15,967,840.00
	100000013	100000013	2,534,825.00	Brady Corp.	73,940,845.00

Additional Information

It is important to note that the fund specified in the fund selection bar (at the top of the browser window) controls the seek-through functionality, meaning that if users select a statement for a fund that differs from the one specified in the fund selection bar, the functionality will not work properly. If this functionality is used for a fund that differs from the one in the fund selection bar, users must change the fund selection in the fund selection bar and then pick the appropriate project.

Process Changes

No changes to current processes are required.

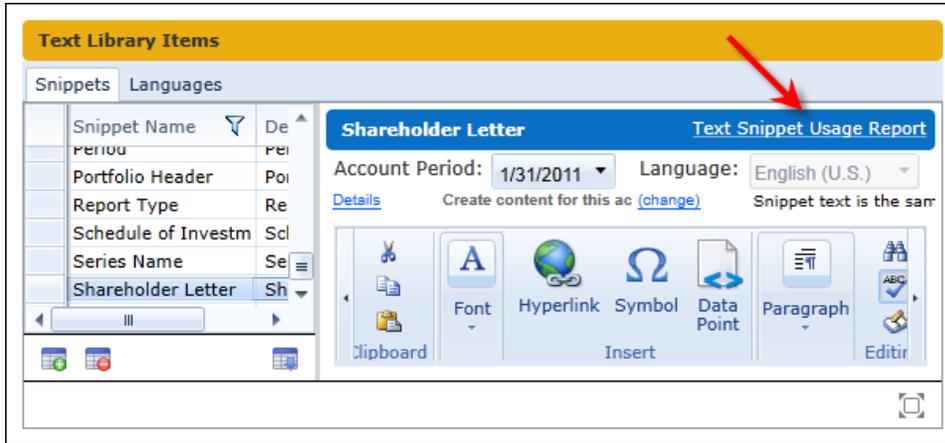
2) Increased workspace in text editor

Overview

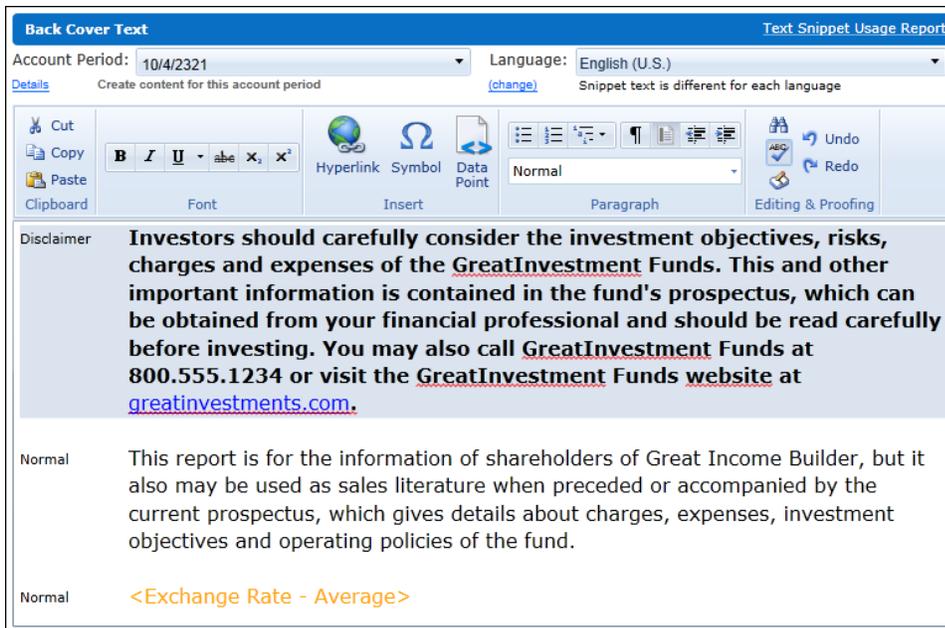
The text editor was reconfigured with the goal of providing users more space to create, edit or view snippet text. Users need enough space to accommodate efficient creation and maintenance of snippet content.

What's New

1. The TEXT SNIPPET USAGE REPORT link was moved from the listing grid on the SNIPPETS tab to the right side of the the text editor heading bar.



2. Only the text editing pane, with its associated formatting/editing controls, is visible when the user maximizes the page.



3. The point size of the text in the editing pane was reduced to allow for the display of more text at once.

Process Changes

No changes to current processes are required.

3) Ability to adjust portfolio statement column widths in Project page preview area

Overview

The ability to adjust column widths within the preview interface of the **Project** page is needed to review data on-screen. Prior to this release, the column widths on the portfolio preview were set to accommodate the longest text in a single cell; this often resulted in a column with a width wider than the viewable area on the page. Users now can manually adjust the column widths to satisfy their preference.

What's New

1. Column headers were added to the portfolio statement preview area on the **Project** page.
2. Users can manually adjust the width of each column.

Portfolio Statement		
Schedule of Investments		
Template Used: Donnelley Equity Funds Output Settings		
Donnelley Dividend Fund	Shares	Value
Common Stocks 96.9%		
Aerospace & Defense 4.7%		
United Technologies Corp. (a)	1,825,730	130,046,748
		130,046,748
Banks 15.1%		
Brady Corp.	2,534,825	73,940,845
Family Dollar Stores Inc.	3,221,160	142,246,426
Hudson City Bancorp Inc. (b)	3,705,800	45,433,108
McCormick & Co. Inc.	2,146,400	90,234,656

- a. Column width is adjusted by "grabbing" the vertical column divider lines and dragging them to the desired width.
- b. The maximum permitted column width is 1.5 inches.
- c. Text exceeding a column's specified width wraps.
- d. The statement body resizes as the column width is adjusted.

Process Changes

No changes to current processes are required.

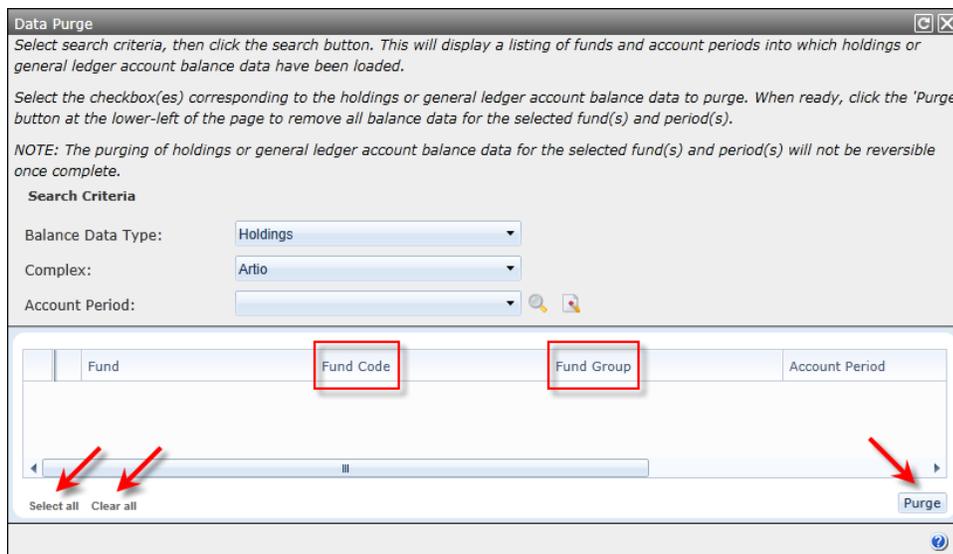
4) Usability enhancements to Data Purge page

Overview

Before performing a data purge operation, it is imperative that users have all necessary information about the data that will be affected. The addition of fields to the **Data Purge** page to identify data properties and to quickly select/de-select all data in the results grid allows users to make more informed decisions prior to purging data from the system and to work more efficiently.

What's New

1. FUND CODE and FUND GROUP columns were added to the results grid.
2. SELECT ALL and CLEAR ALL links were added to the page, allowing users to easily select or de-select all rows of data in the results grid.
3. The PURGE button was moved to the lower-right corner of the page.



The screenshot shows the 'Data Purge' window. At the top, there are instructions: 'Select search criteria, then click the search button. This will display a listing of funds and account periods into which holdings or general ledger account balance data have been loaded.' Below this is another instruction: 'Select the checkbox(es) corresponding to the holdings or general ledger account balance data to purge. When ready, click the 'Purge' button at the lower-left of the page to remove all balance data for the selected fund(s) and period(s).' A note states: 'NOTE: The purging of holdings or general ledger account balance data for the selected fund(s) and period(s) will not be reversible once complete.'

The 'Search Criteria' section includes three dropdown menus: 'Balance Data Type' (set to 'Holdings'), 'Complex' (set to 'Artio'), and 'Account Period'. Below the search criteria is a table with columns: 'Fund', 'Fund Code', 'Fund Group', and 'Account Period'. The 'Fund Code' and 'Fund Group' columns are highlighted with red boxes. At the bottom left of the table area, there are 'Select all' and 'Clear all' links, with red arrows pointing to them. At the bottom right, there is a 'Purge' button, also with a red arrow pointing to it.

All balance data types eligible for data purge may leverage these enhancements.

Process Changes

No changes to current processes are required.

5) Ability to move column mappings on Portfolio Statement Template Output Settings page

Overview

In the management of portfolio statement template output settings, efficiencies in the mapping process are a necessity. In previous versions of FundSuiteArc, any desired changes to column mappings required the user to delete existing mapping and remap the items to the grid. The ability to change the order of mapped items or to move existing mapped items to a different column was provided to improve efficiency when updating portfolio statement template output settings.

What's New

Changes to portfolio output settings involved both the user interface and related functionality.

1. User Interface
 - a. MOVE COLUMN LEFT and MOVE COLUMN RIGHT buttons ◀ ▶ were added below the column mapping grid of the **Portfolio Statement Template Output Settings** page to facilitate the movement of entire columns, together with their mapped data points.
2. Functionality
 - a. Users can control the placement of each mapped item within a column (behavior in previous versions placed subsequently-mapped items to the end of the cell).

Example:

The security node is mapped as follows: *<Caption><Percent of Net Assets>*, and the user wants to add literals which include two spaces and a hyphen (-). Literals should be placed between *<Caption>* and *<Percent of Net Assets>*. Previous versions placed the literals after *<Percent of Net Assets>* and the user had to click the FORMAT ITEMS tab to move the literals to the correct position.

1. Steps to add mapping to an existing mapped column are as follows.
 - a. Select the LITERALS tab and select the *<space>* element.
 - b. Click and drag the *<space>* literal and drop it between the *<Caption>* and *<Percent of Net Assets>* elements.



- b. Users can to move mapped items within a column.

Example:

User needs to rearrange the mapping within a column. User needs to move *<Caption Footnote>* to the position preceding *<Caption>*.



1. Steps to move <Caption Footnote> before <Caption> are as follows.

- a. Left-click on the <Caption Footnote> element.
- b. Drag and drop the element to the position immediately preceding the <Caption> element.



c. Users can move mapped items between columns.

Example:

User needs to move a mapped literal value from COLUMN 3 to COLUMN 2, leaving the other mapped items in each of the columns intact.

1. Steps to move the mapped literal value from one column to another are as follows.
 - a. Left-click on the literal value element in COLUMN 3.
 - b. Drag and drop the element to the desired position among other existing elements in COLUMN 2.

d. Users can change the placement of entire columns, including their mapped items.

Example:

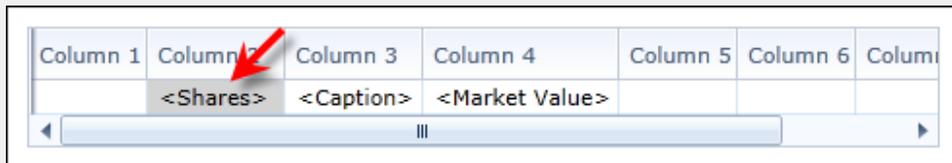
User has the following data points mapped.



After comparing mapped items to printed book, the user realizes that <Shares> should be mapped in COLUMN 2, and <Caption> should be mapped in COLUMN 3.

1. Steps to "swap" the columns in which the items are mapped are as follows.

- a. Click the COLUMN 3 column header.
 The MOVE COLUMN LEFT and MOVE COLUMN RIGHT buttons at lower-left of the column mapping grid are enabled.
- b. Click the MOVE COLUMN LEFT button once.
 COLUMN 3 and its mapped items (<Shares>, in this case) move to COLUMN 2 and COLUMN 2 and its mapped items (<Caption>) move to COLUMN 3.



Additional Information

- Any changes to mapping change the page's state to *Modified*, meaning that the user must save the changes.
- Functionality to remove any mapped items entirely still resides on the FORMAT ITEMS tab.

Process Changes

No changes to current processes are required.

6) Ability to specify default complex-level libraries and apply to one or more funds in the complex

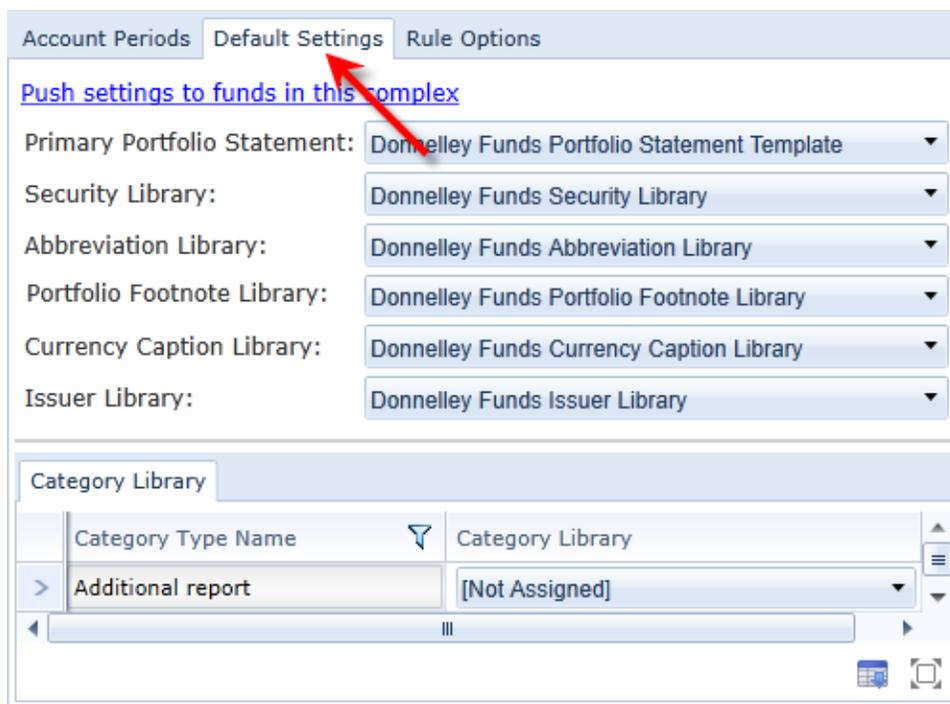
Overview

FundSuiteArc requires users to assign specific libraries to each fund within a complex on the **Fund Report Settings** page. Rather than designating settings for each fund, efficiency standards mandate the ability to specify default settings for a complex and have the ability to apply those settings to one or more funds that belong to the complex. This feature eliminates the need to specify the same settings to each fund individually.

What's New

Using this functionality requires the use of several new features within FundSuiteArc. All new features can be found on the **Fund Report Settings** page.

1. A DEFAULT SETTINGS tab was added at the complex level on the **Fund Report Settings** page.



The screenshot shows the 'Default Settings' tab in the 'Fund Report Settings' interface. It features a 'Push settings to funds in this complex' link at the top, highlighted with a red arrow. Below this are several dropdown menus for assigning default templates and libraries:

- Primary Portfolio Statement: Donnelley Funds Portfolio Statement Template
- Security Library: Donnelley Funds Security Library
- Abbreviation Library: Donnelley Funds Abbreviation Library
- Portfolio Footnote Library: Donnelley Funds Portfolio Footnote Library
- Currency Caption Library: Donnelley Funds Currency Caption Library
- Issuer Library: Donnelley Funds Issuer Library

Below these is a 'Category Library' section with a table:

Category Type Name	Category Library
Additional report	[Not Assigned]

- a. The tab allows users to assign the following default templates and libraries.
 - i. Primary Portfolio Statement Template
 - ii. Security Library
 - iii. Abbreviation Library
 - iv. Portfolio Footnote Library
 - v. Currency Caption Library
 - vi. Issuer Library
 - vii. Category Library(ies)

2. A **PUSH SETTINGS TO FUNDS IN THIS COMPLEX** link at the top of the **DEFAULT SETTINGS** tab allows users to apply all complex-level assignments specified funds that belong to the complex.
 - a. Clicking the link allows users to specify the fund(s) to which the settings will be applied.

Please Note:

Settings may only be applied to funds that belong to the current complex.

- b. Any new fund added to the complex on the **Funds** page automatically receives the default settings specified at the complex level.

Additional Information

Users can still manually change individual fund settings.

Process Changes

No changes to current processes are required.

7) Ability to create category library exceptions

Overview

Similar funds within a complex are typically assigned the same category library(ies). This allows users to make changes to one fund and not impact other funds. In some cases, specific securities may require an exception to the standard categorization. FundSuiteArc now allows users to create such exceptions while maintaining the data in the associated category library and while not impacting remaining funds which hold the same security.

What's New

A USE FUND EXCEPTION option button was added to the existing Edit Categorization dialogue, which allows users to (manually) create category library exceptions for single securities or multiple securities. Users can remove the exception at any time and link back to the category library settings.

Creating a category exception

- The Edit Categorization dialogue is accessed by selecting one or more securities in the data grid on the HOLDINGS tab of the **Fund Holdings** page, right-clicking a selected row and choosing the *Recategorize Security(ies)* item from the context menu that appears. Here, users can specify an exception for the security(ies) by selecting the USE FUND EXCEPTION option button.



Please Note:

The functionality is enabled only when users choose a specific account period and fund.

- The USE FUND EXCEPTION option button allows users to specify which category type and associated category will be different for the selected security(ies) from what is specified in the category library.
- Category library items containing the exception appear in the Fund Holdings grid in orange text to indicate a category exception was created.

Example:

A project contains three funds: *Donnelley Dividend Fund*, *Donnelley Aggressive Growth Fund* and *Donnelley Balanced Fund*. All three funds are assigned the same security library and hold the same holdings. The portfolio managers for the Donnelley Aggressive Growth Fund and the Donnelley Balanced Fund prefer to categorize *Kid Brands, Inc.* under *Consumer Durables*, while the portfolio manager for the Donnelley Dividend Fund prefers to categorize the same security under *Consumer Durables & Apparel*.

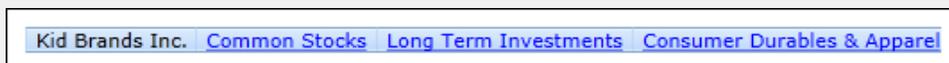
Follow the steps below to meet the objectives:

1. Create a category exception for *Kids Brands, Inc.* for the Donnelley Dividend Fund.
 - a. Open the **Fund Holdings** page for the Donnelley Dividend Fund.
 - b. Select the *Kids Brands, Inc.* security.
 - c. Right-click the security row.
 - d. Select *Recategorize Security(ies)* item from the context menu.
 - e. Choose the category type which will have the exception (e.g., *GICS Industry*).
 - f. Choose the category (i.e., *Consumer Durables*).
 - g. Select the USE FUND EXCEPTION option button.
 - h. Click the ACCEPT button  at lower-right of the dialogue.
 - i. Click the SAVE button  at lower-right of the page.

2. Validate that the Donnelley Dividend Fund contains a category exception for *GICS Industry*.



3. Validate that the Donnelley Aggressive Growth and Balanced Fund do not contain a category exception for *GICS Industry*.



Removing a category exception

1. Choose one or more securities and right-click a selected security row.
2. Select the *Recategorize Security(ies)* item from the context menu.
 The Edit Categorization dialogue appears.
3. Select the USE CATEGORY LIBRARY option button.



4. Click the ACCEPT button  at lower-right of the dialogue.
 The text for category library items that was displayed in orange text becomes black, indicating no category exception exists.

Additional Information

- Users can to multi-select securities and make category exceptions or link to library.
- All category exceptions display on the securities.

Process Changes

No changes to current processes are required.

8) Pop-up dialogue enhancements

Overview

All existing "warning", "error", "informational" and "confirmation" pop-up dialogues were enhanced to provide consistency when messages are displayed within FundSuiteArc.

What's New

The message boxes were changed to provide a visual indication of the type of message being conveyed. Different images are displayed at upper-left of the message dialogue, based on the message type.

	Indicates a warning message, which implies something is not quite right but users can proceed.
	Indicates an error message, which implies a failure and the inability to continue.
	Indicates a confirmation message, which implies users must make a decision before proceeding.
	Indicates an informational message, which implies a process has completed.

The background color of the message box was also changed from black to white, and the message text is now displayed in black.

Process Changes

No changes to current processes are required.

9) Calculation status indicator for portfolio statements

Overview

The **Fund Holdings** page was enhanced to include a calculation status. The goals of the calculation status are to (1) calculate the primary portfolio statement values, (2) identify the last time fund holdings were calculated, (3) identify triggers that require values to be recalculated, (4) automatically calculate values on the Fund Holdings page and (5) improve the performance of the **Fund Holdings** page.

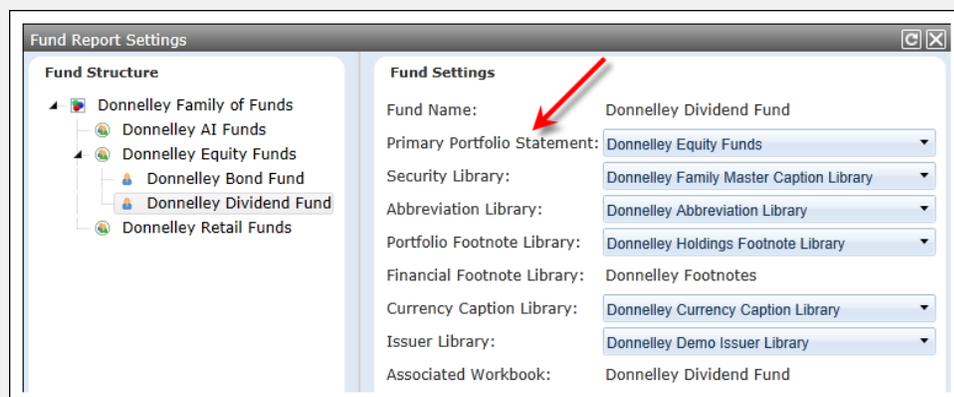
What's New

1. The concept of a "Primary Portfolio Statement" and associated "Secondary Portfolio Statement(s)" was introduced with this functionality. This new paradigm offers a solution to the need for users to display consistent numerical values on all statements that contain holdings data for a given fund and account period. The calculated values of the primary portfolio statement are stored within FundSuiteArc and the secondary portfolio statement(s) can use the footed values of the primary statement. This functionality is useful when preparing a schedule of investments and a related diversification report—market values on both statements must be consistent.

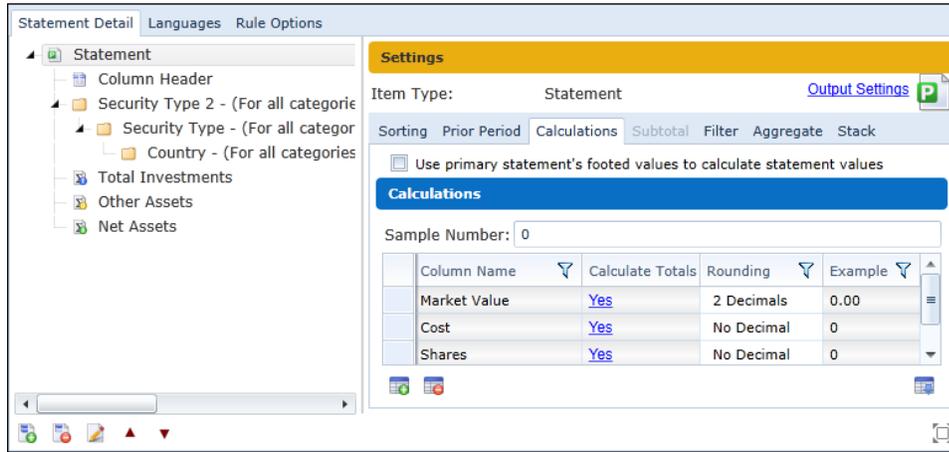
Each fund can specify only one portfolio statement that represents the primary statement.

Please Note:

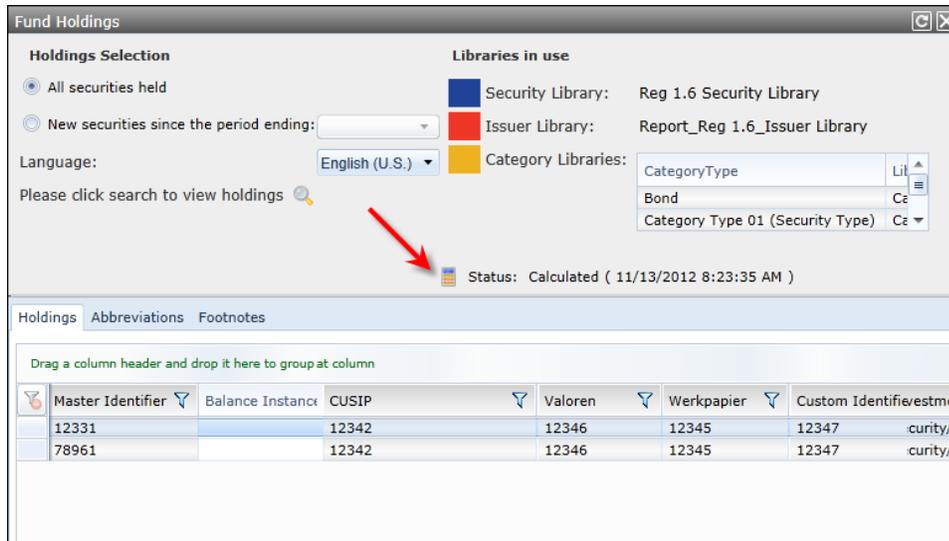
A primary portfolio statement assignment is required for preview/output of numerical values. Users assign the primary statement on the **Fund Report Settings** page.



2. A USE PRIMARY STATEMENT'S FOOTED VALUE TO CALCULATE STATEMENT VALUES check box was added to the CALCULATIONS tab of the **Portfolio Statement Templates** page. Selecting the check box designates a statement template as a secondary portfolio statement.



- a. This option is selected by default when a new portfolio statement template is created. With the option selected, the statement pulls footed values from the **Fund Holdings** page, thereby ensuring that the numbers are consistent from one statement to the next.
 - b. Any values on the primary statement that are not calculated return 0 on the secondary statement(s). If the secondary statement(s) requires these calculations, users must add the values to the CALCULATIONS tab for primary statement's template.
3. The **Fund Holdings** page displays a calculation status directly above the grid on the HOLDINGS tab, which includes the date and time the holdings was last calculated. The calculation status displayed on the **Fund Holdings** page indicates that the primary portfolio statement values have been calculated.



- a. The holdings for each fund and account period have one of three calculation statuses.
 - i. *Not Calculated*
 - A. Indicates that underlying values or templates have been updated and the fund holdings needs to be calculated.
 - ii. *Calculated*
 - A. Indicates that the fund holdings have been calculated and the underlying values have not changed since the date/time stamp shown.

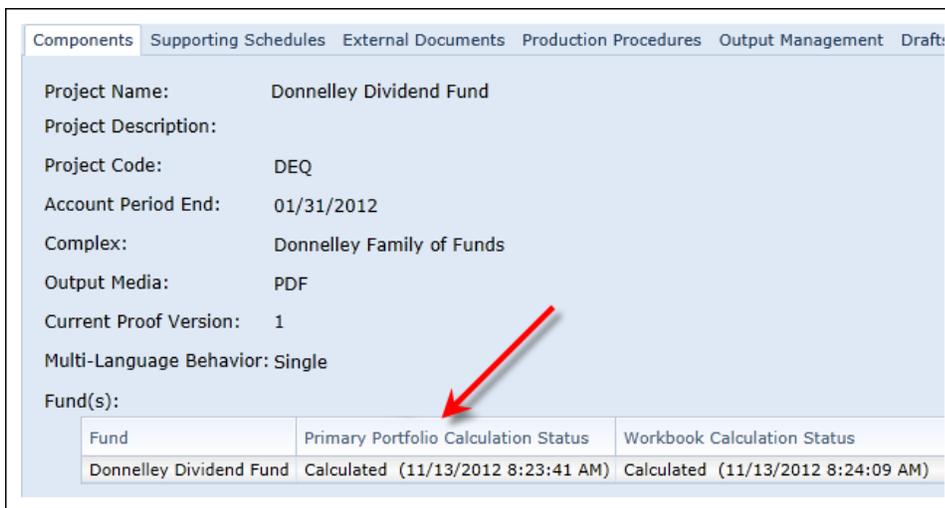
- iii. *Calculating*
 - A. Indicates that the fund holdings is calculating values.
- b. Fund holdings for a primary portfolio statement in a *Not Calculated* state are calculated when an account period is open and one of the following occurs:
 - i. The automated calculation process calculates any financial workbooks with a *Not Calculated* status.
 - ii. The **Fund Holdings** page is opened (this includes opening the page by means of the *Abbreviations* menu item or the *Footnotes* menu item).
 - iii. The primary portfolio statement is previewed via the **Project** page.
 - iv. A secondary portfolio statement is previewed via the **Project** page.
 - v. Output containing a portfolio statement is generated from the **Project** page.
 - vi. The CALCULATE FUND HOLDINGS button  on the **Fund Holdings** page is clicked to manually calculate a statement.
- c. Once fund holdings have been calculated, there are several actions users can perform that change the status to *Not Calculated*. When any of the following actions are performed, the calculation status changes for the fund(s) and account period(s) impacted. Following any of these actions, users must manually trigger the calculation or close and re-open the **Fund Holdings** page.
 - i. Holdings are loaded/imported.
 - A. All the funds/account periods in the file are changed and users must manually trigger the calculation or close and re-open the page.
 - ii. Changes are saved for any of the following pages (all funds and open account periods assigned the respective libraries change the calculation status).
 - A. Fund Holdings
 - B. Security Libraries
 - C. Issuer Libraries
 - D. Currency Caption Libraries
 - E. Category Libraries
 - F. Footnote Libraries - Holdings
 - G. Abbreviation Libraries
 - iii. Changes are saved for a financial workbook template associated with the fund.
 - A. Updates to a financial workbook template change the workbook template's calculation status to *Not Calculated* for funds assigned to the template and open account periods. The calculation status of fund holdings for these same funds are set to *Not Calculated*.
 - B. Portfolio statements can still link to *Net Assets* and other values in a financial workbook template with a calculation status of *Not Calculated*.

- d. Certain user actions change the calculation status to *Not Calculated* for every fund using the template as their primary portfolio statement and other account periods using the template. Following any of these actions, users must manually trigger the calculation or close and re-open the **Fund Holdings** page.
 - i. Changes are saved on the **Portfolio Statement Templates** page.
 - ii. Changes are saved on the **Portfolio Statement Template Output Settings** page.

Please Note:

The calculation status displayed on the **Fund Holdings** page does not continually refresh. Users can create situations where the fund is in a *Not Calculated* state, even though the page display indicates that it has been *Calculated*, and vice versa. This may happen if any of the above actions are performed after the **Fund Holdings** page was opened or if the actions are performed by other users.

4. The calculation status of the primary portfolio statement displays on the COMPONENTS tab of the **Project** page when the *Project* node of the project tree view is selected. The status displays for each fund in the project.



Components Supporting Schedules External Documents Production Procedures Output Management Drafts		
Project Name:	Donnelley Dividend Fund	
Project Description:		
Project Code:	DEQ	
Account Period End:	01/31/2012	
Complex:	Donnelley Family of Funds	
Output Media:	PDF	
Current Proof Version:	1	
Multi-Language Behavior:	Single	
Fund(s):		
	Primary Portfolio Calculation Status	Workbook Calculation Status
Donnelley Dividend Fund	Calculated (11/13/2012 8:23:41 AM)	Calculated (11/13/2012 8:24:09 AM)

- a. Additional project setup can impact the status of the portfolio statement template on the **Project** page.
 - i. If no primary portfolio statement is designated on the **Fund Report Settings** page for a given fund, the **Project** page displays a *Not Calculated* status.
 - ii. If no holdings data have been loaded/imported or manually entered for the fund and account period, the **Project** page displays a *No Balance Set* status.

Additional Information

- The portfolio preview and output generation on the **Project** page uses the calculated information.
- The calculated status for closed account periods does not change.
- If a portfolio statement template is shared across multiple projects, calculating the portfolio, calculates for all the projects.

Process Changes

No changes to current processes are required.

10) Ability to create projects without assigning templates/libraries in project template

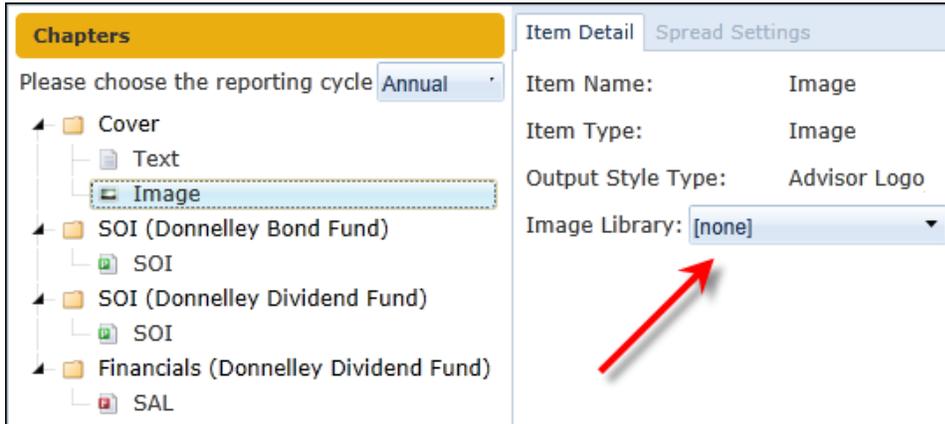
Overview

Project components may not always be available during the initial stages of the production cycle. Enhancements were made to the project template that allow users to create "placeholders" for specific items instead of having to assign specific templates/libraries before rendering a project.

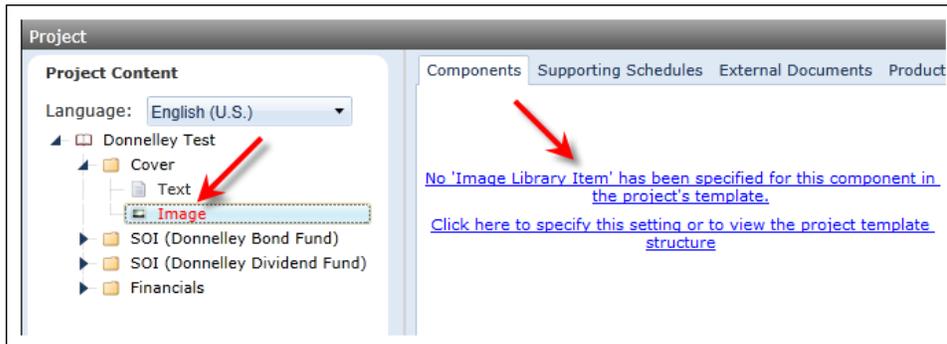
In addition, shareholder reports can exhibit specific behavior where some financial statements are not applicable to all funds in the project. Enhancements were also made which allow users to identify which funds are to be excluded for a given financial statement chapter that is set as *All Funds - Single*.

What's New

- The CONTENTS tab of the **Project Templates** page now supports a *[none]* selection for the following document item properties: IMAGE LIBRARY, FINANCIAL STATEMENT, PORTFOLIO STATEMENT TEMPLATE, TOP N DISCLOSURE and DIVERSIFICATION.

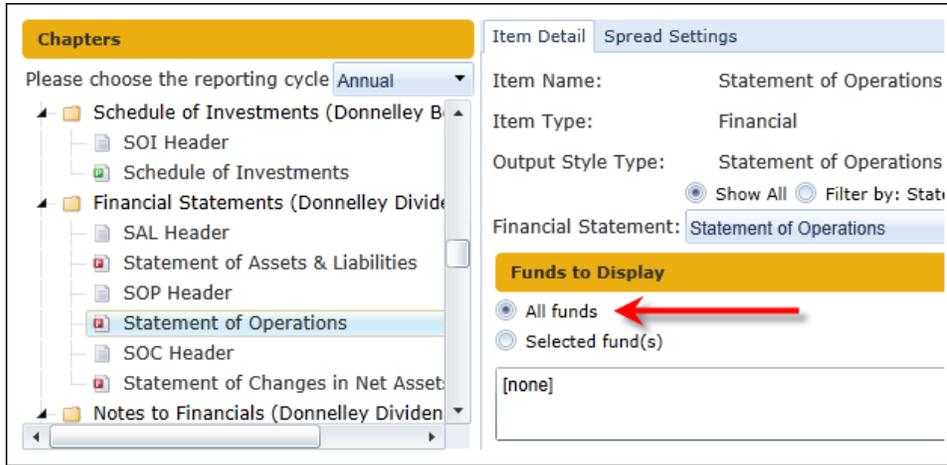


- When viewed via the **Project** page, items assigned *[none]* display in red text, together with a link that takes the user directly to the item for assignment in the project template.



- If the project template is open at the time the link is clicked, users are taken directly to the item.
- If the project template was in a modified state prior to selecting the link, users are prompted to save the template's changes before proceeding.

2. Any chapter set to *All Funds - Single* (typically financial statement chapters) contains functionality to identify which funds display on the statement.
 - a. Selecting a financial statement within an *All Funds - Single* chapter yields a FUNDS TO DISPLAY option.

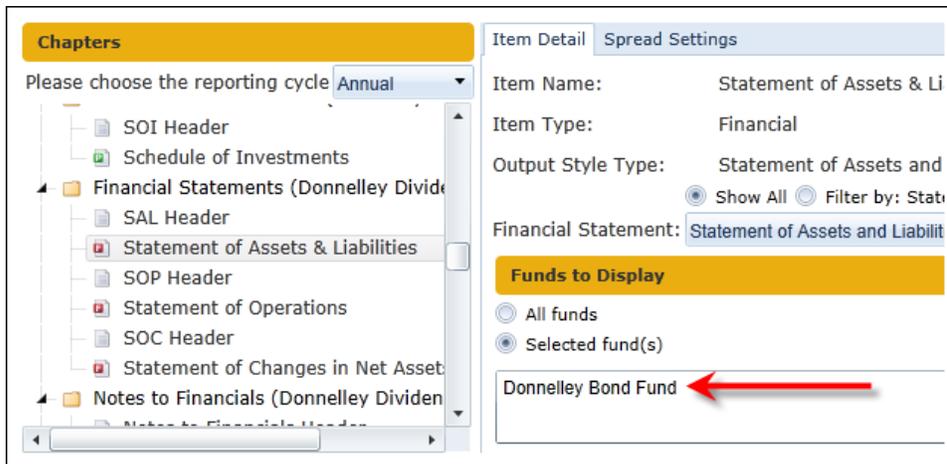


- b. The default selection is *All Funds*, which includes all funds specified via the FUNDS tab.
 - c. Choosing the *Selected fund(s)* option provides an EDIT link, by which users can select the funds to display in the project.
 - d. Any fund not selected is suppressed from the financial statement template in the project.
3. The ADMINISTRATION tab on the **Project** page, which allows users to disconnect a project from the template, displays the options specified in the FUNDS TO DISPLAY section of the ITEM DETAIL tab.

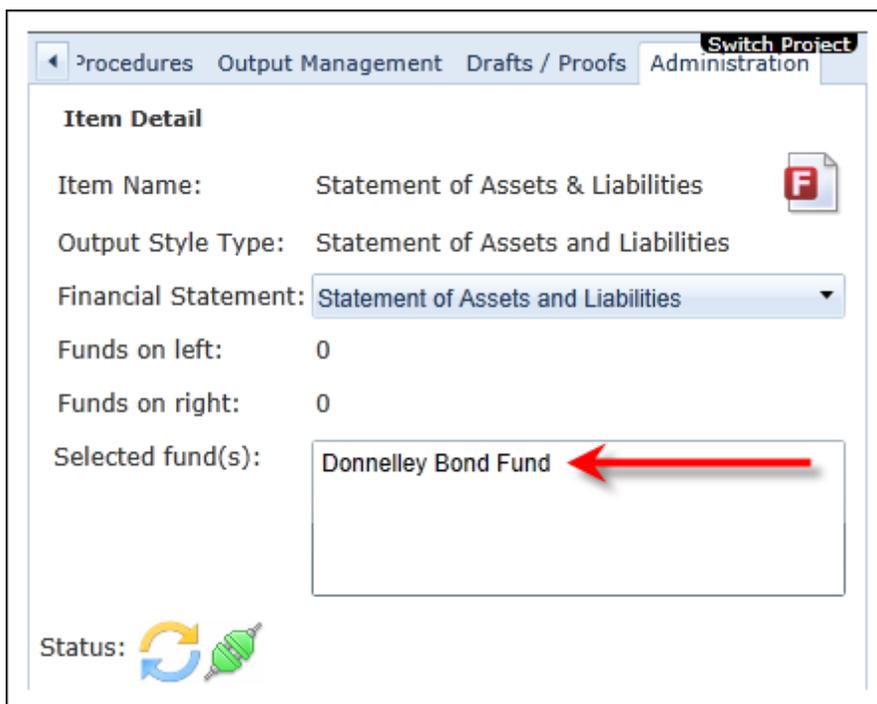
Example:

The project template contains two funds: *Donnelley Dividend Fund* and *Donnelley Bond Fund*. For reporting purposes, the SAL only reports data on the Donnelley Bond Fund.

- a. The project template identifies the Donnelley Bond Fund for display purposes.



- b. The corresponding project displays this same option on the ADMINISTRATION tab.



The screenshot shows a software interface with a navigation bar at the top containing tabs: Procedures, Output Management, Drafts / Proofs, and Administration. The Administration tab is active. Below the navigation bar is a section titled "Item Detail".

Item Name: Statement of Assets & Liabilities (with a file icon containing the letter 'F')

Output Style Type: Statement of Assets and Liabilities

Financial Statement: Statement of Assets and Liabilities (dropdown menu)

Funds on left: 0

Funds on right: 0

Selected fund(s): Donnelley Bond Fund (with a red arrow pointing to the text)

Status: (with a refresh icon and a green virus icon)

Process Changes

No changes to current processes are required.

11) "Awaiting Processing" status message on Archive page for FTP loads

Overview

Previous versions of FundSuiteArc could receive multiple FTP files for the same load type (*Holdings*, *Class Balances*, *Fund Data Points* and *Repo Collateral*), but on the **Archive** page users had no visual indicator when files were received and were waiting in a queue. Users now have a visual indicator when files have been received and are awaiting acceptance or rejection of the first file.

What's New

If more than one file of the same type (*Holdings*, *Class Balances*, *Fund Data Points* and *Repo Collateral*) is loaded via FTP functionality and the first file has not been accepted or rejected by the user, the **Archive** page displays an *Awaiting Processing* status message for each of the subsequent files. This message serves as a visual indicator to users that files have been received by FundSuiteArc. Files are processed in the order they are received in the **Archive**.

Process Changes

No changes to current processes are required.

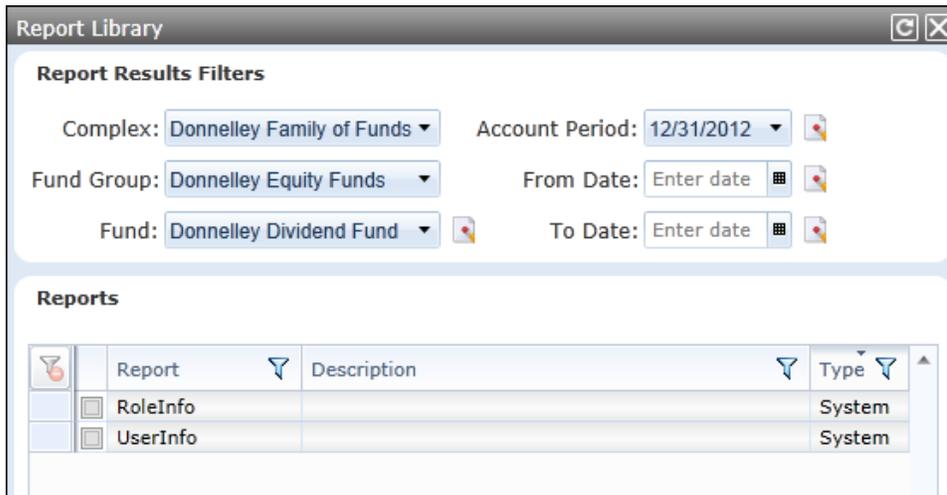
12) Ability to create and deploy custom reports

Overview

A new Reports Library allows RRD to build and deploy custom reports to all or specific FundSuiteArc clients. This functionality lays the groundwork for clients to build their own custom reports.

What's New

1. A **Reports** menu section was added to the REPORTING WORKSPACE tab and the FILING WORKSPACE tab.
2. A *Report Library* item is under the new **Reports** menu section on each tab.
 - a. Clicking the item opens the new **Report Library** page in order to access reports in the library.



- i. To run one of the two built-in reports available in this release, select the report(s) you want to run in the REPORTS grid by selecting the corresponding check box(es).

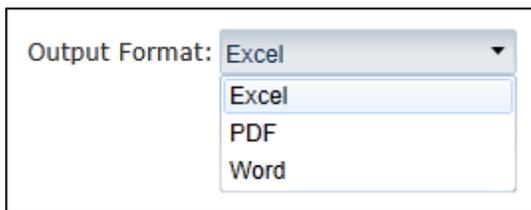
Tip:

You can select all reports by clicking the SELECT ALL link at lower-left of the grid.

Please Note:

The two user reports available in this release do not read any of the settings in the REPORT RESULTS FILTERS area. Those filters are placeholders for future reports that will filter based on those filters.

- ii. Choose the OUTPUT FORMAT for the selected reports via the drop-down list at lower-right.



- iii. Click the GENERATE OUTPUT button  at lower-right of the page.

All selected reports are requested and will appear in the **Output Queue**. From the **Output Queue** the reports can be viewed or saved to a location determined by the user.

Output Queue		Show previous:	24 Hours	Status:	<All>		
<input checked="" type="checkbox"/>	AutoRefresh						
	Status	Completion Time	Message	File Size	View Output	View Message	Save Output
>	Success	11/14/2012 5:15:52 PM	Report Complete	39.07	View	View	Save
	Success	11/14/2012 5:15:49 PM	Report Complete	37.22	View	View	Save
	Success	11/14/2012 5:15:48 PM	Report Complete	36.86	View	View	Save
	Success	11/14/2012 5:15:45 PM	Report Complete	37.22	View	View	Save

Process Changes

No changes to current processes are required.

Enhancements to ArcFiling

1) "Clear all filters" functionality for specific data grids

Overview

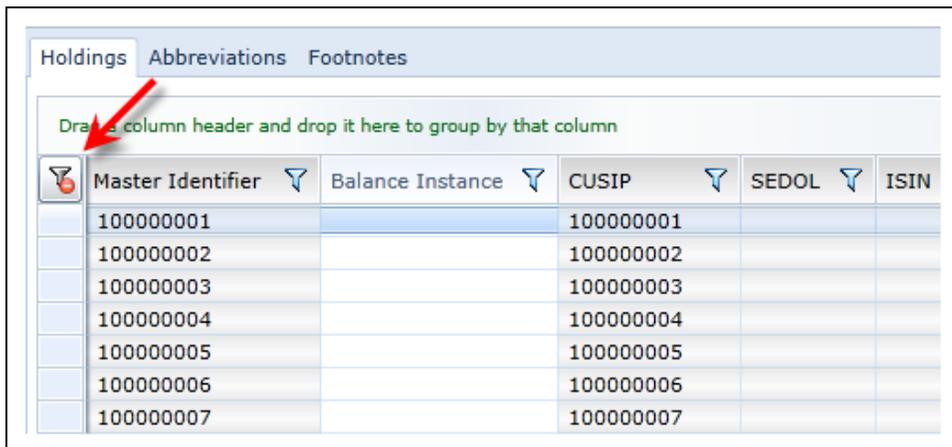
Data grids on FundSuiteArc pages currently allow users to set filters on individual columns. A new CLEAR ALL FILTERS button was added for user efficiency.

What's New

A CLEAR ALL FILTERS button was added to the data grids on the following pages/tabs:

- **Fund Holdings** page
 - HOLDINGS tab
- **Security Libraries** page
 - SECURITY CAPTIONS tab

The button is located in the upper-left corner of each respective grid and is enabled only if one or more columns have a filter applied.



Clicking the CLEAR ALL FILTERS button removes any filters set on all visible columns; it ignores any columns not displayed as part of a custom view.

Process Changes

No changes to current processes are required.

2) XML Review Report enhancements

Overview

The XML Review Report was created to help users analyze the XML components contained within an N-MFP filing. Enhancements to this report were added to help users analyze the various components in a more efficient manner.

What's New

Enhancements to the XML Review Report were made to aid users in the review process, and these changes impact all sheets/tabs of that report. The new features added to the various report sheets include the following items:

1. Enhancements to all sheets
 - a. FUND NAME was added.
 - b. FUND CODE was added.
2. Enhancements to Sheet 4
 - a. CLASS INFORMATION section
 - i. If a class has been added or if the ACTIVE check box on the **Funds** page is cleared, the class information compares the correct class data from the current account period to the prior account period.
 - ii. The comparison matches on EDGAR CLASS IDENTIFIER.
 - b. FUND HOLDING VALIDATION section
 - i. Return *N/A* to the following questions if corresponding Item # is unchecked.
 - A. IF ITEM 37 IS CHECKED, HAS A DEMAND FEATURE ISSUER BEEN ASSIGNED?
 - B. IF ITEM 38 IS CHECKED, HAS A GUARANTOR BEEN ASSIGNED?
 - C. IF ITEM 39 IS CHECKED, HAS AN ENHANCEMENT BEEN ASSIGNED?
 - ii. Added the following questions: ARE ANY MATURITY DATES GREATER THAN 365 DAYS PAST THE CURRENT ACCOUNT PERIOD? and ARE ANY FINAL LEGAL MATURITY DATES GREATER THAN 365 DAYS PAST THE CURRENT ACCOUNT PERIOD?
 - A. The new questions are located directly beneath the IS THE MATURITY DATE LESS THAN OR EQUAL TO THE CURRENT REPORTING DATE? question.
 - B. This feature evaluates both the maturity dates and final legal maturity dates and compares them to the current accounting period.
 1. For Item 35 (*i.e.*, MATURITY DATE), if any fund holdings have a maturity date > 365 days past the current account period, FundSuiteArc returns *Yes* to the question.
 2. For Item 35 (*i.e.*, MATURITY DATE), if any fund holdings have a maturity date < 365 days past the current account period, FundSuiteArc returns *No* to the question.
 3. For Item 36 (*i.e.*, FINAL LEGAL MATURITY DATE), if any fund holdings have a final legal maturity date > 365 days past the current account period, FundSuiteArc returns *Yes* to the question.
 4. For Item 35 (*i.e.*, MATURITY DATE), if any fund holdings have a maturity date < 365 days past the current account period, FundSuiteArc returns *No* to the question.
 - C. If Item 35 or Item 36 evaluates a *Yes*, Sheet 4 displays a comma-delimited list of Master Identifiers that qualify as part of the *Yes* response.

Process Changes

No changes to current processes are required.

3) Display "Last Name, First Name" for submitter on Submission Status widget

Overview

The **Submission Status** widget allows clients to easily view the status of their ArcFiling submissions to the SEC and/or ICI. In addition to the filing's submission status, the widget provides additional details such as the date/time of the submission and who submitted the filing.

What's New

The SUBMITTER column of the results grid indicates who submitted the filing, and now displays this information in the format of *Last Name, First Name*. This information corresponds directly to the information contained on the **Users** page in the Platform Administration area.

Process Changes

No changes to current processes are required.

4) N-MFP XML schema validation prior to submission to SEC

Overview

N-MFP submission functionality in previous versions of FundSuiteArc only allowed users to validate the filing against the N-MFP XML schema through submission of a *LIVE* or *TEST* filing to the SEC. Having the ability to validate the XML schema prior to filing allows users to correct any issues existing in the filing in a more timely manner. This new functionality increases the efficiency during live production.

What's New

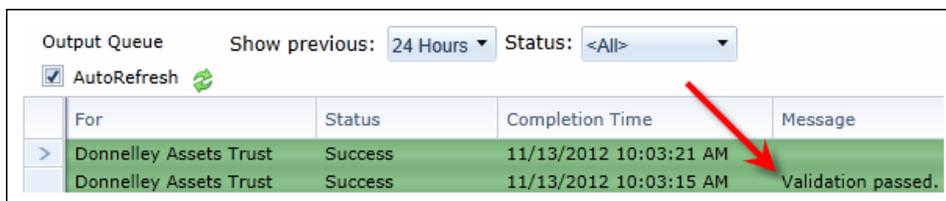
1. When users generate (XML) output from the **Project** page, the XML schema validates against the SEC schema.
2. FundSuiteArc provides users a summary of validation results in both the **Output Queue** and the DRAFT/PROOFS tab of the **Project** page.
 - a. Output Queue
 - i. Successful Validation

- A. The row in the **Output Queue** that represents the XML output displays a green background color with a status of *Success*.



Request Time	Type	For	Status
11/13/2012 10:03:15 AM	N-MFP Review Report	Donnelley Assets Trust	Success
11/13/2012 10:03:15 AM	N-MFP (XML)	Donnelley Assets Trust	Success

- B. The MESSAGE column states *Validation passed*.



For	Status	Completion Time	Message
Donnelley Assets Trust	Success	11/13/2012 10:03:21 AM	
Donnelley Assets Trust	Success	11/13/2012 10:03:15 AM	Validation passed.

1. Clicking the VIEW MESSAGE link displays the following message: *Validation passed. The generated N-MFP XML has successfully passed the SEC XML schema.*

- ii. Failed Validation

- A. The row in the **Output Queue** that represents the XML output displays a yellow background color with a status of *Success with Warnings*.



Request Time	Type	For	Status
10/9/2012 11:16:50 AM	N-MFP Review Report	Legacy King Fund	Success
10/9/2012 11:16:50 AM	N-MFP (XML)	Legacy King Fund	Success with warnings

B. The MESSAGE column states *Validation failed*.

Status	Completion Time	Message	File Size	View Output	View Me
Success	10/9/2012 11:16:52 AM		31.88	View	View
Success with warnings	10/9/2012 11:16:50 AM	Validation failed.	2.82	View	View

1. Clicking the VIEW MESSAGE link displays the following message: *Validation failed. The generated N-MFP XML did not pass the SEC XML schema.*

Message

Validation failed. The generated N-MFP XML did not pass the SEC XML schema.

Validation Error Message: The 'http://www.sec.gov/edgar/nmfp:EntityCentralIndexKey' element is invalid - The value '' is invalid according to its datatype 'http://www.sec.gov/edgar/dei:EntityCentralIndexKey' - The Pattern constraint failed.

Validation Error Severity: Error

Validation Error Line Number: 1

Validation Error Line Position: 728

Validation Error Source:

Validation Error Source Schema:

Validation Error Source Uri: file:///C:/Program Files/Bowne/Argenteus/Bin/V1_8_0/PortfolioManagementService/RequestXmlTemplate/SEC3d8d32b_b3c7_46a2_9b5c

Ctrl+A='Select All' | Ctrl+C='Copy'

- a. Specific information as to the exact conditions for the failure are also provided in the message box. This information is useful for determining and resolving the issue(s) that caused the filing to fail the XML schema.

b. DRAFTS/PROOFS tab

i. Successful Validation

A. A VIEW MESSAGE button displays in the listing grid.

Components	External Documents	Production Procedures	Output Management	Drafts / Proofs	Administration
Draft Cycle	Output Formal	Last Generated Date	For		
1	N-MFP Review Rep	10/18/2012 3:00:45 PM	Morgan Stan	View Output	Save Output
1	N-MFP (XML)	10/18/2012 3:00:40 PM	Morgan Stan	View Output	View Message
1	N-MFP Review Rep	10/18/2012 3:00:39 PM	Morgan Stan	View Output	Save Output
1	N-MFP (XML)	10/18/2012 3:00:34 PM	Morgan Stan	View Output	View Message
1	N-MFP Review Rep	10/18/2012 3:00:33 PM	Morgan Stan	View Output	Save Output
1	N-MFP (XML)	10/18/2012 3:00:26 PM	Morgan Stan	View Output	View Message
1	N-MFP Review Rep	10/18/2012 3:00:24 PM	Morgan Stan	View Output	Save Output
1	N-MFP (XML)	10/18/2012 3:00:07 PM	Morgan Stan	View Output	View Message
1	N-MFP Review Rep	10/18/2012 3:00:05 PM	Morgan Stan	View Output	Save Output

B. Clicking the VIEW MESSAGE button displays the following message: *Validation passed. The generated N-MFP XML has successfully passed the SEC XML schema.*

ii. Failed Validation

A. A VIEW MESSAGE button displays in the listing grid.

Components		External Documents		Production Procedures		Output Management		Drafts / Proofs		Administration	
Draft Cycle	Output Formal	Last Generated Date	For								
1	N-MFP Review Rep	10/9/2012 11:16:52 AM	Legacy King Fund	View Output							Save Output
1	N-MFP (XML)	10/9/2012 11:16:50 AM	Legacy King Fund	View Output	View Message						Save Output

B. Clicking the VIEW MESSAGE link displays the following message: Validation failed. The generated N-MFP XML did not pass the SEC XML schema.

Message

Validation failed. The generated N-MFP XML did not pass the SEC XML schema.

Validation Error Message: The 'http://www.sec.gov/edgar/nmfp:EntityCentralIndexKey' element is invalid - The value '' is invalid according to its datatype 'http://www.sec.gov/edgar/dei:EntityCentralIndexKey' - The Pattern constraint failed.

Validation Error Severity: Error

Validation Error Line Number: 1

Validation Error Line Position: 728

Validation Error Source:

Validation Error Source Schema:

Validation Error Source Uri: file:///C:/Program Files/Bowne/Argenteus/Bin/V1_8_0/DefaultManagementService/RequestXmlTemp/8503bd8d22b_bae7_46a_0bfa

Ctrl+A='Select All' | Ctrl+C='Copy'

1. Specific information as to the exact conditions for the failure are also provided in the message box. This information is useful for determining and resolving the issue(s) that caused the filing to fail the XML schema.

Additional Information

- The schema continues to be validated for both *LIVE* and *TEST* filings as they are submitted to the SEC.
- XML is not sent for submission to the SEC when generating output from the **Project** page.

Process Changes

No changes to current processes are required.

5) Storage of filed XML and automatic incrementation of draft version

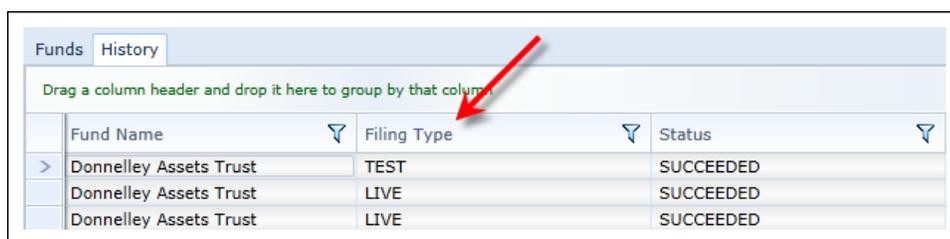
Overview

FundSuiteArc was enhanced to store successful *LIVE* filings within the system. As the XML is stored, the XML version is incremented to the subsequent version. This feature allows users to retrieve the stored XML in the event it is needed for reference purposes.

What's New

The grid on HISTORY tab of the **Filing Manager** page was enhanced to include two additional columns.

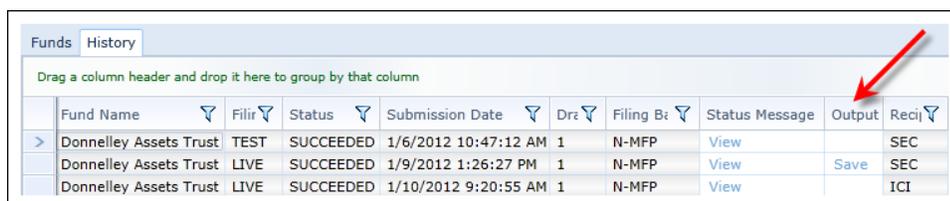
1. FILING TYPE



Fund Name	Filing Type	Status
Donnelley Assets Trust	TEST	SUCCEEDED
Donnelley Assets Trust	LIVE	SUCCEEDED
Donnelley Assets Trust	LIVE	SUCCEEDED

- a. The column displays whether the filing was a *TEST* or *LIVE* filing.

2. OUTPUT



Fund Name	Filing Type	Status	Submission Date	Drz	Filing Bt	Status Message	Output	Recip
Donnelley Assets Trust	TEST	SUCCEEDED	1/6/2012 10:47:12 AM	1	N-MFP	View		SEC
Donnelley Assets Trust	LIVE	SUCCEEDED	1/9/2012 1:26:27 PM	1	N-MFP	View	Save	SEC
Donnelley Assets Trust	LIVE	SUCCEEDED	1/10/2012 9:20:55 AM	1	N-MFP	View		ICI

- a. The column displays a link that allows users to save the generated XML to a local or network drive.
- b. OUTPUT column logic depends on the following submission conditions for N-MFP filings.
 - i. FILING TYPE = *LIVE*
 - ii. STATUS = *SUCCEEDED*
 - iii. RECIPIENT = *SEC*
- c. If all the above conditions are *True*, the following occurs once output processing is complete.
 - i. The XML output is stored in the database.
 - ii. The CURRENT PROOF VERSION value on the OUTPUT MANAGEMENT tab of the **N-MFP Project** page automatically increments to the subsequent version.
 - iii. A clickable SAVE link displays in the cell for the row representing the submission allowing the user to save the XML to a local or network drive.

Process Changes

No changes to current processes are required.

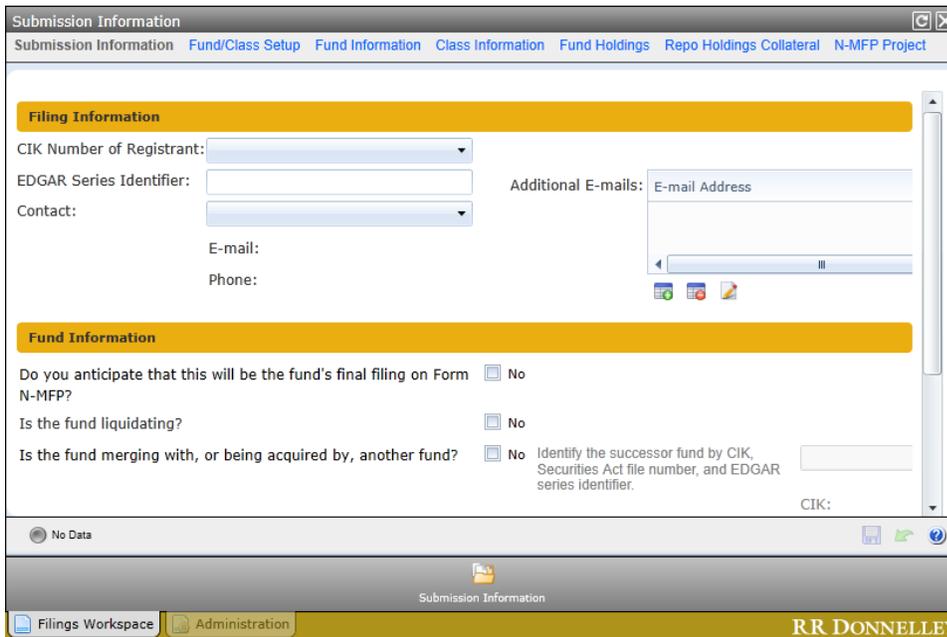
6) Consolidated submission header information

Overview

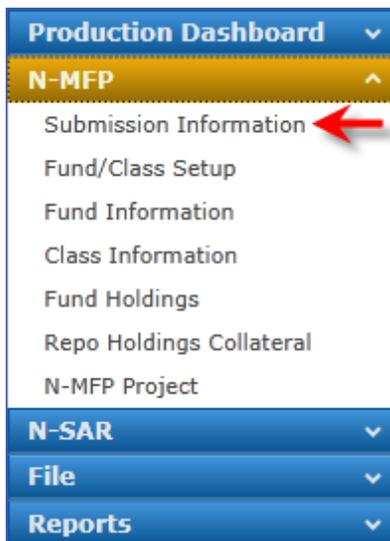
The N-MFP module was enhanced to include all submission header information on one page, rather than dispersed across several pages. A new **Submission Information** page rolls its values forward to subsequent account periods and eliminates the need for users to update otherwise static information.

What's New

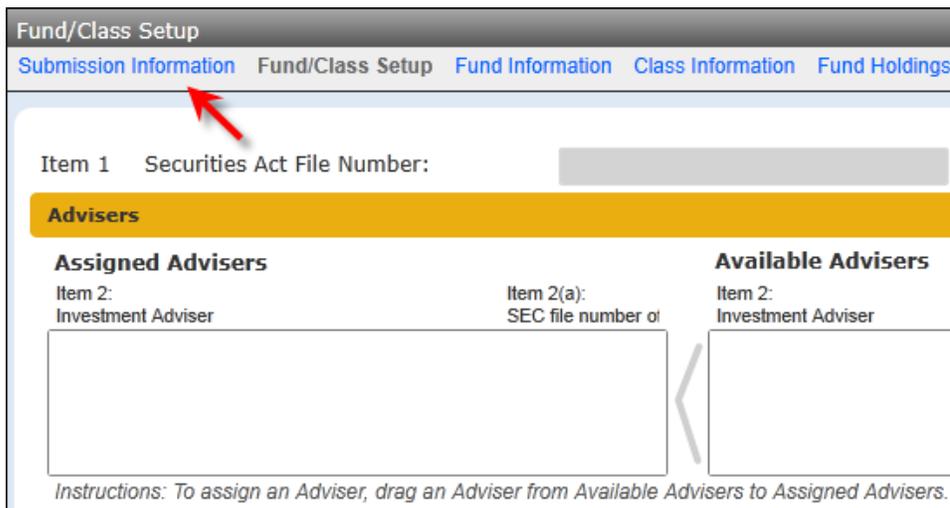
1. A new **Submission Information** page was created in the FILINGS WORKSPACE area.



- a. The page is accessed via the corresponding item in the **N-MFP** menu section.



- b. The page can be opened using the link at the top of the **Fund/Class Setup**, **Fund Information**, **Class Information**, **Fund Holdings**, **Repo Holdings Collateral** or **N-MFP Project** pages.



2. The following items, previously on the **Fund/Class Setup** page, were relocated to the new **Submission Information** page.
 - a. CIK NUMBER OF REGISTRANT
 - b. EDGAR SERIES IDENTIFIER
3. The following items, formerly on the **Fund Information** page, were relocated to the new **Submission Information** page.
 - a. DO YOU ANTICIPATE THAT THIS WILL BE THE FUND'S FINAL FILING ON FORM N-MFP?
 - b. IS THE FUND LIQUIDATING?
 - c. IS THE FUND MERGING WITH, OR BEING ACQUIRED, BY ANOTHER FUND?
 - d. IF THIS IS NOT A FINAL FILING: HAS THE FUND ACQUIRED OR MERGED WITH ANOTHER FUND SINCE THE LAST FILING?
4. The following items, formerly on the **Filing Manager** page's **Submit Filing** dialogue, were relocated to the new **Submission Information** page.
 - a. CONTACT
 - b. ADDITIONAL E-MAILS
 - i. This field was enhanced to allow for the addition of up to 29 additional e-mail accounts.
 - ii. This field was enhanced to allow up to 80 characters.
 - iii. All e-mail recipients receive a message from the SEC on a submitted filing's status.

Process Changes

No changes to current processes are required.

Closed Defects

Product	Module / Location	Description
ArcFiling/ArcReporting	User Audit Reports	Prevent "unknown user" in AFFECTED USER column of the User Audit Report when user is removed via the Users page.
ArcFiling/ArcReporting	Portfolio Statement Templates	Fix Top "N" filter/exclusion logic.
ArcFiling/ArcReporting	Category Libraries	Allow category libraries to have the same category library name and/or category library code across all complexes in a database. Library name and code must be unique within a given complex, however.