



ArcReporting

FundSuiteArc Version 2.3.0 Release Notes

ArcReporting 2.3.0

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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

1. A **ClassCode** column was added to the data source file structure for the Supplemental Data import to support class-level data values. Users must update their supplemental data source files to include this new required field; if it is not present, the data load will be auto-rejected. See the ***Support for class-level supplemental data values, new data types and value rollforward*** section of this document for more information.
2. As part of the enhancement detailed in the ***Augmented functionality and consistency for "Conditional Value" data points in text/footnote libraries*** section of this document (starting on page 72), all conditional data points in a given text/footnote snippet will be shared. For a snippet that is rolled forward, pushed to another period or copied/pasted, the conditional data point(s) therein will synchronize with the original parent snippet, and any changes to the data point(s) will be replicated across both. In version 2.3.0, the ability to break these links was added to ArcReporting only (see the ***Shared text snippet conditional formulas*** section on page 188 of this document). All data points copied with ArcFiling will remain linked to each other. Users are advised to recreate their conditional data point setup when copying snippets in ArcFiling if they do not wish conditional values to be linked.



Enhancements Requiring User Decisions

1. As part of enhancements to project output management, the **Drafts** tab on the **Project** page and associated versioning functionality is no longer used. All published instances for both projects and chapters are now maintained in a new revision grid on the existing **Output Management** tab of the page. A series of new system settings associated with the purging of these revisions over time (accessed via the **System** page in the **Platform Administration** area) should be reviewed by management. See the **Enhanced management of project- and chapter-level published output** section of this document for more information.
2. Due to changes in the Holdings data import/dataload, users can now load holdings data without the inclusion of a **SecurityName** value. If a user does this and a given security is not part of the security library for the associated fund, the security will be loaded with **[No Caption Loaded]**. Users are advised to ensure that all data import source files include this field if they want to avoid this value being loaded. See the **Security Caption ("SecurityName") value no longer required for Holdings load** section of this document for more information.



Important Notes

1. In previous versions of ArcReporting, mapping reports containing fund data points incorrectly displayed the raw or rounded values for data points returned via conditional values. These values are now correctly displayed as *0.00*, since there is no associated raw or rounded value.
2. As a result of a defect fix in this release for calculation sheet item conditional values that return class-level trial balance items, the pre-calculated *None/All* value of these items will now be returned. This differs from behavior in version 2.2.0, which incorrectly used the sum of the rounded values for the class-level values.
3. A defect was fixed in which fund data points mapped into a calculation sheet item via a conditional formula returned the sum of the class-level values (which use fund-level) for *None/All*. The fund-level value is now used for *None/All*.
4. A defect was fixed in which class data points mapped into a calculation sheet item via a conditional formula returned the sum of the class-level values for *None/All*. A value of *0* is now returned for *None/All*.

Note:

This fix is also applicable to class-level supplemental data items returned within a conditional formula.



Known Issues Common to Multiple Products

The following section lists issues known to exist in this product release that are common across multiple FundSuiteArc products.

1. Listing grid download to XML format produces error message

Overview

In previous versions of FundSuiteArc, users could download items in the *Listing* grid of the following pages to XML format:

- Financial Workbook Templates
- Tabular Data Templates
- Portfolio Statement Templates
- Charts of Accounts

In version 2.3.0, users are prevented from downloading the contents of these grids to XML format due to a warning message that displays on attempt to do so.

Process Changes

Users that need to download the contents of these grids should download to other available formats (e.g., *CSV*, etc.).



Known Issues in ArcReporting

The following section lists issues known to exist in this release of the ArcReporting product.

1. Items mapped in calculation sheet items of type "Conditional Value" not highlighted when "Highlight mapped items" is selected

Overview

In previous versions of ArcReporting, when a user selected the *Highlight mapped items* check box option on the *Calculation Sheets* tab of the **Financial Workbook Templates** page, all items that have been mapped to a calculation sheet item, including items mapped into conditional calculation sheet items, were highlighted in green. Due to a change to allow multiple conditional formulas in one calculation sheet item, items that have been mapped into a calculation sheet via a conditional formula will not be highlighted when a user selects the *Highlight mapped items* check box.

Process Changes

Users are advised to run the Calculation Sheet Mapping Audit Report if they wish to see what items have been mapped into conditional formulas.

2. Calculation Sheet Account Mapping Report: "Conditional Value" column displays "False" for items of type "Supplemental Data Point"

Overview

In previous versions of ArcReporting, when a user ran the Calculation Sheet Account Mapping Report, supplemental data points displayed the term *N/A* in the **Conditional Value** column. In ArcReporting 2.3.0, this column will be populated with the term *False* for such items.

Process Changes

Users are advised to check the **Item Origin** column to confirm if the data point is truly from a conditional formula or if it is a supplemental data item mapped directly into the calculation sheet.

3. Financial workbook Calculation Sheet Item Detail dialogue for conditional values shows rounded value for supplemental data

Overview

In previous versions of ArcReporting, when a user opened the **Calculation Sheet Item Detail** dialogue that showed a supplemental data point in a conditional return value, the data point maintained the correct rounding level of the calculation sheet. In ArcReporting 2.3.0, supplemental data will round to the nearest whole number.

Note:

This only affects the display value in the application dialogue; it does not affect the values used in the calculation sheet values, nor in any associated reports.

Process Changes

No changes to current processes are required.

4. Project page displays unlinked footnote symbol when unlinked footnotes are unassigned from statement

Overview

In ArcReporting 2.3.0, the ability for users to unlink a footnote on a statement and edit its contents without the impacting associated content in the main footnote library was introduced (see the ***Ability to edit footnotes directly on the Project page*** section on page 176 of this document for more information). If a user unlinks a footnote on an unlinked statement, removes the assignment of that footnote from the statement and then re-links the statement, the statement will still show it has an unlinked footnote assigned.

Process Changes

Users must re-link the footnote prior to removing the footnote assignment to avoid this behavior.

5. Portfolio statement currency legend records do not respect specified suppression settings in the statement's output settings

Overview

In ArcReporting 2.3.0, currency legend records will be displayed in the legend even if they are suppressed using an **Item Suppression** setting applied to the currency field's data points (*i.e.*, *Currency Code (security)*, *Currency Code Purchased* and/or *Currency Code Sold*) within the portfolio statement template output settings.

Process Changes

No changes to current processes are required.

6. "Available Items" sub-tab of the Financial Workbook Templates page lacks a vertical scroll bar

Overview

In version 2.3.0, the *Available Items* sub-tab to the *Financial Statement Templates* tab on the **Financial Workbook Templates** page was streamlined to display a drop-down list. However, a vertical scroll bar was omitted and the user cannot therefore scroll up or down in the *Available Items* tab when mapping items to the financial statement template.

Process Changes

If users encounter this issue and need access to items on the bottom of the list, there are two options:

1. Vertically expand the size of the items pane within the page to display more items.
2. Reduce the zoom level on the web browser to expose more items.



Release Notes Summary

The following section offers a summary of features included in this product release. More detailed information about each item can be seen in the respective Enhancements section of this document.

1. Enhancements Common to Multiple Products

1. Ability to render "soft returns" included in textual content

FundSuiteArc supports the ability to include "soft returns" in textual content by simultaneously pressing the `Shift` and `Enter` keys. Prior to version 2.3.0, soft return characters were not included in the XML code sent to the document processing service. These characters are now included in the XML code, such that they render as expected in project output.

2. Document structure templates usability enhancements

Users can now map items to a document structure template when any element thereof is selected in the structure tree view. In addition, saving changes to a given structure template now automatically invokes the existing **Push Template Changes** pop-up dialogue to allow for synchronization between the updated structure template and any project templates that may use it.

3. Efficiency feature for assigning text snippets, statement templates and tables to project templates

Users can now assign text snippets, portfolio statement templates, financial statement templates and tabular data templates to multiple project items of the appropriate type without the need to first select each item, as in previous versions of FundSuiteArc. In addition, saving changes to a given project template now automatically invokes the existing **Push Template Changes** pop-up dialogue to allow for synchronization between the updated project template and any projects that may be based upon it.

4. Support for Class Information load options

Users now have the ability to conditionally overwrite class information balance fields during FTP dataloads and Excel push-button data imports.

5. Ability to filter category library warnings from Holdings load details

Users now have the ability to suppress all warning and error messages related to security categorization in grids where Holdings load details are displayed.

6. Ability to run Securities Audit Report across all complexes

Users with appropriate rights can now run the Securities Audit Report across all complexes at a database level. This allow a user to see the impact of updates to securities that are held across multiple complexes.

7. Ability to freeze "Table Settings and Column Header Captions" grid columns

Enhancements were made to the *Table Settings and Column Header Captions* grid on the **Portfolio Statement Templates** page to allow users to more easily view the information contained in the many columns of the grid.

8. Security Caption ("SecurityName") value no longer required for Holdings load

Validation logic for Holdings data imports and dataloads was modified to allow users load source files that do not contain the *SecurityName* column.

9. Usage reports for tabular data and portfolio and financial statement templates

Usage reports were added for the each of the respective project template types (*i.e.*, financial statement, portfolio statement and tabular data). The reports function much like the Text Snippet Usage Report in FundSuiteArc and returns information on where the templates are in use.

10. Ability to apply details and suppression settings across "All Funds - Repeat" chapters/sections

Users can now copy the underlying details and suppression settings of chapters or sections with a behavior setting of *All Funds - Repeat* to specified repeated chapters/sections in a given project template.

11. Ability to assign project template fund(s) during template copy

When copying a project template, users are now able to assign fund(s) that will maintain chapter, section, item details and suppression settings.

12. Enhanced caption and "new security" logic for Holdings load

The Holdings data import/dataload were modified to allow users use the security captions within the data source file for new securities. In previous versions of FundSuiteArc, the caption for new securities would come from the Security/Investment Master library within the database, rather than from the data source file.

13. Ability to see complex/library name when editing text snippets in "maximized" view

Users can now toggle between text snippets when in a "maximized" view on the **Text Libraries** page. They will also be able to see the complex and library associated with the snippet they are currently editing.

14. Improved update/display behavior of custom literal captions

Enhancements were made to **Tabular Data Template Output Settings** page so that when a user creates a custom literal (*e.g.*, *Fund*), and then drags it to the mapping grid, the *Caption* value of each language listed on the *Format Items* tab is set to match the specified custom literal text. Once the user has created the literal,

any change to the **Caption** value for the default language will now automatically be reflected in the mapping grid.

15. **Augmented functionality and consistency for "Conditional Value" data points in text/footnote libraries**

When adding a data point of type **Conditional Value** via the **Text Libraries, Footnote Libraries - General Ledger** or **Footnote Libraries - Holdings** pages, the **Insert Data Point** pop-up dialogue and associated functionality now match the existing conditional value functionality of the **Custom Data Points** page.

16. **Display of impacted projects/funds in Text Snippet Audit Report**

Users can now see what funds/projects have been impacted by changes to text snippet content with addition of two corresponding columns to the **Text Snippet Audit Report** page.

17. **Ability to identify statement/tabular data template items using "Keep with previous" setting**

Users can now easily identify output settings rows for financial statement, portfolio statement and tabular data templates for which the **Keep with previous** setting has been applied.

18. **Ability to add fund-specific items "No Repeat" chapters/sections**

Document structure templates were enhanced to allow users to add a financial and/or portfolio statement to a chapter or section with a **Behavior** setting of **No Repeat**. This new feature allows the user to set the fund that data points in text snippets will use to evaluate. In addition, this functionality allows users to build document structures without using the chapter or section repeat type of **All Funds - Repeat**. This will be of help in situations where chapters or sections do not repeat for every fund in the document or where fund-specific information may need to be shown within a chapter or section that does not repeat.

19. **Improved processing of default style sheet publishing template settings**

Updates to document processing logic were made to ensure that when a **Publishing Template** selection of **(Default)** is specified for a given chapter or section via the **Chapter Detail** or **Section Detail** sub-tab of the **Project Templates** page, the publishing template name passed to the rendering engine is that of the template designated as the **Default** via the **Style Sheets** page.

20. **Enhanced management of project- and chapter-level published output**

Enhancements were made with regard to the management of published output on both the project and chapter levels. All published instances of both project- and chapter-level output are now maintained and accessible via the **Output Management** tab of the **Project** page for all users of a given complex.

2. Enhancements to ArcReporting

1. Ability to stack financial tables by fund or class

FundSuiteArc was enhanced to allow a user to stack financial tables by fund or class via the **Spread/Stack Settings** tab of the **Project Templates** page. The user can define which funds or classes display on a page and can also designate a footnote legend to display on each page.

2. Usability enhancements to financial statement template "Available Items" interface

The **Available Items** sub-tab to the **Financial Statement Templates** tab on the **Financial Workbook Templates** page was streamlined to display a drop-down list of options, rather than a series of additional sub-tabs. Users mapping items to a financial statement template can now specify **Trial Balance**, **Calculation Sheet** or **Extras** from the drop-down list and the corresponding available items for mapping will display in the associated selection pane.

3. Ability to define and reference ancillary fund information data points

Users now have the ability to define database-level fund data points. These data points can be evaluated and rendered in output similar to data points like **fund name**, **fund code**, etc. and can be referenced throughout ArcReporting for output purposes.

4. Support for class-level supplemental data values, new data types and value rollforward

FundSuiteArc was enhanced to allow a user to set up class-level supplemental data points. The user can also define the fund- or class-level supplemental data point type as either text, date or numeric. Furthermore, a user can now enable a new **Rollforward** option for each supplemental data point, which will allow the data point to be rolled forward from period to period.

5. Ability to define and reference cell styles

A Cell Styles library was added to allow users with appropriate rights to add, edit, delete and control which styles are displayed for a given complex within the **Cell Style** drop-down lists accessed via the **Output Settings** pages for portfolio, financial and tabular data templates.

6. Ability to edit underlying holdings values from within a calculation sheet

Users can now right-click calculation sheet items of various **Holdings** types in the **Calculation Sheet Item Detail** dialogue and be taken to the **Fund Holdings** page to review or make edits to the underlying values.

7. Display of holdings subtotal values on Fund Holdings page

The grid on the **Holdings** tab of the **Fund Holdings** page was enhanced to allow numeric fields to be subtotaled by group.

8. Ability to use funds on spreads as a condition for advanced suppression

In previous versions of FundSuiteArc, if a user set up **Advanced Suppression** on a given financial statement template line item that was part of a spread via the **Financial Statement Template Output Settings** page, the suppression would only be based on the first fund in the spread. In version 2.3.0, a user can now define how the suppression logic will be applied across the funds on a spread.

9. Portfolio statement template formula enhancement to display Fair Value levels

Portfolio statement template formulas can now display **Fair Value** market value levels 1, 2, 3, and unknown. Each value can be displayed in project preview and output on a formula line type. These values can also be referenced within financial workbook template calculations sheets.

10. Support for multiple conditional elements in "Conditional Value" calculation sheet item formulas

Users can now map one or more conditional values within a calculation sheet item to create complex formulae within the financial workbook.

11. Ability to expand/collapse all tree view nodes on Financial Workbook page tabs

Users can now more efficiently expand and collapse items in the tree view structures of the **Calculation Sheets** tab and working trial balances tab(s) of the **Financial Workbook** page through corresponding buttons added to those tabs. Users can also filter items with a balance of zero from the grid display on working trial balance tabs via a new **Exclude zero-balance items** check box option.

12. Ability to determine value type for pivoted table line item suppression

FundSuiteArc was enhanced to allow users to enable the zero suppression logic on a column for a pivoted financial statement.

13. Support for editing of closed period financial workbook balances

FundSuiteArc was enhanced to allow a user to edit values for trial balance and calculation sheet items in closed account periods.

14. Ability to define custom validation checks for financial statements in a project

Users can now create custom checksums between totals and line items within a financial statement. This functionality is an expansion of the Project Output Validation Report that was released in ArcReporting version 2.2.0.

15. Ability to associate an account period cycle with inserted data points

FundSuiteArc was enhanced to allow users to select an account period cycle for data points (*i.e.*, class balance, supplemental data, fund data and trial balance definitions) when creating them in the **Text Libraries**, **Custom Data Point Libraries**, **Footnote Libraries - Holdings** or **Footnote Libraries - General Ledger** pages.

16. Enhanced search capabilities for building a statement's currency legend

Legends of type *Currency* were enhanced to allow for optional search of the *Currency Code Purchased* and/or *Currency Code Sold* fields.

17. Additional "Account Period Cycle" options for calculation sheet items

Calculation sheet item setup options were enhanced to allow users to specify one of 23 different *Account Period Cycle* selections.

18. Support for assignment of a portfolio statement template to multiple shared legends

Several enhancements were made to support additional requirements for shared legends within projects. These enhancements allow a portfolio statement template to be assigned to multiple shared legends, so footnotes can appear in one shared legend while the currencies and abbreviations appear in separate shared legends.

19. Expanded support for alphabetical currency legend sorting by currency code

Currency legend sorting options were enhanced to allow an option to sort currency records alphabetically by the currency code.

20. Ability to edit footnotes directly on the Project page

The **Project** page was enhanced to allow users with the proper rights to unlink and edit footnote text for portfolio, financial and shared legends of type *Footnote*.

21. **Ability to define up to 10 aggregation levels for portfolio statement templates**

Previous versions of ArcReporting allowed users to define up to five aggregation levels to define the data points used for aggregation functionality. Users can now define up to 10 aggregation levels.

22. **Additional features to support portfolio statement template output rules**

Users now have the ability to map data points to a portfolio statement template that are only available to output rules and do not show within the project preview or document output.

23. **Support for creation and display of global- and user-level Fund Holdings views**

Users now have the ability to create both user- and global-level grid "views" for the **Fund Holdings** page in ArcReporting. Views are also now organized by level in the **View** drop-down list.

24. **Support for footnote content font color display on Project page**

The component preview for financial and portfolio statements on the **Project** page was enhanced to display the font color applied to content within footnote libraries.

25. **Shared text snippet conditional formulas**

As part of the enhancement detailed in the **Augmented functionality and consistency for "Conditional Value" data points in text/footnote libraries** section of this document (starting on page 72), all conditional data points included in a given text snippet will be shared. This means that for a text snippet that is rolled forward, pushed to another period or copy/pasted, the conditional data point(s) contained therein will synchronize with the original parent snippet, and any changes to the data point(s) will be replicated across both. Due to this new behavior, when users open/edit any conditional data point, the **Add/Edit Conditional Formula** dialogue will now notify them if the data point is in use in other places. Users will have the ability to break this link and create a new, unique data point.



Enhancements Common to Multiple Products

The following section lists enhancements in this product release that are common across multiple FundSuiteArc products.

1. Ability to render "soft returns" included in textual content

RRD ID: 51432

Overview

FundSuiteArc supports the ability to include "soft returns" in textual content by simultaneously pressing the `Shift` and `Enter` keys. Prior to version 2.3.0, soft return characters were not included in the XML code sent to the document processing service. These characters are now included in the XML code, such that they render as expected in project output.

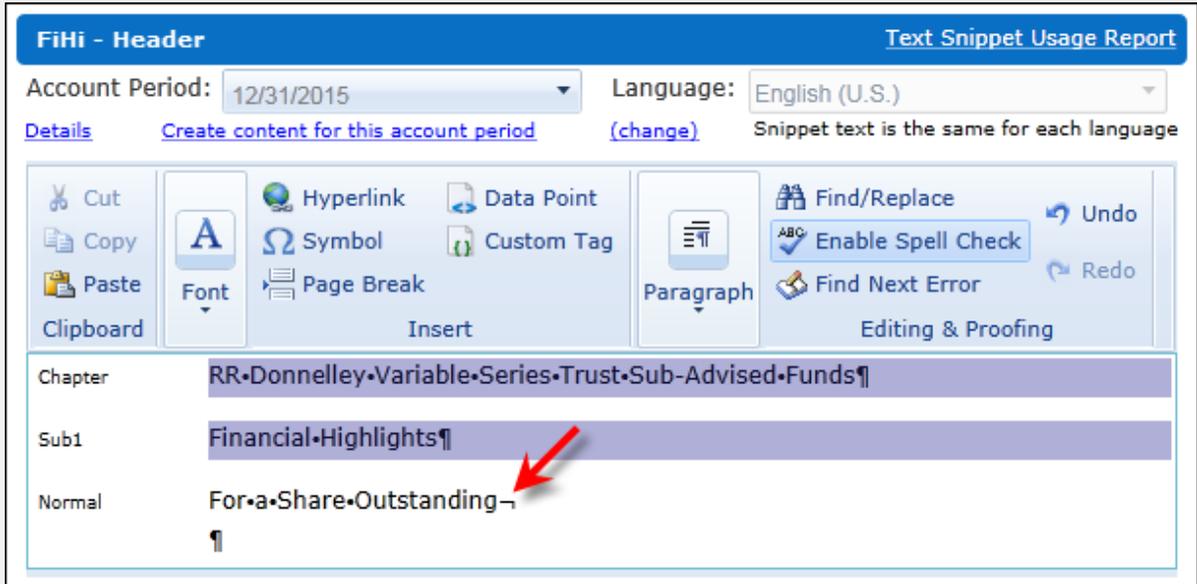
What's New

"Soft return" characters entered in textual content by simultaneously pressing the `Shift` and `Enter` keys are now rendered in project output.

Note:

- "Soft return" characters can be entered in the text editor pane of any of the following application pages:
 - Footnote Libraries - General Ledger
 - Footnote Libraries - Holdings
 - Project
 - Text Libraries

- When the **Toggle Format Symbols** button (¶) is toggled on, any soft return characters included in the text body are represented in the text editor pane by the "soft return" symbol (↵).



Process Changes

No changes to current processes are required.

 [Demonstration video](#)

2. Document structure templates usability enhancements

RRD ID: 51437

Overview

Users can now map items to a document structure template when any element thereof is selected in the structure tree view. In addition, saving changes to a given structure template now automatically invokes the existing **Push Template Changes** pop-up dialogue to allow for synchronization between the updated structure template and any project templates that may use it.

What's New

1. A new **Details** sub-tab and the existing **Available Items** sub-tab are displayed at right of the **Structure** tab of the **Document Structure Templates** page when any element in the tree view is selected.
 - a. Details associated with a selected item previously displayed in the **Chapter Detail**, **Section Detail** or **Item Detail** section at right of the tab are now displayed in the new **Details** sub-tab.
 - b. The **Available Items** sub-tab displays all available mapping items, as previously seen only when the **Document** tree view element was selected.
 - i. Existing drag-and-drop functionality remains unchanged.
 - A. Users can select any available item and drag it to the tree view structure at left of the tab.
 1. A red "x" indicator (✘) changes to a green check mark symbol (✔) when the item is dragged over a compatible structure item.
2. When changes are made to a document structure template and the user clicks the **Save** button (💾), the existing **Push Template Changes** pop-up dialogue now automatically displays.
 - a. Functionality of the **Push Template Changes** pop-up dialogue remains unchanged.
 - i. Users can select one or more of the displayed project templates, and then initiate synchronization between the document structure template and the selected project template(s) by clicking the **Synchronize** button (↻) at lower-right of the dialogue.

- ii. Clicking the **Cancel** button (✖) at lower-right of the dialogue without having clicked the **Synchronize** button will save the changes made to the current document structure template, but not synchronize with any of the project templates using that structure template.

Note:

The **Push Template Changes** pop-up dialogue can still be invoked manually at any time via the existing **Push out changes to project templates based on this template** link on the **Administration** tab.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

3. Efficiency feature for assigning text snippets, statement templates and tables to project templates

RRD ID: 51453

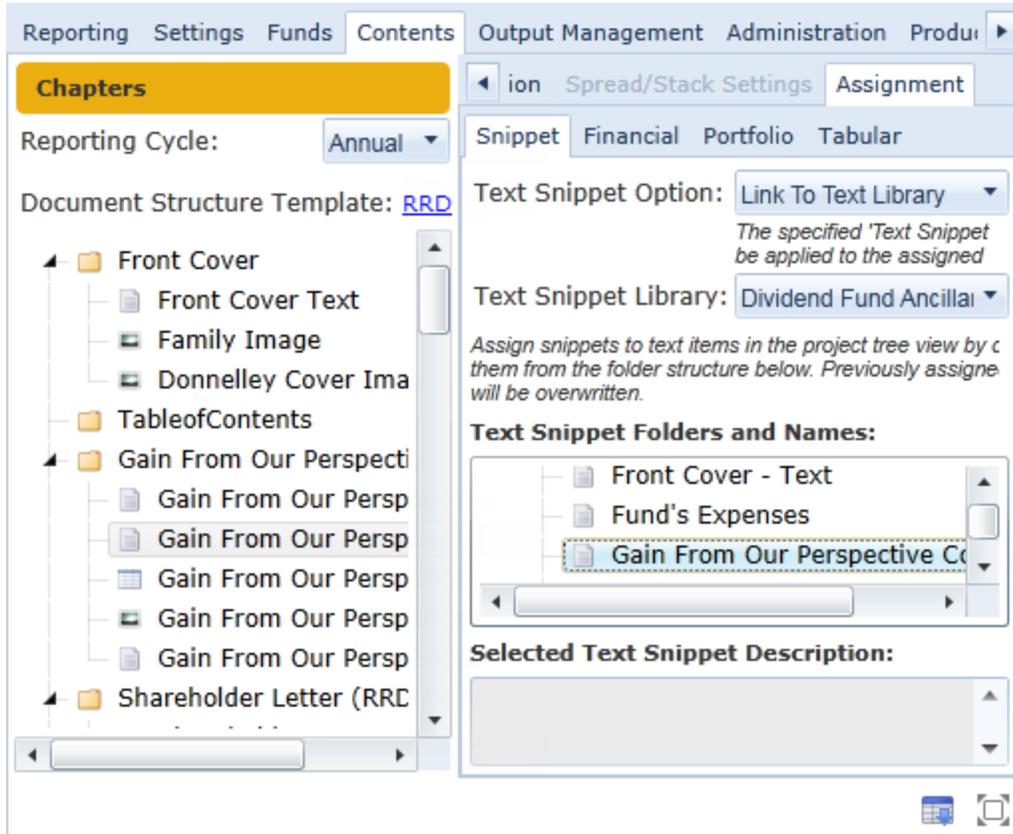
Overview

Users can now assign text snippets, portfolio statement templates, financial statement templates and tabular data templates to multiple project items of the appropriate type without the need to first select each item, as in previous versions of FundSuiteArc. In addition, saving changes to a given project template now automatically invokes the existing **Push Template Changes** pop-up dialogue to allow for synchronization between the updated project template and any projects that may be based upon it.

What's New

1. A new **Assignment** sub-tab is displayed at right of the **Contents** tab of the **Project Templates** page when any element in the tree view is selected. Four additional sub-tabs display on the **Assignment** sub-tab, through which users can specify applicable settings and then assign templates via drag-and-drop functionality:

a. **Snippet**



- i. Users can specify the desired **Text Snippet Option** and **Text Snippet Library**.
 - A. The specified settings remain in place until changed by the user, allowing the user to drag-and-drop snippets to multiple text items in the project template, using those settings.
- ii. Snippets in the specified **Text Snippet** library display in a **Text Snippet Folder and Names** pane, from which users can drag-and-drop the desired snippet(s) to the desired text item(s) in the project template tree view.

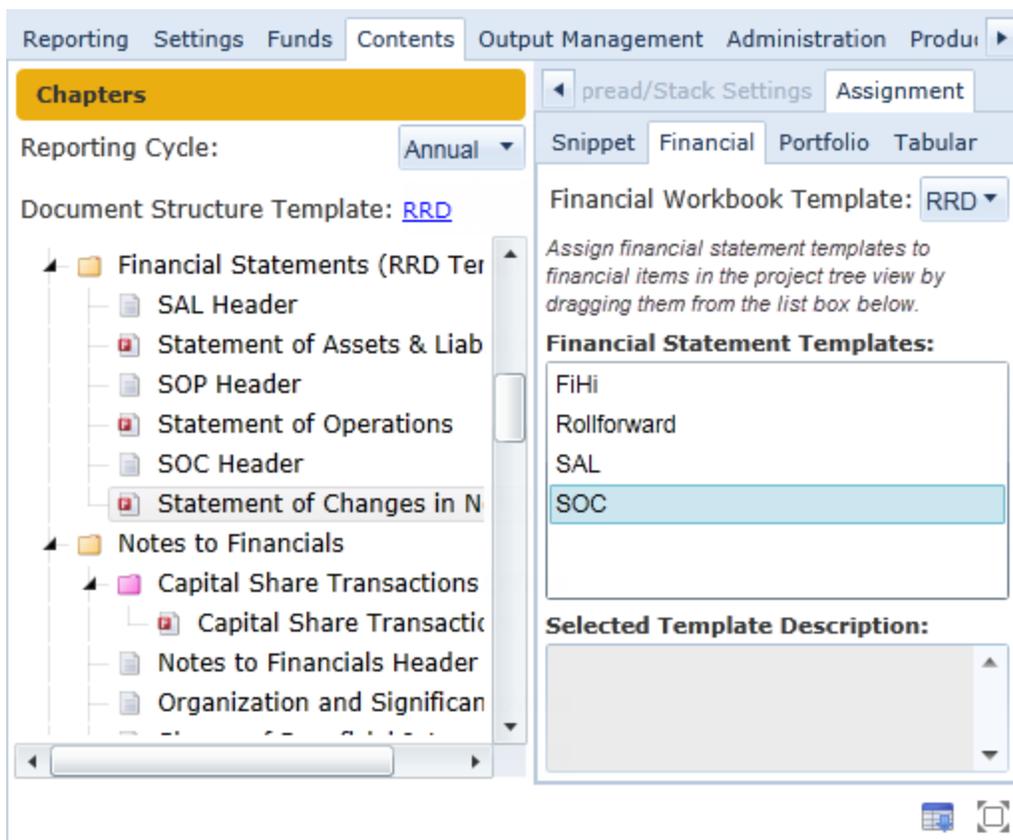
Note:

- If a snippet had been previously assigned to a given text item, it will be replaced by the

newly-assigned snippet.

- If a text item for which a snippet is already assigned is selected in the **Contents** tab tree view, the **Text Snippet Library** selection on the **Snippet** sub-tab will update as needed to reflect the library in which that snippet is contained and the assigned snippet will be selected (highlighted) in the **Text Snippet Folder and Names** pane.

b. **Financial**



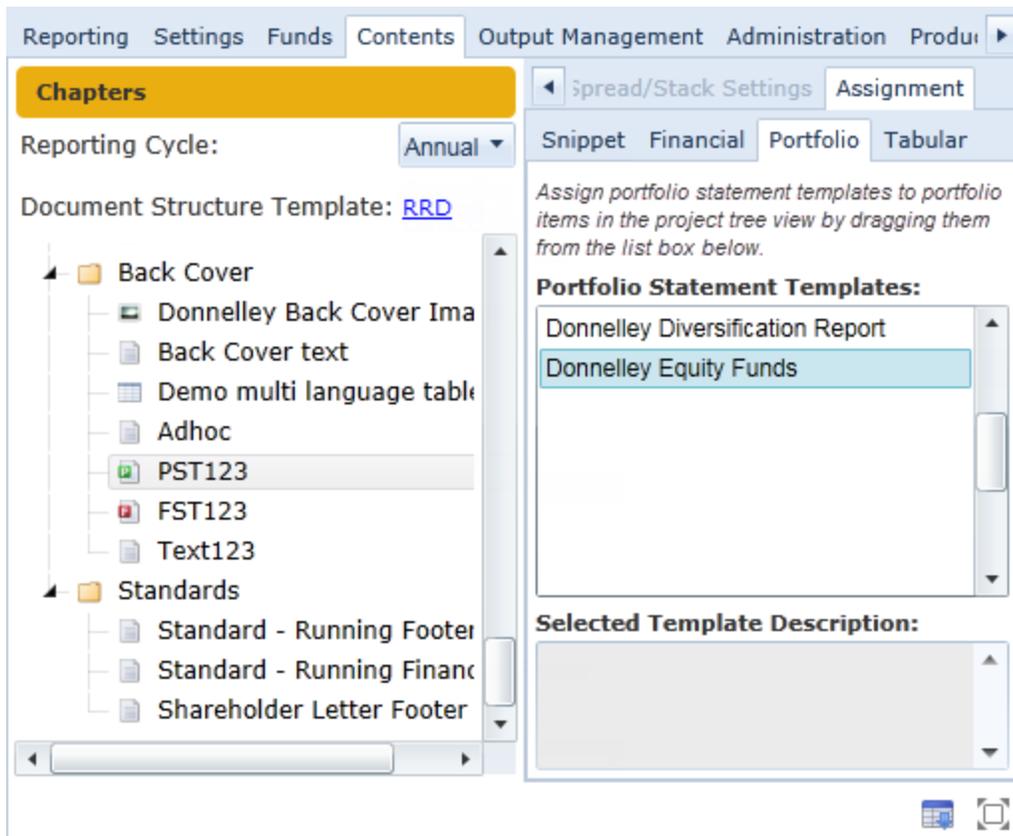
- Users can specify the desired **Financial Workbook Template**.
 - The specified setting remains in place until changed by the user, allowing users to drag-and-drop templates to multiple financial items in the project template, using that setting.

- ii. Financial statement templates in the specified **Financial Workbook Template** display in a **Financial Statement Templates** pane, from which users can drag-and-drop the desired template(s) to the desired financial item(s) in the project template tree view.

Note:

- If a template had been previously assigned to a given financial item, it will be replaced by the newly-assigned template.
- If a financial item for which a template is already assigned is selected in the **Contents** tab tree view, the **Financial Workbook Template** selection on the **Financial** sub-tab will update as needed to reflect the workbook template in which that statement template is contained and the assigned statement template will be selected (highlighted) in the **Financial Statement Templates** pane.

c. **Portfolio**

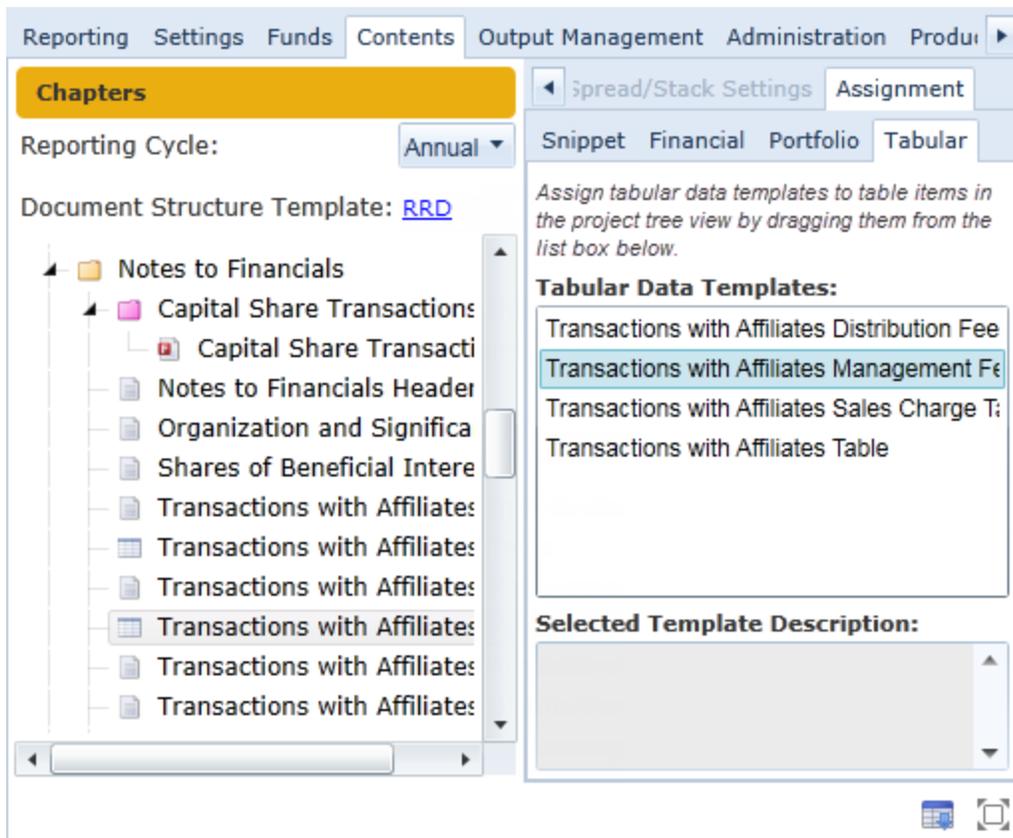


- i. Portfolio statement templates display in a **Portfolio Statement Templates** pane, from which users can drag-and-drop the desired template(s) to the desired portfolio item(s) in the project template tree view.

Note:

- If a template had been previously assigned to a given portfolio item, it will be replaced by the newly-assigned template.
- If a portfolio item for which a template is already assigned is selected in the **Contents** tab tree view, the assigned statement template will be selected (highlighted) in the **Portfolio Statement Templates** pane.

d. **Tabular**



- i. Tabular data templates display in a **Tabular Data Templates** pane, from which users can drag-and-drop the desired template(s) to the desired tabular data item(s) in the project template tree view.

Note:

- If a template had been previously assigned to a given tabular data item, it will be replaced by the newly-assigned template.
- If a tabular data item for which a template is already assigned is selected in the **Contents** tab tree view, the assigned tabular data template will be selected (highlighted) in the **Tabular Data Templates** pane.

2. When changes are made to a project template and the user clicks the **Save** button () , the existing **Push Template Changes** pop-up dialogue now automatically displays.
 - a. Functionality of the **Push Template Changes** pop-up dialogue remains unchanged.
 - i. Users can select one or more of the displayed projects, and then initiate synchronization between the project template and the selected project(s) by clicking the **Synchronize** button () at lower-right of the dialogue.
 - ii. Clicking the **Cancel** button () at lower-right of the dialogue without having clicked the **Synchronize** button will save the changes made to the current project template, but not synchronize with any of the projects using that project template.

Note:

The **Push Template Changes** pop-up dialogue can still be invoked manually at any time via the existing **Push out changes to projects based on this template** link on the **Administration** tab.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

4. Support for Class Information load options

RRD ID: 52626

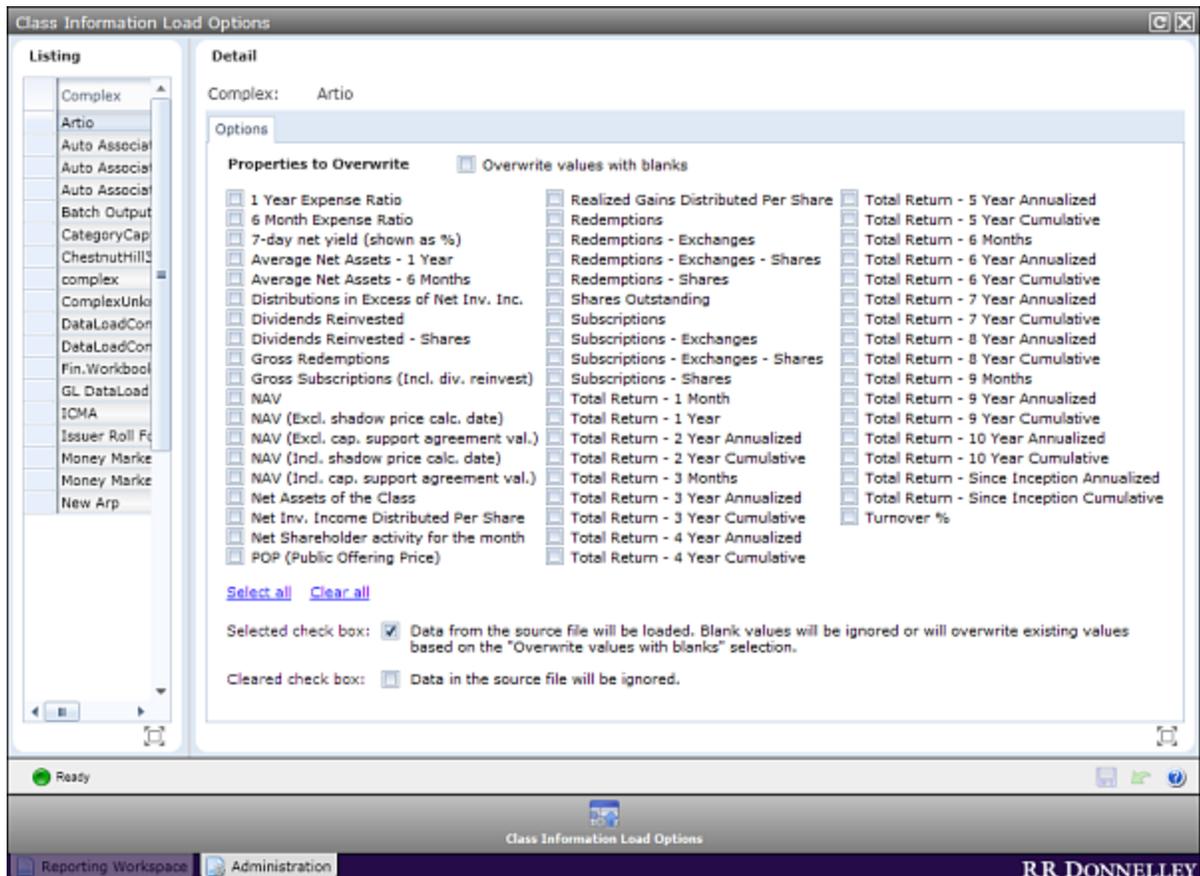
Overview

Users now have the ability to conditionally overwrite class information balance fields during FTP dataloads and Excel push-button data imports.

What's New

1. Two new user rights were added to the **Roles** page in the *Platform Administration* area.
 - a. *Open Class Information Load Options Page (ArcFiling)*
 - i. A user assigned this right can open the new **Class Information Load Options** page (described below) in the ArcFiling product.
 - b. *Open Class Information Load Options Page (ArcReporting)*
 - i. A user assigned this right can open the new **Class Information Load Options** page (described below) in the ArcReporting product.

2. A new *Class Information Load Options* item was added in both ArcFiling and ArcReporting under the respective **DataLoad** menu sections on the *Administration* tab. When the *Class Information Load Options* menu item is clicked, the **Class Information Load Options** page displays.



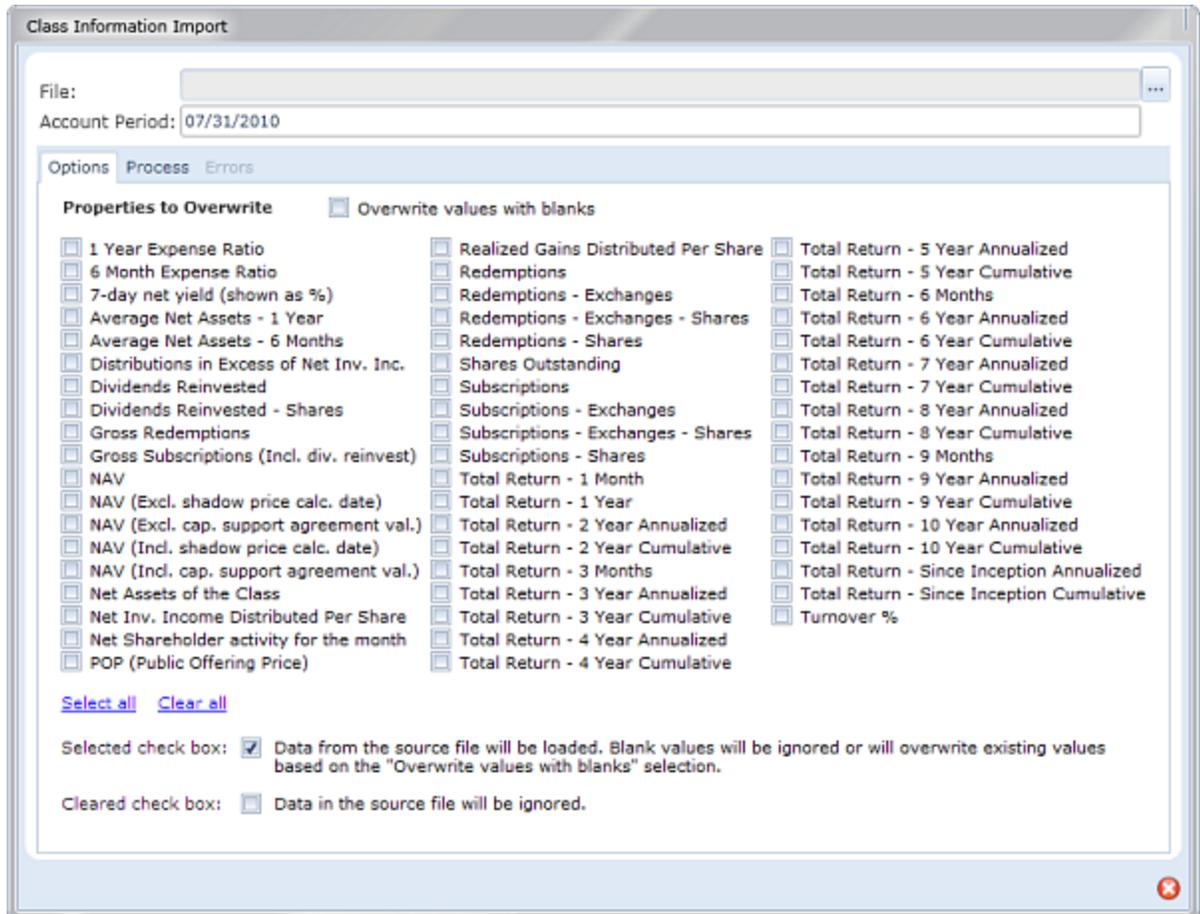
- a. A *Listing* group box is displayed in the left pane of the page, which lists complexes in the database to which the current user has access.
 - i. A grid is displayed in the group box.
 - A. A *Complex* column is displayed in the grid, which is populated with the name of each complex in the database.

- b. A **Detail** group box is displayed in the right pane of the page.
 - i. An **Options** tab is displayed in the group box, on which a **Properties to Overwrite** group box is displayed.
 - A. An **Overwrite values with blanks** check box is displayed at the top of the group box, at right of the group box label.
 - 1. The check box is cleared by default.
 - 2. If the check box is selected, a blank value in the data source file will overwrite existing values in the database for any fields whose corresponding "overwrite" check box is selected.
 - 3. If the check box is cleared, blank values that may exist in the data source file will not overwrite existing values in the database for any fields whose corresponding "overwrite" check box is selected.
 - B. A series of "overwrite" check boxes, arranged in several columns, is displayed within the group box.
 - 1. All check boxes in the group box are cleared by default.

Note:

- For all fields whose "overwrite" check box is selected, data in the source file will be loaded during FTP dataloads. Blank values will be ignored or will overwrite existing values based on the **Overwrite values with blanks** selection.
- For all fields whose "overwrite" check box is cleared, data in the source file will be ignored.

3. An **Options** tab was added to the existing **Class Information Import** dialogue.



- a. This tab is enabled and selected (has focus) when the dialogue is initially opened.
- b. A **Properties to Overwrite** group box is displayed on the tab.
- c. An **Overwrite values with blanks** check box is displayed at the top of the group box, at right of the group box label.
 - i. The check box is cleared by default.
 - ii. If the check box is selected, a blank value in the data source file will overwrite existing values in the database for any fields whose corresponding "overwrite" check box is selected.

- iii. If the check box is cleared, blank values that may exist in the data source file will not overwrite existing values in the database for any fields whose corresponding "overwrite" check box is selected.
- d. A series of check boxes, arranged in several columns, is displayed within the group box.
 - i. All check boxes in the group box are cleared by default.

Note:

- For all fields whose "overwrite" check box is selected, data in the source file will be loaded during the Excel data import. Blank values will be ignored or will overwrite existing values based on the *Overwrite values with blanks* selection.
- For all fields whose "overwrite" check box is cleared, data in the source file will be ignored.

Process Changes

Going forward, users should review the list of fields set to overwrite during FTP dataload. All fields are set to not overwrite by default; users should make the necessary adjustments prior to attempting an FTP dataload.



[Demonstration video](#)

5. Ability to filter category library warnings from Holdings load details

RRD ID: 52627

Overview

Users now have the ability to suppress all warning and error messages related to security categorization in grids where Holdings load details are displayed.

What's New

1. A **Hide warnings related to category library** check box option was added at lower-left of the grid on the **Errors/Warnings/Info** tab of the **Archive** page.

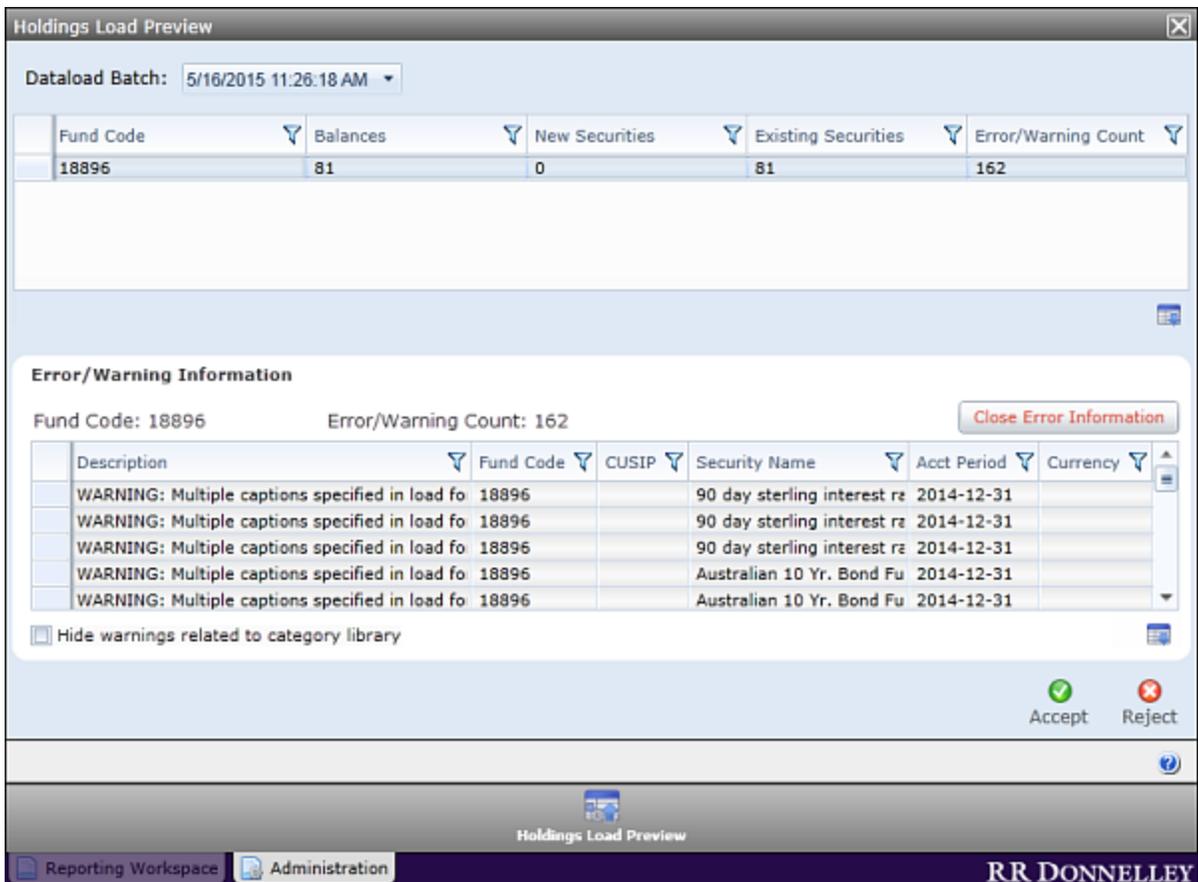
The screenshot shows a web application interface with two tabs: 'Details' and 'Errors/Warnings/Info'. The 'Errors/Warnings/Info' tab is active. Below the tabs is a grid with two columns: 'LogType' and 'Description'. The first row contains 'INFORMATION' and 'INFO:(2)Items to import.' respectively. Below the grid, there is a 'Rows Per Page' dropdown set to '25', a set of navigation buttons (Home, Previous, Next, End), and a 'Page 1 of 1' indicator. At the bottom left, there is a checkbox labeled 'Hide warnings related to category library' which is currently unchecked.

- a. Selecting the check box causes all rows representing errors and warnings pertaining to the category library to be filtered out of the grid (*i.e.*, hidden).

- b. Clearing the check box causes all rows representing errors and warnings pertaining to the category library to be displayed in the grid.

Note:
 Users have the ability to do additional filtering on the page using the filter button at right of each column header.

- 2. A **Hide warnings related to category library** check box option was added at lower-left of the **Error/Warning Information** grid on the **Holdings Load Preview** page.

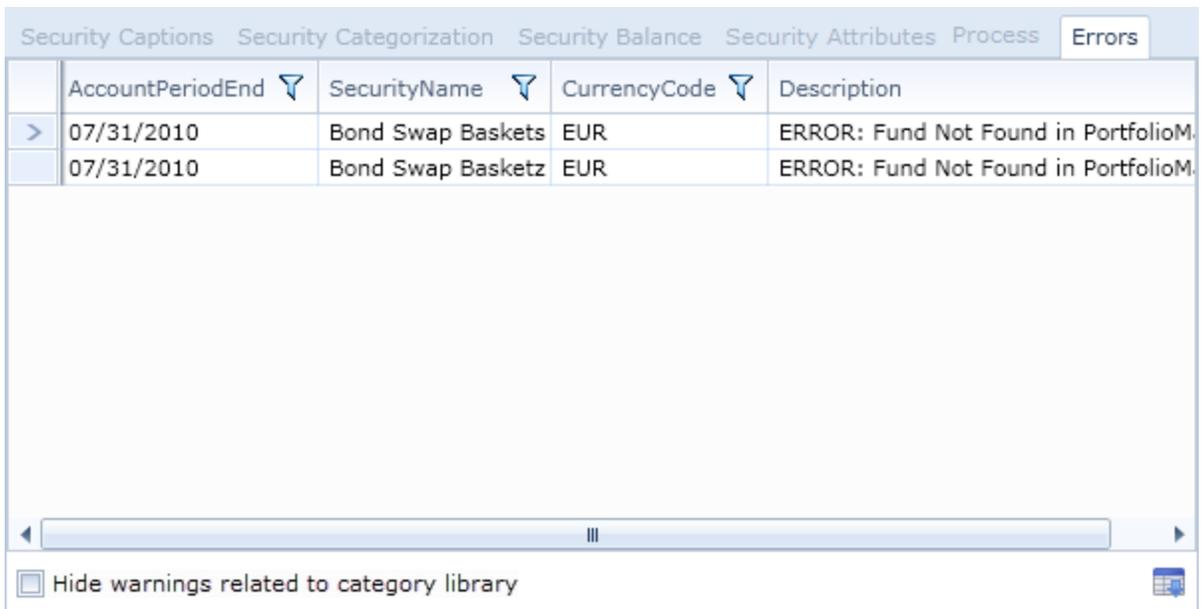


- a. Selecting the check box causes all rows representing errors and warnings pertaining to the category library to be filtered out of the grid (i.e., hidden).

- b. Clearing the check box causes all rows representing errors and warnings pertaining to the category library to be displayed in the grid.

Note:
 Users will have the ability to do additional filtering on the page using the filter button at right of each column header.

- 3. A **Hide warnings related to category library** check box option was added at lower-left of the grid on the **Errors** tab of the **Holdings Import** dialogue.



AccountPeriodEnd	SecurityName	CurrencyCode	Description
> 07/31/2010	Bond Swap Baskets	EUR	ERROR: Fund Not Found in PortfolioM.
07/31/2010	Bond Swap Basketz	EUR	ERROR: Fund Not Found in PortfolioM.

Hide warnings related to category library

- a. Selecting the check box causes all rows representing errors and warnings pertaining to the category library to be filtered out of the grid (*i.e.*, hidden).
- b. Clearing the check box causes all rows representing errors and warnings pertaining to the category library to be displayed in the grid.

Note:
 Users will have the ability to do additional filtering on the page using the filter button at right of each column header.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

6. Ability to run Securities Audit Report across all complexes

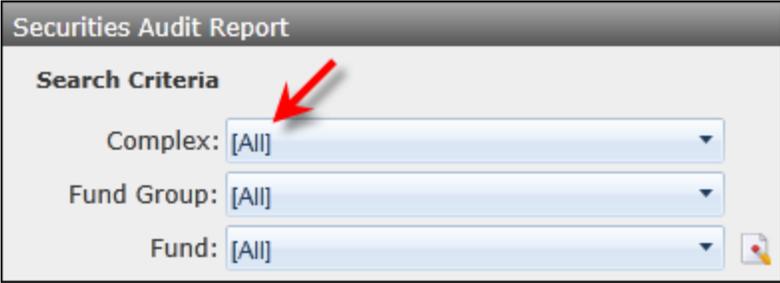
RRD ID: 52629

Overview

Users with appropriate rights can now run the Securities Audit Report across all complexes at a database level. This allows a user to see the impact of updates to securities that are held across multiple complexes.

What's New

1. A new *Run Securities Audit Report at Environment Level* user right was added as child to the existing *Open Securities Audit Report Page (ArcFiling)* and *Open Securities Audit Report Page (ArcReporting)* rights.
2. The **Complex** drop-down list in the **Search Criteria** section of the **Securities Audit Report** page now includes an **[All]** selection to facilitate the new report scope capabilities.



The screenshot shows the 'Securities Audit Report' interface. Under the 'Search Criteria' section, there are three dropdown menus: 'Complex', 'Fund Group', and 'Fund'. Each dropdown menu currently displays '[All]'. A red arrow points to the 'Complex' dropdown menu.

Note:

This selection is only visible/selectable if the current user is assigned the *Run Securities Audit Report at Environment Level* user right; the selection does not display otherwise.

- a. When this selection is specified, both the **Fund Group** and **Fund** drop-down lists are disabled, and their respective selections are automatically set to **[All]**.

Note:

The **[All]** selection is not visible in either the **Fund Group** or **Fund** drop-down lists unless **[All]** is the specified selection for the **Complex** drop-down list.

- b. When this selection is specified, report results will be for all complexes to which the current user has access, and all the associated fund groups and funds.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

7. Ability to freeze "Table Settings and Column Header Captions" grid columns

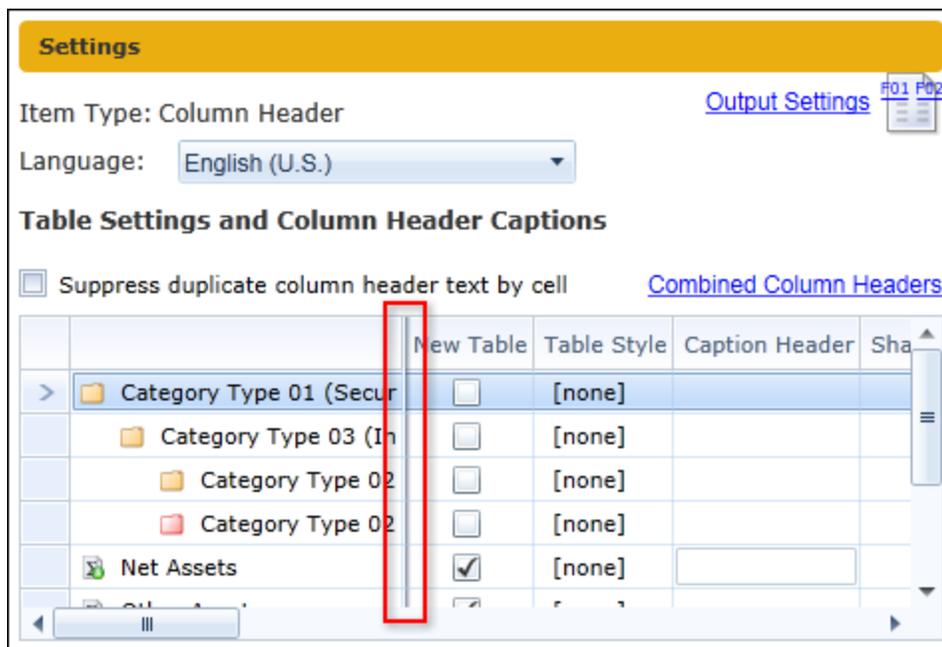
RRD ID: 52634

Overview

Enhancements were made to the *Table Settings and Column Header Captions* grid on the **Portfolio Statement Templates** page to allow users to more easily view the information contained in the many columns of the grid.

What's New

A vertical splitter bar was added to the *Table Settings and Column Header Captions* grid on the **Portfolio Statement Templates** page.



1. The splitter bar is positioned between the first and second columns of the grid by default when the page is opened.
 - a. The user can drag the splitter bar to freeze/unfreeze additional columns as needed.

Tip:

The splitter can also be removed from use by pulling it to the left of the first column.

2. This feature is also available on the **Edit Combined Column Header Captions** dialogue, which is invoked via the **Combined Column Headers** link at upper-right of the **Table Settings and Column Header Captions** grid.

Process Changes

No changes to current processes are required.

8. Security Caption ("SecurityName") value no longer required for Holdings load

RRD ID: 52636

Overview

Validation logic for Holdings data imports and dataloads was modified to allow users load source files that do not contain the **SecurityName** column.

What's New

1. The fund holdings Excel import template provided via the FundSuiteArc application was modified to show the **SecurityName** column as non-required; its column header is now colored blue, rather than green, as seen in the template provided in earlier versions of FundSuiteArc.

A	B	C	D	E
AccountPeriodEnd	FundCode	MasterIdentifier	SecurityName	MarketValue
12/31/2014	AF01	AF0100000001		9999999

Note:

A blue column header indicates that a given field is part of the security library, but is not required for data import.

2. If the **Security Caption** overwrite check box option is cleared, the data import will now behave as detailed in the workflow diagram provided in the **Appendix A: Holdings Import Security Caption Overwrite Logic** section of this document (starting on page 195).
3. If the **Security Caption** overwrite check box option is selected, the data import will now behave as detailed in the workflow diagram provided in the **Appendix A: Holdings Import Security Caption Overwrite Logic** section of this document (starting on page 195).

Additional Information

The **SecurityName** column header in the XLS file generated via the **Holdings Data Extract** page was not updated in version 2.3.0 to reflect the column's non-required state (*i.e.*, it is still colored green), but it will be updated accordingly in the version 2.4.0 product release.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

9. Usage reports for tabular data and portfolio and financial statement templates

RRD ID: 52638

Overview

Usage reports were added for each of the respective project template types (*i.e.*, financial statement, portfolio statement and tabular data). The reports function much like the Text Snippet Usage Report in FundSuiteArc and returns information on where the templates are in use.

What's New

1. A series of user rights were added to the **Roles** page in the **Platform Administration** area to govern access to each of the new reports.
 - a. *Open Financial Statement Template Usage Report Page*
 - b. *Open Portfolio Statement Template Usage Report Page (ArcFiling)*
 - c. *Open Portfolio Statement Template Usage Report Page (ArcReporting)*
 - d. *Open Tabular Data Template Usage Report Page (ArcFiling)*
 - e. *Open Tabular Data Template Usage Report Page (ArcReporting)*
2. Items corresponding to each new ArcReporting report page were added to the **Reports** menu section on the **Reporting Workspace** tab.
 - a. *Financial Statement Template Usage Report*
 - b. *Portfolio Statement Template Usage Report*
 - c. *Tabular Data Template Usage Report*
3. Items corresponding to each new ArcFiling report page were added to the **Reports** menu section on the **Filings Workspace** tab.
 - a. *Portfolio Statement Template Usage Report*
 - b. *Tabular Data Template Usage Report*

4. A **Portfolio Statement Template Usage Report** page was added to both ArcFiling and ArcReporting.
 - a. A **Search Criteria** pane is displayed in the top portion of the page.
 - i. Appropriate selections for the various criteria are pre-populated when this page is launched via links in other pages of FundSuiteArc.
 - ii. A **Complex** drop-down list is displayed at upper-left of the pane (selection required).
 - iii. An **Account Period** drop-down list is displayed beneath the **Complex** drop-down list (selection required).
 - iv. A **Portfolio Statement Template** drop-down list is displayed at upper-right of the pane.
 - b. A results grid is displayed in the bottom portion of the page.
 - i. When the **Search** button at lower-right of the **Search Criteria** pane is clicked, the grid displays all projects where portfolio statement templates meeting the specified criteria are included.
 - ii. The grid results are grouped by **Portfolio Statement Template** by default.
 - iii. Users may group, sort, filter and order data in the results grid using standard grid functionality, if desired.
 - iv. Columns displayed in the grid are as follows, from left-to-right:
 - A. **Account Period**
 1. Displays the account period of the project (the account period specified in the **Search Criteria** pane at the time the report was generated).
 - B. **Complex**
 1. Displays the complex associated with the fund of the project (the complex specified in the **Search Criteria** pane at the time the report was generated).
 - C. **Fund Group**
 1. Displays the fund group associated with the fund of the project.

D. **Fund**

1. Displays the fund of the project.
 - a. If multiple funds are associated with a given project, one row is displayed in the grid for each fund/project.

E. **Portfolio Statement Template**

1. Displays the portfolio statement template included in the project.

F. **Template Type**

1. Displays the type (*i.e.*, **Categories**, **Condensed**, **Full** or **Standalone**) of the portfolio statement template included in the project.

G. **Description**

1. Displays the description of the portfolio statement template included in the project.

H. **Output Style Type**

1. Displays the output style type of the portfolio statement template included in the project.

I. **Project**

1. Displays the name of the project.

- c. The user can export report results to a specified file format via the **Export data** button at lower-right of the page.

5. A **Financial Statement Template Usage Report** page was added to ArcReporting.

- a. A **Search Criteria** pane is displayed in the top portion of the page.
 - i. Appropriate selections for the various criteria are pre-populated when this page is launched via links in other pages of FundSuiteArc.
 - ii. A **Complex** drop-down list is displayed at upper-left of the pane (selection required).
 - iii. An **Account Period** drop-down list is displayed beneath the **Complex** drop-down list (selection required).

- iv. A **Financial Workbook Template** drop-down list is displayed at upper-right of the pane (selection required).
 - v. A **Financial Statement Template** drop-down list is displayed beneath the **Complex** drop-down list.
- b. A results grid is displayed in the bottom portion of the page.
- i. When the **Search** button at lower-right of the **Search Criteria** pane is clicked, the grid displays all projects where financial statement templates meeting the specified criteria are included.
 - ii. The grid results are grouped by **Financial Statement Template** by default.
 - iii. Users may group, sort, filter and order data in the results grid using standard grid functionality, if desired.
 - iv. Columns displayed in the grid are as follows, from left-to-right:
 - A. **Account Period**
 - 1. Displays the account period of the project (the account period specified in the **Search Criteria** pane at the time the report was generated).
 - B. **Complex**
 - 1. Displays the complex associated with the fund of the project (the complex specified in the **Search Criteria** pane at the time the report was generated).
 - C. **Fund Group**
 - 1. Displays the fund group associated with the fund of the project.
 - D. **Fund**
 - 1. Displays the fund of the project.
 - a. If multiple funds are associated with a given project, one row is displayed in the grid for each fund/project.
 - E. **Financial Workbook Template**
 - 1. Displays the financial workbook template associated with the financial statement template included in the project.

- F. **Financial Statement Template**
 - 1. Displays the financial statement template included in the project.
 - G. **Description**
 - 1. Displays the description of the financial statement template included in the project.
 - H. **Orientation**
 - 1. Displays the orientation (*i.e.*, **Standard** or **Pivoted**) of the financial statement template included in the project.
 - I. **Level**
 - 1. Displays the level (*i.e.*, **Class** or **Currency**) of the financial statement template included in the project.
 - J. **Output Style Type**
 - 1. Displays the output style type of the financial statement template included in the project.
 - K. **Project**
 - 1. Displays the name of the project.
- c. The user can export report results to a specified file format via the **Export data** button at lower-right of the page.
6. A **Tabular Data Template Usage Report** page was added to both ArcFiling and ArcReporting.
- a. A **Search Criteria** pane is displayed in the top portion of the page.
 - i. Appropriate selections for the various criteria are pre-populated when this page is launched via links in other pages of FundSuiteArc.
 - ii. A **Complex** drop-down list is displayed at upper-left of the pane (selection required).
 - iii. An **Account Period** drop-down list is displayed beneath the **Complex** drop-down list (selection required).
 - iv. A **Tabular Data Template** drop-down list is displayed at upper-right of the pane.

- b. A results grid is displayed in the bottom portion of the page.
 - i. When the **Search** button at lower-right of the **Search Criteria** pane is clicked, the grid displays all projects where tabular data templates meeting the specified criteria are included.
 - ii. The grid results are grouped by **Tabular Data Template** by default.
 - iii. Users may group, sort, filter and order data in the results grid using standard grid functionality, if desired.
 - iv. Columns displayed in the grid are as follows, from left-to-right:
 - A. **Account Period**
 - 1. Displays the account period of the project (the account period specified in the **Search Criteria** pane at the time the report was generated).
 - B. **Complex**
 - 1. Displays the complex associated with the fund of the project (the complex specified in the **Search Criteria** pane at the time the report was generated).
 - C. **Fund Group**
 - 1. Displays the fund group associated with the fund of the project.
 - D. **Fund**
 - 1. Displays the fund of the project.
 - a. If multiple funds are associated with a given project, one row is displayed in the grid for each fund/project.
 - E. **Tabular Data Template**
 - 1. Displays the tabular data template included in the project.
 - F. **Description**
 - 1. Displays the description of the tabular data template included in the project.
 - G. **Output Style Type**
 - 1. Displays the output style type of the tabular data template included in the project.

H. **Project**

1. Displays the name of the project.
 - c. The user can export report results to a specified file format via the **Export data** button at lower-right of the page.
7. Hyperlinks to the new usage reports were added to several existing pages in FundSuiteArc, as detailed below. Certain **Search Criteria** fields in the respective usage reports will be pre-populated when opening the reports via a hyperlink, based on the page from which the user navigates.
- a. The Portfolio Statement Template Usage Report can be accessed via hyperlinks in the following locations:
 - i. **Portfolio Statement Templates** page (ArcFiling and ArcReporting), **Listing** grid
 - ii. **Project** page (ArcFiling and ArcReporting), upper-right of **Components** tab (when a portfolio statement is selected in the tree view)
 - b. The Financial Statement Template Usage Report can be accessed via hyperlinks in the following locations:
 - i. **Financial Workbook** page, upper-right of **Financials** tab
 - ii. **Financial Workbook Templates** page, **Listing** grid
 - iii. **Project** page (ArcReporting only), upper-right of **Components** tab (when a financial statement is selected in the tree view)
 - c. The Tabular Data Template Usage Report can be accessed via hyperlinks in the following locations:
 - i. **Project** page (ArcFiling and ArcReporting), upper-right of **Components** tab (when a tabular data item is selected in the tree view)
 - ii. **Tabular Data Templates** page (ArcFiling and ArcReporting), **Listing** grid

Additional Information

The following functionality is out of scope at this time and has not been included as a part of the enhancements detailed above:

- Statements that are embedded in footnotes/text snippets are not currently available as a part of the usage reporting suite.

- Financial, portfolio, and tabular data items embedded in a portfolio statement template are not currently available as a part of the usage reporting suite.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

10. Ability to apply details and suppression settings across "All Funds - Repeat" chapters/sections

RRD ID: 52640

Overview

Users can now copy the underlying details and suppression settings of chapters or sections with a behavior setting of *All Funds - Repeat* to specified repeated chapters/sections in a given project template.

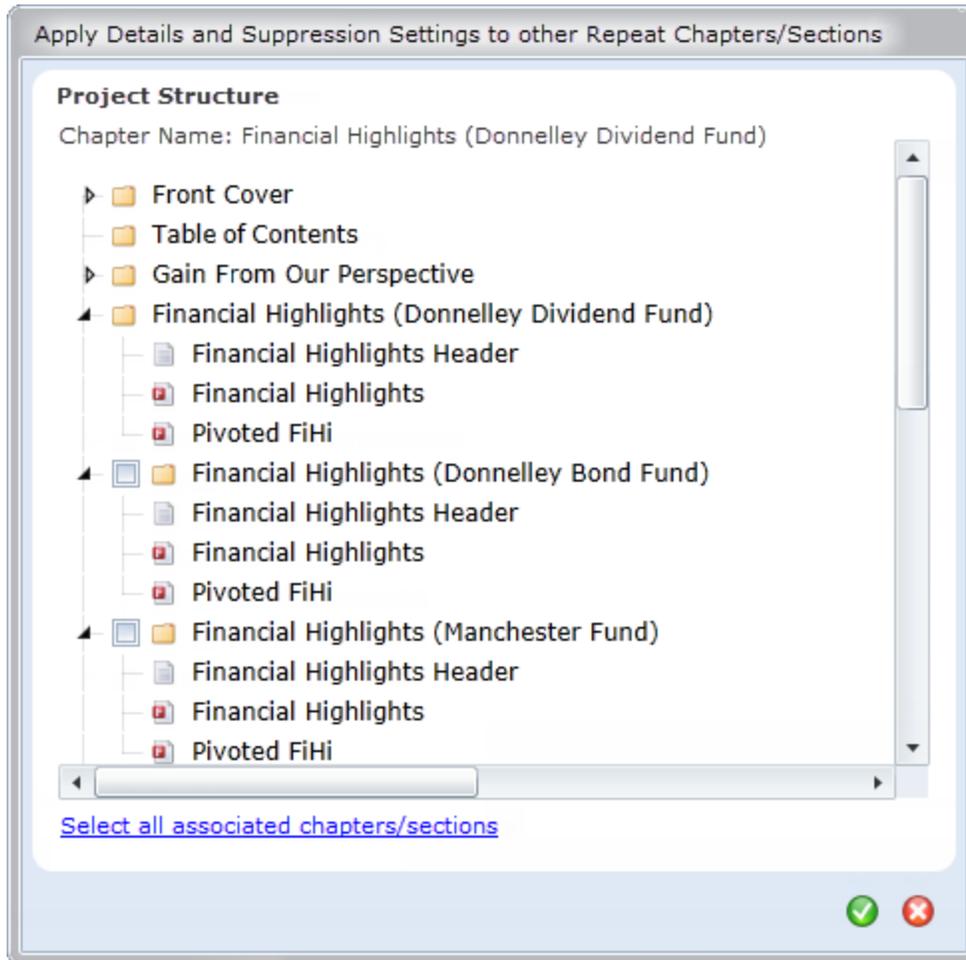
What's New

A new *Apply details and suppression settings to other repeat chapters/sections* hyperlink was added to the *Chapter Detail* and *Section Detail* sub-tabs under the *Contents* tab of the **Project Templates** page.

Chapter Detail	Suppression	Spread/Stack Settings	Assignment
Chapter Name:	Financial Highlights (Donnelley Dividend Fu		
Chapter Code:	FiHi		
Fund:	MyFund		
Financial Workbook Name:	adw		
Publishing Template:	(Default)		
<input checked="" type="checkbox"/> Squeeze content in chapter	3		
<input checked="" type="checkbox"/> Send Chapter to ArcProspectus	Customer ID: MyComplexCode Project Name: MyProjectTemplateName Book Code: MyProjectTemplateCode Section Name: MyChapterName (MyFundName) Content File Name: MyChapterName (MyFundName) Content File Location:		
Apply details and suppression settings to other repeat chapters/sections			

1. The hyperlink is enabled for chapters or sections that have a document structure template behavior setting of *All Funds - Repeat*.

2. Clicking the hyperlink displays an **Apply Details and Settings to other Repeat Chapters/Sections** pop-up dialogue.



- a. The dialogue displays the project structure tree view of the selected chapter or section and the associated, repeated chapters/sections.
- b. Each repeated chapter/section displays a selectable check box.
 - i. The user may select one or more of the chapter/section check boxes.

- c. Clicking the **Accept** button (✔) at lower-right of the dialogue will close the dialogue and apply all of the definable Item details and suppression settings of each item within the originally-selected chapter/section to those chapters/sections selected within the **Apply Details and Settings to other Repeat Chapters/Sections** dialogue.
 - i. When a chapter is selected that contains one or more sections, the definable section details and suppression settings of the section(s) within the originally-selected chapter are applied to those sections for which the check boxes were selected.
 - ii. Copied details include the following:
 - A. **Advanced Suppression** option setting and associated conditional formula
 - B. **Publishing Template** selection
 - C. **Page break before section** setting

Process Changes

No changes to current processes are required.



[Demonstration video](#)

11. Ability to assign project template fund(s) during template copy

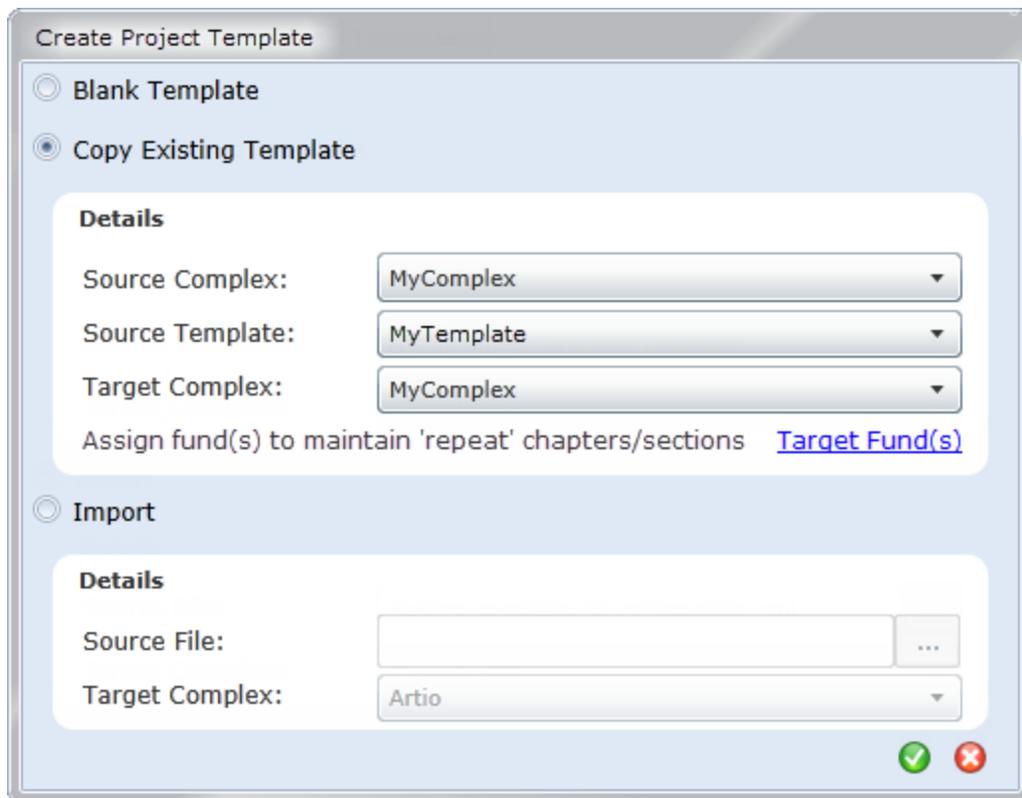
RRD ID: 52641

Overview

When copying a project template, users are now able to assign fund(s) that will maintain chapter, section, item details and suppression settings.

What's New

An **Assign fund(s) to maintain 'repeat' chapter/sections** label and associated **Target Fund(s)** hyperlink were added to the **Copy Existing Template** section of the existing **Copy Project Template** dialogue (invoked via the **Add** button on the **Project Templates** page).



Create Project Template

Blank Template

Copy Existing Template

Details

Source Complex: MyComplex

Source Template: MyTemplate

Target Complex: MyComplex

Assign fund(s) to maintain 'repeat' chapters/sections [Target Fund\(s\)](#)

Import

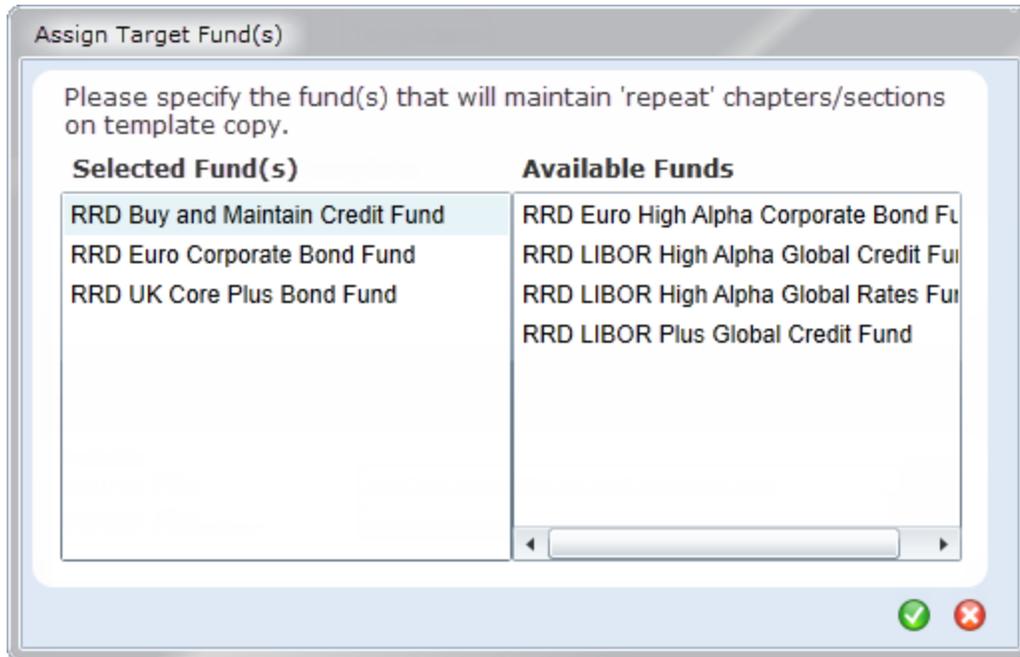
Details

Source File: ...

Target Complex: Artio

✓ ✗

1. Clicking the **Target Fund(s)** hyperlink displays an **Assign Target Fund(s)** pop-up dialogue.



- a. An **Available Funds** list box at right of the dialogue displays all funds assigned to the financial workbook(s) of the specified **Source Template** that have the same fiscal year end month specified in on the **Reporting** tab.
 - b. The user drags-and-drops one or more funds from the **Available Funds** list box to the to **Selected Fund(s)** to specify the fund(s) that will maintain "repeat" chapters/sections as part of the pending project template copy operation.
 - c. Clicking the **Accept** button (✓) at lower-right of the **Assign Target Fund(s)** dialogue saves the specified **Selected Fund(s)** and returns the user to the **Create Project Template** dialogue.
2. Clicking the **Accept** button (✓) at lower-right of the **Create Project Template** dialogue initiates the template copy operation, with the following updates to previous project template copy functionality:
 - a. Chapters and sections with a **Behavior** setting of **All Funds - Repeat** or **All Funds - Single** are maintained and displayed for each of the specified **Target Fund(s)**.
 - b. For all items within all chapters and sections, the **Item Detail** settings are maintained.
 - c. For all items within all chapters and sections, the **Suppression** settings are maintained.

- d. The chapter/section/item details and suppression settings applied to those chapters/sections with a **Behavior** setting of *All Funds - Repeat* or *All Funds - Single* match the chapter/section/item details of the first chapter/section fund instance of the specified **Source Template**.

Example:

A given project template contains a *Schedule of Investments* chapter that is set to *All Funds - Repeat* and displays five repeat chapters. Upon copy of the project template with 10 funds specified as **Target Fund(s)**, all 10 *Schedule of Investments* chapters will display the item details of the first *Schedule of Investments* fund chapter from the source project template.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

12. Enhanced caption and "new security" logic for Holdings load

RRD ID: 52644

Overview

The Holdings data import/dataload were modified to allow users use the security captions within the data source file for new securities. In previous versions of FundSuiteArc, the caption for new securities would come from the Security/Investment Master library within the database, rather than from the data source file.

What's New

A **Use file security captions for new securities** check box was added at right of the existing **Overwrite values with blanks** check box on the **Security Captions** tab of both the **Holdings Load Profiles** page and the **Holdings Import** dialogue.

The screenshot shows the 'Security Captions' tab of a software interface. It features a grid of checkboxes under the heading 'Properties to Overwrite'. The checkboxes are arranged in three columns. The first column includes 'Security Caption', 'Explanatory Notes', and 'Description 1' through 'Description 4'. The second column includes 'Issuer Caption/Assignment' and 'Description 5' through 'Description 8'. The third column includes 'Use file security captions for new securities', 'Issuer CIK', and 'Description 9' and 'Description 10'. A red arrow points to the 'Use file security captions for new securities' checkbox, which is currently unchecked.

1. The check box is cleared by default.
2. The check box is disabled when the **Security Caption** overwrite check box is selected.
3. If a security is new to the specific security library and the check box is selected, the value of the **Security Caption** field in the data source file will be used to populate the database field; the value from the Security/Investment Master library will not be used.
 - a. If the **Security Caption** field is blank or the column is missing in the data source file and the security is not new to the Security/Investment Master library, the database field will be populated with the value *[No Caption Loaded]*.

- b. If the **Security Caption** field is blank or the column is missing in the data source file and the security is new to the Security/Investment Master library, the record will be skipped and not loaded.

Note:

The data import will behave as detailed in the workflow diagrams provided in the **Appendix A: Holdings Import Security Caption Overwrite Logic** section of this document (starting on page 195).

Additional Information

As indicated in the detail above, if the **Security Caption** field is set to overwrite, the **Use file security captions for new securities** check box will be disabled. This is because both check boxes will perform the same function. The **Use file security captions for new securities** functionality will only be activated during data imports in which users are not attempting to overwrite existing securities captions.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

13. Ability to see complex/library name when editing text snippets in "maximized" view

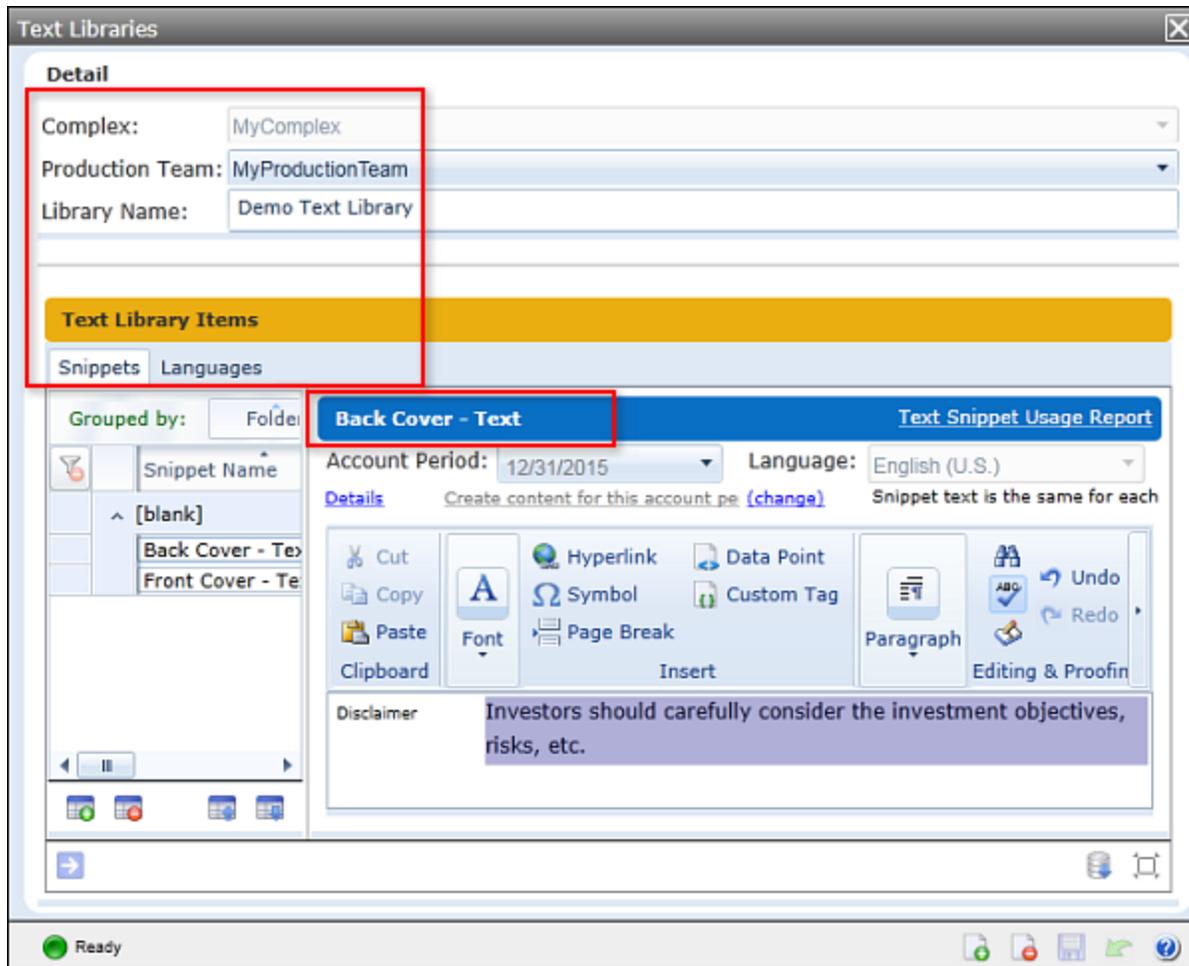
RRD ID: 52646

Overview

Users can now toggle between text snippets when in a "maximized" view on the **Text Libraries** page. They will also be able to see the complex and library associated with the snippet they are currently editing.

What's New

Existing **Maximize view** button functionality on the **Text Libraries** page was updated to show the following page elements:



1. Snippet name (in blue header above text editor controls)
2. **Snippets** and **Languages** tabs
3. **Complex** drop-down list
4. **Production Team** drop-down list
5. **Library Name** text box

Additional Information

The scope of this enhancement was not intended to include the following application pages:

- Footnote Libraries - General Ledger
- Footnote Libraries - Holdings

Process Changes

No changes to current processes are required.



[Demonstration video](#)

14. Improved update/display behavior of custom literal captions

RRD ID: 52647

Overview

Enhancements were made to **Tabular Data Template Output Settings** page so that when a user creates a custom literal (e.g., *Fund*), and then drags it to the mapping grid, the **Caption** value of each language listed on the **Format Items** tab is set to match the specified custom literal text. Once the user has created the literal, any change to the **Caption** value for the default language will now automatically be reflected in the mapping grid.

What's New

1. The **Caption** value for each language listed on the **Format Items** tab of the **Tabular Data Template Output Settings** page will now automatically be populated with the text specified for a new custom literal at the time it is added to the mapping grid.

Tabular Data Template Output Settings

Detail [Multiple Language Options](#)

Use the slider below to adjust the number of columns.

	Header Row	Column 1	Column 2
Row 1	<input type="checkbox"/>	Industry Diversification Disclosure	Percentage of Share<Curr
Row 2	<input type="checkbox"/>	Industry<space>Demo	Value
Row 3	<input type="checkbox"/>	International Discovery<tab>	2%

Use the slider on the right to adjust the number of columns.

Data Points Literals Financial Workbook **Format Items**

Selected Item Detail

Column: 1 Row: 2

Keep with previous

Industry	
<space>	
Demo	

Selected Item Options

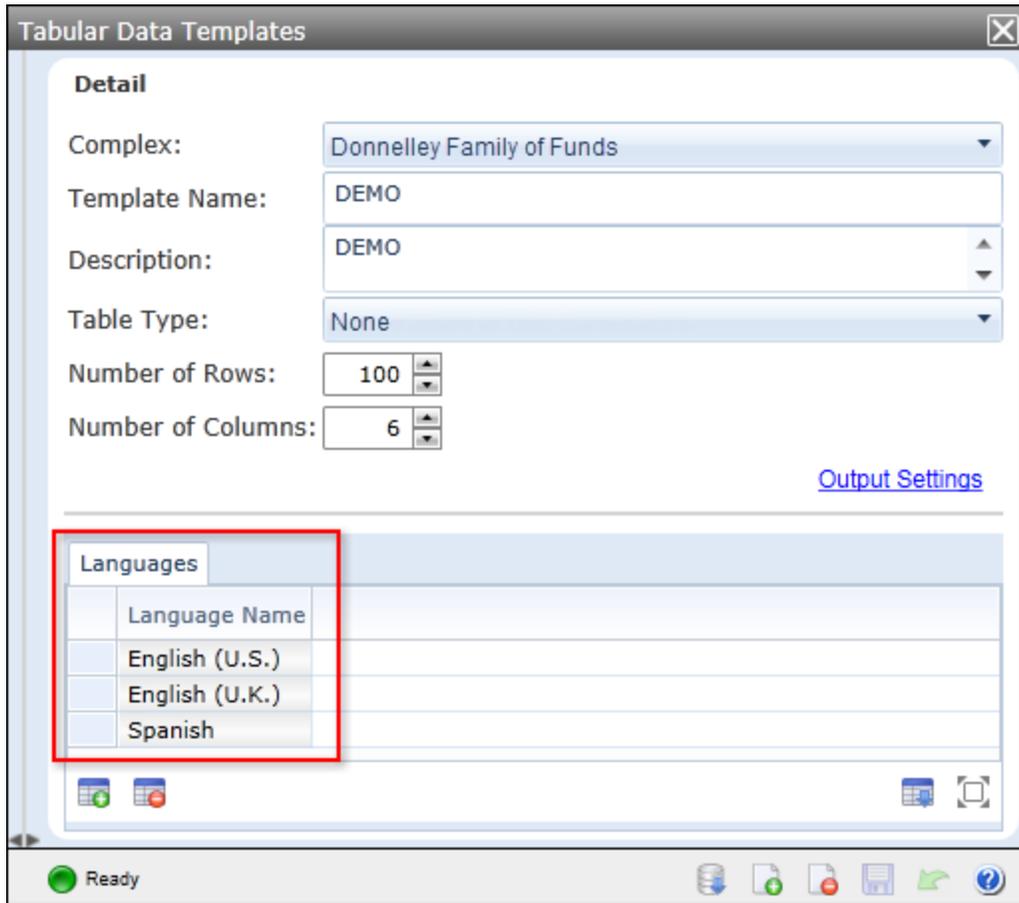
Custom Literal:	Language	Caption
>	English (U.S.)	Demo
	English (U.K.)	Demo
	Spanish	Demo

Highlight 'Keep with previous' items

Ready

- a. If the **Default Language** for the tabular data template's associated complex (as specified via the **Funds** page) is represented by a row in the grid at right of the **Format Items** tab, and the **Caption** value for that language is changed by the user, clicking the **Save** button at lower-right of the page causes the value displayed in the mapping grid to be updated to reflect the new value. If the **Caption** value for any other language is changed by the user, the mapping grid value is not updated upon click of the **Save** button.

- b. The order of the languages in the grid reflects the order specified on the *Languages* tab of the **Tabular Data Templates** page for the current template.



- i. This order is established based on the sequence in which the languages were added to the grid on the *Languages* tab. In previous versions of FundSuiteArc, the languages were ordered by *Default Language* in the first position, followed by all other languages in ascending order by language name.
- 2. The value displayed in the mapping grid of the **Tabular Data Template Output Settings** page for an existing custom literal will now be updated automatically with that of the default language's *Caption* value, when that value is changed and saved.

Process Changes

Users are no longer required to update the *Caption* value on the *Format Items* tab subsequent to creating new custom literals in the output settings for tabular data templates.



[Demonstration video](#)

15. Augmented functionality and consistency for "Conditional Value" data points in text/footnote libraries

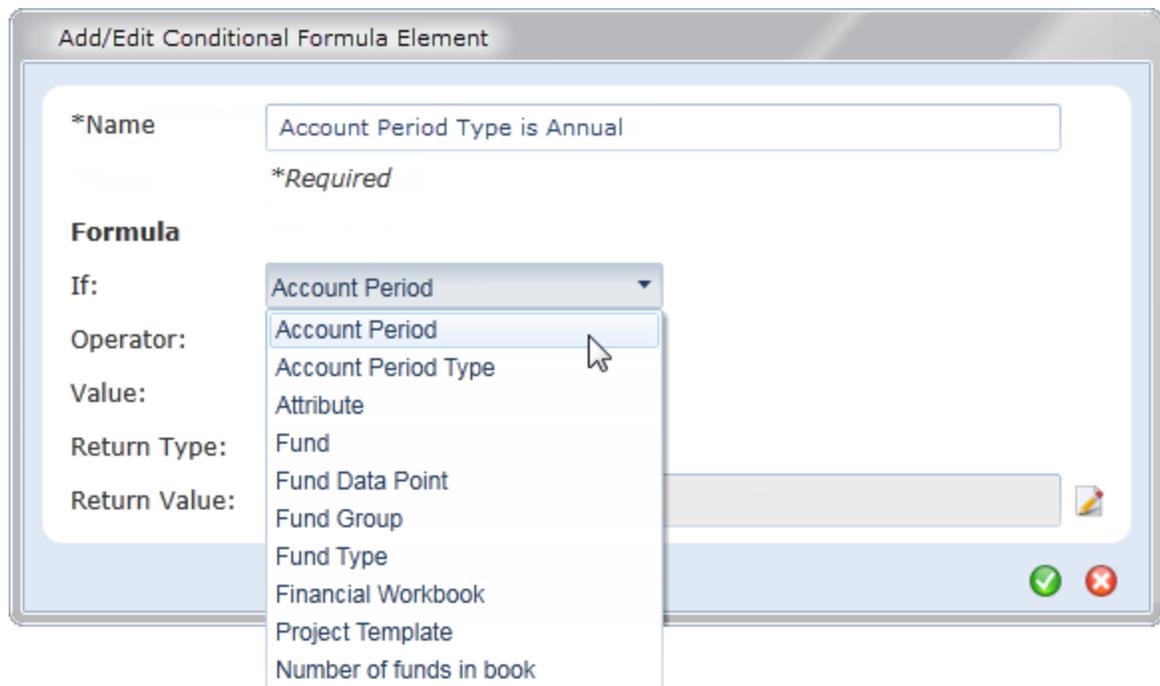
RRD ID: 52648

Overview

When adding a data point of type *Conditional Value* via the **Text Libraries**, **Footnote Libraries - General Ledger** or **Footnote Libraries - Holdings** pages, the **Insert Data Point** pop-up dialogue and associated functionality now match the existing conditional value functionality of the **Custom Data Points** page.

What's New

- Options for *Account Period* and *Project Template* were added to the *If* drop-down list on the **Add/Edit Conditional Formula Element** dialogue, when adding/editing data points of type *Conditional Value* via the **Text Libraries**, **Footnote Libraries - General Ledger** or **Footnote Libraries - Holdings** pages.



2. When defining the **Value to Return** for both the formula element and the **Return Value if no conditions are met** settings of a data point of type **Conditional Value** via the **Edit Value** dialogue, users now have an option to include data points within the return value text string.

Edit Value

Value to Return

Text: Year Ended

System Data Point

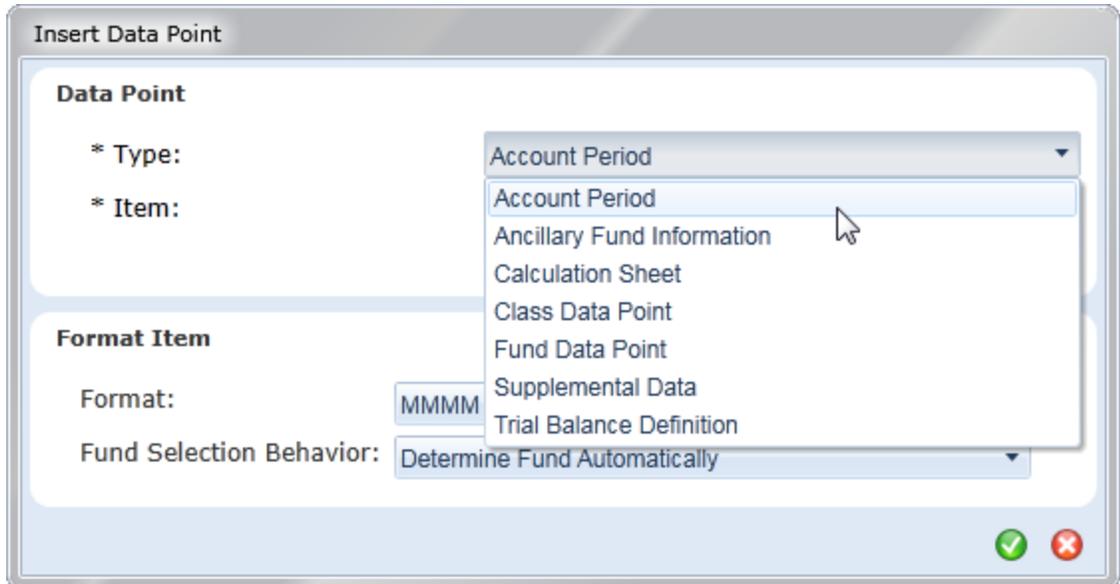
Snippet:

* Type: [Dropdown]

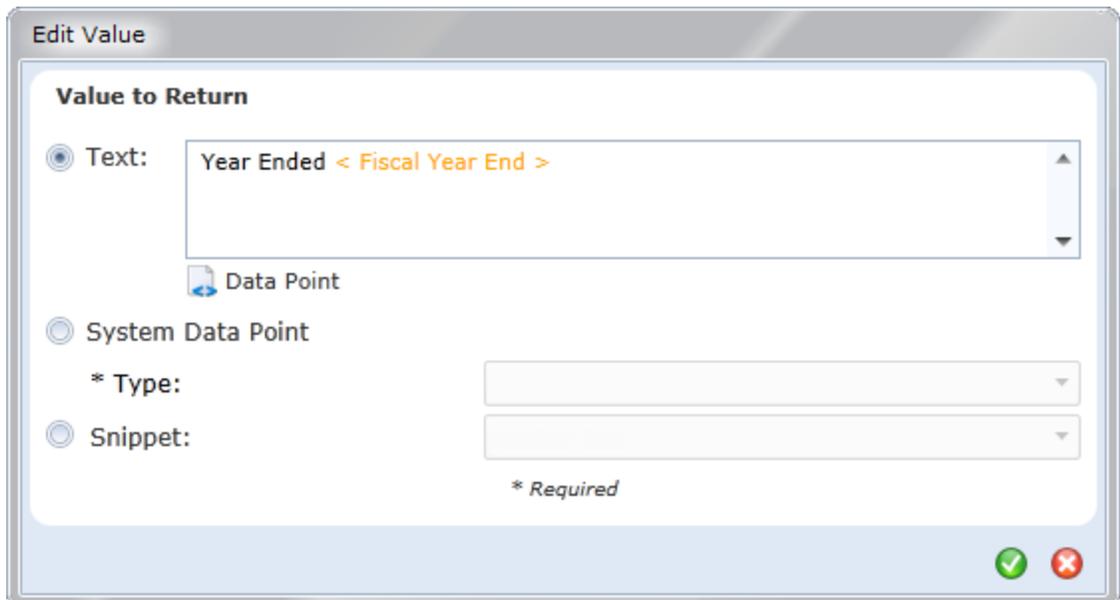
* Snippet: [Dropdown]

* Required

- a. Clicking the **Data Point** button (📄) beneath the **Text** option button text box will display the **Insert Data Point** pop-up dialogue.



Selecting a data point type from the **Type** drop-down list on the dialogue displays all options associated with the specified type, and clicking the **Accept** button (✓) at lower-right of the dialogue inserts the data point in the text box at the cursor location.



Additional Information

- All conditional data points included in a given text/footnote snippet will be shared. This means that for a snippet that is rolled forward, pushed to another period or copied/pasted, the conditional data point(s) contained therein will synchronize with the original parent snippet, and any changes to the data point(s) will be replicated across both.
- In version 2.3.0, an enhancement was made to break conditional data point links within ArcReporting only, which is detailed in the ***Shared text snippet conditional formulas*** section of this document (starting on page 188). All data points that are copied with ArcFiling will remain linked to each other; users must create new conditional values if they do not wish the data points to be synchronized.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

16. Display of impacted projects/funds in Text Snippet Audit Report

RRD ID: 52655

Overview

Users can now see what funds/projects have been impacted by changes to text snippet content with addition of two corresponding columns to the **Text Snippet Audit Report** page.

What's New

1. A **Project** column was added to the results grid on the **Text Snippet Audit Report** page.
 - a. Displays the name of the project to which the snippet is attached for the specified account period and language.
 - i. One row displays per project to which the snippet is attached for the account period.
 - ii. If the **Language** selection is **[All]**, a separate row displays for each language.
2. A **Fund(s)** column was added to the results grid on the **Text Snippet Audit Report** page.
 - a. Displays a comma-delimited list of fund names and associated codes that are attached to the projects in `<fund name><space><fund code>` format (e.g., *Fund01 (FC01), Fund02 (FC02), Fund03 (FC03)*).

Process Changes

No changes to current processes are required.



[Demonstration video](#)

17. Ability to identify statement/tabular data template items using "Keep with previous" setting

RRD ID: 52656

Overview

Users can now easily identify output settings rows for financial statement, portfolio statement and tabular data templates for which the *Keep with previous* setting has been applied.

What's New

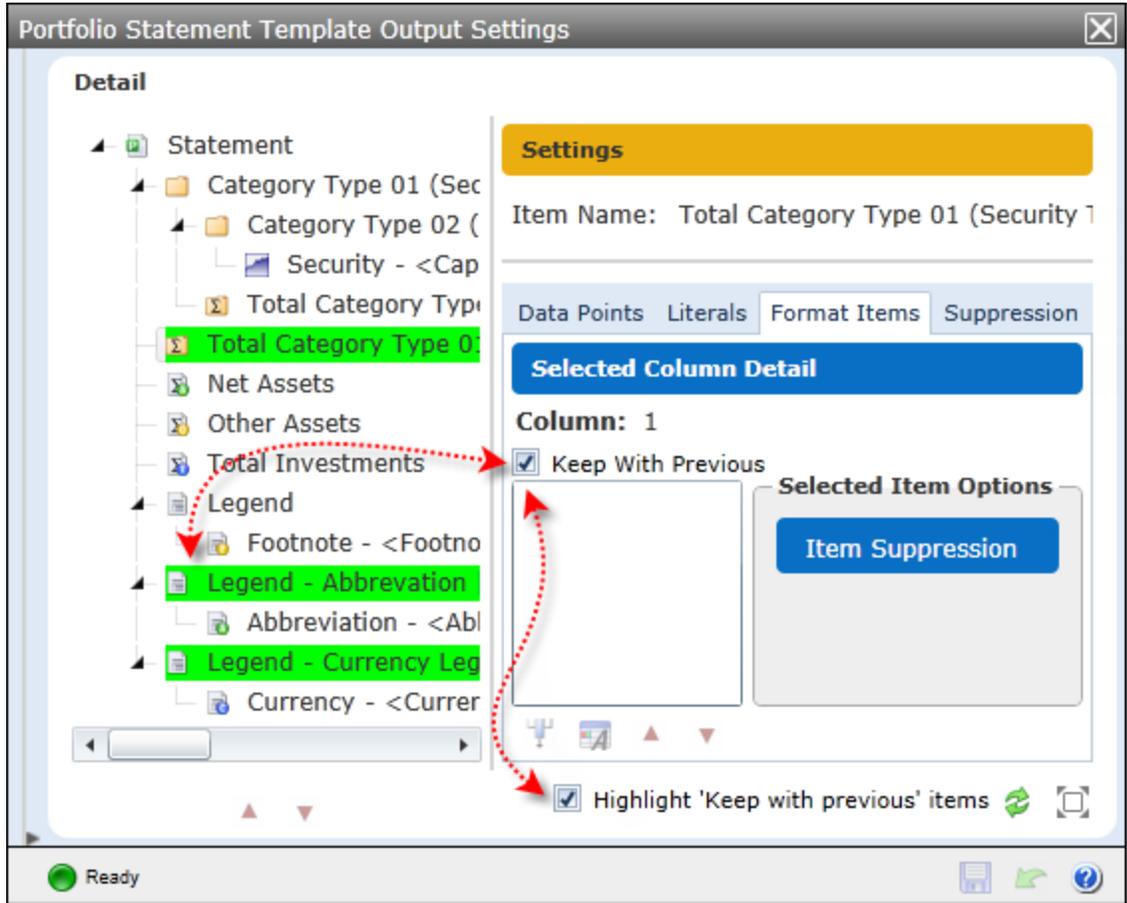
A *Highlight 'Keep with previous' items* check box option was added at lower-right of the *Detail* group box on the **Portfolio Statement Template Output Settings**, **Financial Statement Template Output Settings** and **Tabular Data Template Output Settings** pages.

1. Selecting the check box will highlight in green all template items for which the *Keep with previous* option on the *Format Items* tab has been selected.

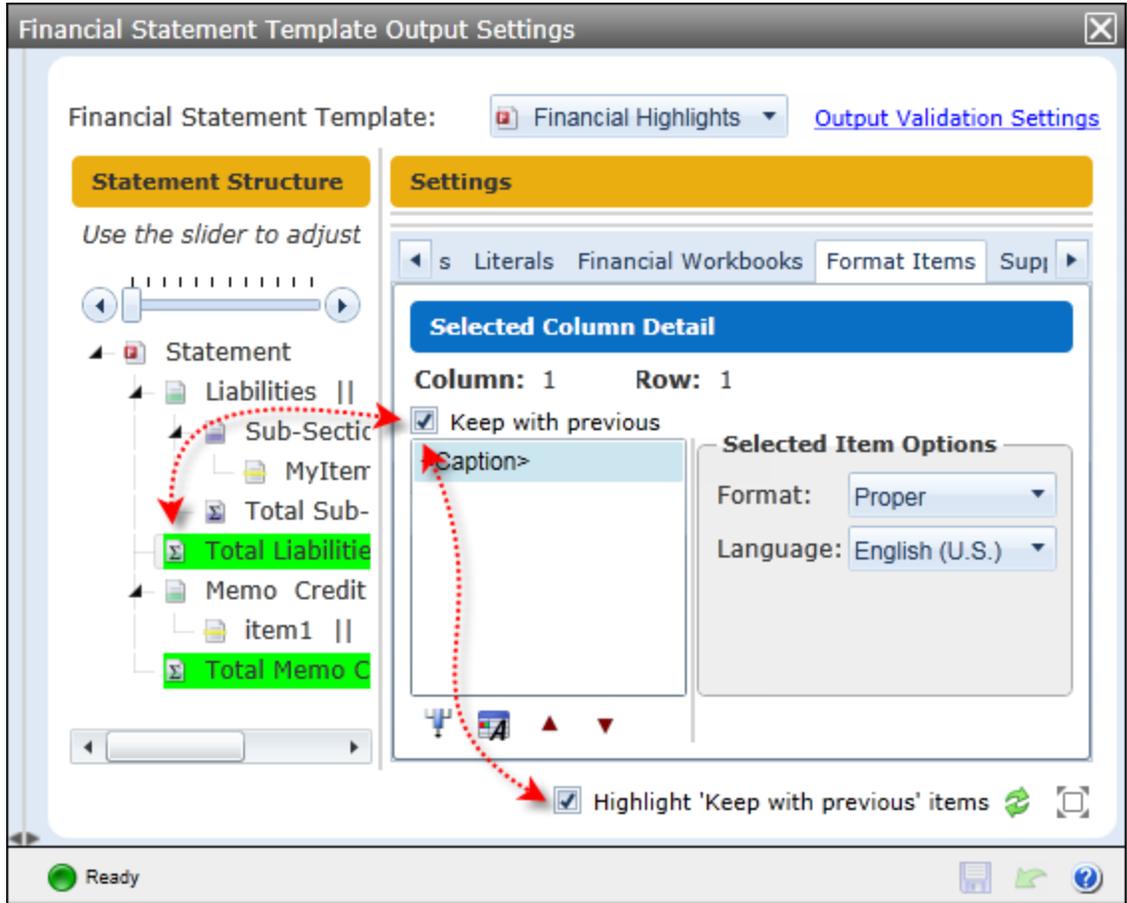
Note:

The default state of the *Highlight 'Keep with previous' items* check box is cleared. If the check box is selected, selecting an alternate template from the *Listing* grid will revert the check box state to cleared.

a. Portfolio Statement Template Output Settings page



b. Financial Statement Template Output Settings page



18. Ability to add fund-specific items "No Repeat" chapters/sections

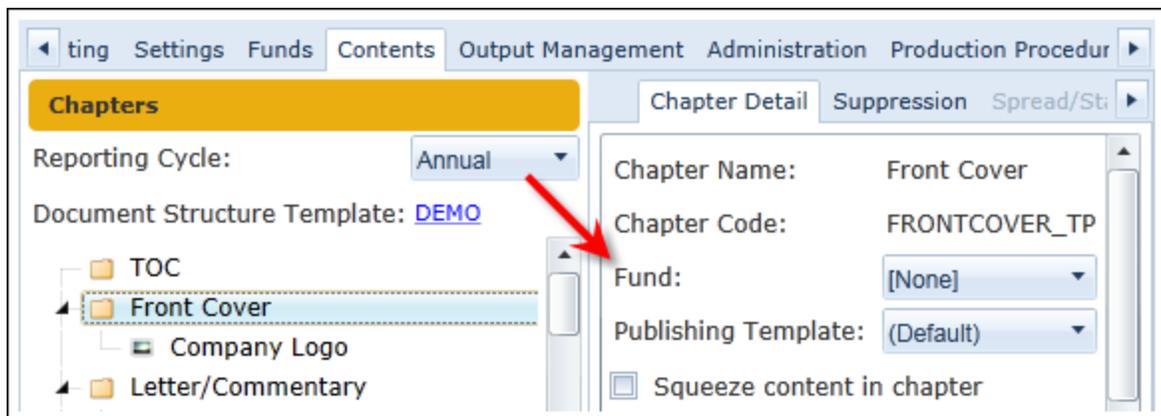
RRD ID: 60904

Overview

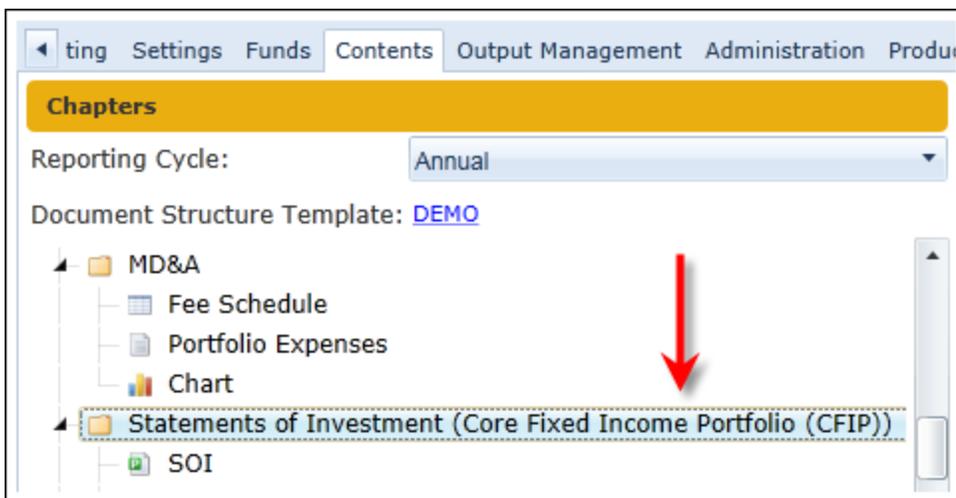
Document structure templates were enhanced to allow users to add a financial and/or portfolio statement to a chapter or section with a **Behavior** setting of *No Repeat*. This new feature allows the user to set the fund that data points in text snippets will use to evaluate. In addition, this functionality allows users to build document structures without using the chapter or section repeat type of *All Funds - Repeat*. This will be of help in situations where chapters or sections do not repeat for every fund in the document or where fund-specific information may need to be shown within a chapter or section that does not repeat.

What's New

1. When a user is setting up a chapter or section in a document structure template and they specify its **Behavior** as *No Repeat*, they can now add a financial and/or a portfolio statement to the chapter or section. The user can simply drag the statement from the **Available Items** tab and drop it in the chapter or section set to *No Repeat*.
2. A **Fund** drop-down list was added to the **Chapter Detail** and **Section Detail** sub-tabs of the **Contents** tab on the **Project Templates** page, for chapters/sections with a **Behavior** setting of *No Repeat*. The user can use the drop-down list to specify the fund they would like to use for the chapter/section.



- a. The default selection is *[None]*.
 - b. All items in the chapter/section will use the specified fund to display corresponding values for the following:
 - i. Tabular data
 - ii. Financial statements
 - iii. Portfolio statements
 - iv. Data points
 - c. If the user does not specify a fund, the following will occur for tabular data, financial statements, portfolio statements and data points:
 - i. The table or statement will not preview on the **Project** page.
 - ii. Project output will still be generated, but the table or statement will be skipped.
 - iii. Data points that require a fund will return as *<undefined>*.
 - d. If a given chapter contains a section and both are set to *No Repeat* but have different funds assigned, the fund assigned at the section level will supercede the fund assigned at the chapter level.
3. The tree view on the **Contents** tab of the **Project Templates** page now displays the fund name and fund code in parentheses for any chapter or section with a **Behavior** setting of *No Repeat* for which a fund has been specified via the **Chapter Detail** or **Section Detail** sub-tab, respectively.



4. The tree view on the **Contents** tab of the **Project Templates** page now displays the fund name and fund code in parentheses for any chapter or section with a **Behavior** setting of *All Funds - Repeat*.
5. The **Spread/Stack Settings** sub-tab of the **Contents** tab on the **Project Templates** page was enabled for chapters or sections with a **Behavior** setting of *No Repeat*.
 - a. The **Class** and **Stack** option buttons are selected by default for chapters/sections with this behavior; the **Fund** and **Spread** option buttons are disabled and cannot be selected by a user.
6. The existing Project Template Audit Report now includes **Fund** as a possible value for the **Sub Type** column in output, for rows with an **Item Type** of *Chapter Detail* or *Section Detail*.
7. The **Project Content** tree view on the **Project** page now displays the fund name and fund code in parentheses for any chapter or section with a **Behavior** setting of *No Repeat* for which a fund has been specified via the **Chapter Detail** or **Section Detail** sub-tab of the **Project Templates** page.
8. The existing **Fund Name** label and associated value on the **Components** tab of the **Project** page now display for any chapter or section with a **Behavior** setting of *No Repeat*.
9. The existing **Fund Name** label and associated value on the **Administration** tab of the **Project** page now display for any chapter or section with a **Behavior** setting of *No Repeat*.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

19. Improved processing of default style sheet publishing template settings

RRD ID: 63840

Overview

Updates to document processing logic were made to ensure that when a **Publishing Template** selection of **(Default)** is specified for a given chapter or section via the **Chapter Detail** or **Section Detail** sub-tab of the **Project Templates** page, the publishing template name passed to the rendering engine is that of the template designated as the **Default** via the **Style Sheets** page.

What's New

When a given publishing template is designated as the **Default** via the **Style Sheets** page, the name of that template will now be reflected as the value of the `pubtemplate` attribute of any **chapter** or **section** RenderML element for which **(Default)** is the specified **Publishing Template** selection.

Note:

- If none of the publishing templates associated with a given style sheet are designated as the **Default** and a project template chapter or section specifies a **Publishing Template** of **(Default)**, the RenderML `pubtemplate` attribute value will be `default`.

Note:

This would be considered a setup issue, and would result in incorrect output. The user (RR Donnelley XPP team or Implementation team) would need to specify a **Default** publishing template for the associated style sheet via the **Publishing Templates** tab of the **Style Sheets** page.

- If multiple publishing templates associated with a given style sheet are designated as the **Default** and a project template chapter or section specifies a **Publishing Template** of **(Default)**, the RenderML `pubtemplate` attribute value will be the name of the first template listed in the grid of the **Publishing Templates** tab of the **Style Sheets** page.

Note:

This would be considered a setup issue, and would result in incorrect output. The user (RR Donnelley XPP

team or Implementation team) would need to ensure that only one **Default** publishing template is designated for the associated style sheet via the **Publishing Templates** tab of the **Style Sheets** page.

Example:

1. The user selects a publishing template from the grid on the **Publishing Templates** tab of the **Style Sheets** page, clicks the **Edit selected record** button, selects the **Set as Default** check box on the **Edit Style Sheet Publishing Template** dialogue, then clicks the **Accept** button to close the dialogue.

Add Style Sheet Publishing Template

Publishing Template

* Template Name: STAND

Description: Standard Pages

Assembly Ticket: BODY 1:1
{
divname : <DIVNAME>
...

Division Ticket: divmsg : "test1"
dfname : ""
ml : default
...

Set as Default

Has Table of Contents

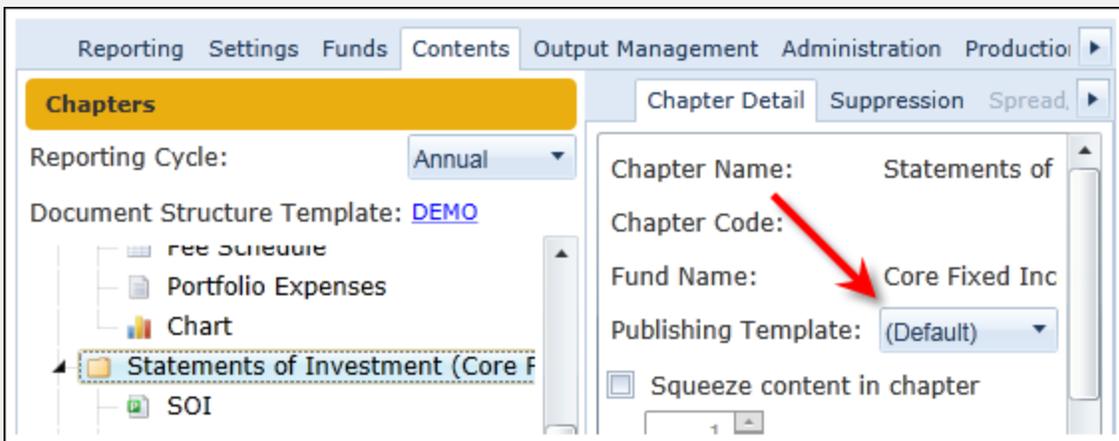
Table of Contents Name:

* Required

The template is flagged as the *Default* in the *Publishing Templates* grid.

Job Ticket	Publishing Templates	Supporting Files
Template Name	Description	Default
SOI	Schedule of Investments	<input type="checkbox"/>
FIN	Financial Statements	<input type="checkbox"/>
NOTES	Notes to Financial Statements	<input type="checkbox"/>
MDFP	Fund Performance Pages	<input type="checkbox"/>
STAND	Standard Pages	<input checked="" type="checkbox"/>

- The user selects a chapter or section in the tree view of the *Contents* tab on the *Project Templates* page, then specifies the *(Default)* selection for the *Publishing Template* drop-down list on the *Chapter Detail* or *Section Detail* sub-tab.



Reporting Settings Funds Contents Output Management Administration Production

Chapters Chapter Detail Suppression Spread

Reporting Cycle: Annual

Document Structure Template: DEMO

- Fee Schedule
- Portfolio Expenses
- Chart
- Statements of Investment (Core F)
- SOI

Chapter Name: Statements of

Chapter Code:

Fund Name: Core Fixed Inc

Publishing Template: (Default)

Squeeze content in chapter

- Upon successful publishing of a project or chapter, the resulting RenderML code will identify all chapters and sections referencing the *(Default)* publishing template by the appropriate publishing template name, as designated by the *Default* setting from the *Style Sheets* library page.

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

20. Enhanced management of project- and chapter-level published output

RRD ID: 63900

Overview

Enhancements were made with regard to the management of published output on both the project and chapter levels. All published instances of both project- and chapter-level output are now maintained and accessible via the **Output Management** tab of the **Project** page for all users of a given complex.

What's New

1. The **Drafts** tab was removed from the **Project** page.
 - a. As part of the version 2.3.0 update process, all previously-existing output drafts will be migrated to the new revisions grid on the existing **Output Management** tab (discussed below), displaying in the order in which they were published.
2. The existing **Output Management** tab on the **Project** page was updated to be project- and chapter-specific, based on which item is selected within the tree view structure at left of the page.
 - a. When the **Project** (topmost) node of the tree view is selected, the term **Project**, followed by the current project name, is displayed at the top of the tab.
 - i. All available options/settings displayed on the tab can be used to generate project-level output.
 - b. When any given chapter node of the tree view is selected, the term **Chapter**, followed by the selected chapter name, is displayed at the top of the tab.
 - i. All available options/settings displayed on the tab can be used to generate chapter-level output.
 - c. When any given item contained in a chapter is selected in the tree view, no options/settings will be available for use on the tab.
 - d. The existing **From draft** and **To draft** drop-down lists on the tab have been renamed to **From revision** and **To revision**, respectively.

- e. A revision grid was added to the bottom portion of the tab. This grid displays all published instances of project or the selected chapter output. The publishing instances are unique to the project or selected chapter. Information for each published instance is displayed in the following grid columns, from left-to-right:

	Rev 	Output Ty 	Comments (click row, then Edit button)	Publish 	User 
	20	PDF	Manager sign-off (Doe, Jane 2/20/2015 2:23:15 PM) 	2/20/2015	Doe, Jane
	19	PDF	Draft 3 sent (Public, John 2/20/2015 2:02:40 PM) 	2/20/2015	Public, Joh
	18	Word		2/18/2015	Smith, Joe
	17	PDF [Banner:		2/17/2015	Smith, Joe
	16	PDF BL (Strik	From revision 11 to 15 (Doe, Jane 2/20/2015 2:23:15 PM) 	2/16/2015	Doe, Jane
	15	PDF	Draft 2 sent for review (Public, John 1/20/2015 4:13:19 PM) 	1/20/2015	Public, Joh
	14	EDGAR (HTM		1/20/2015	Doe, Jane

Rows Per Page: 

 Page of 1

- i. For each listed revision, a clickable *View/save output file* image/button is displayed.
 - A. The button image is dependent on the *Output Document Type* represented by the row.

1.  - EDGAR (HTML)
2.  - Excel
3.  - PDF

4.  - Word
5.  - XBRL
6.  - N-MFP (XML)

B. Clicking the button prompts the user to open or save the associated output file.

ii. **Revision**

A. Displays the sequential number of successfully-generated output for the project or selected chapter.

1. Each time output is submitted for the project or selected chapter, the **Revision** value increments by 1. Only successfully-generated output is displayed in the revision grid.
2. Revision numbers are listed in descending order (*i.e.*, with the most recent revision at the top of the grid).

iii. **Output Type**

A. Identifies the **Output Document Type** with abbreviated descriptions of other selected output options for the associated revision.

1. EDGAR (HTML) - PDF
2. EDGAR (HTML) - PDF BL (Fin)
3. EDGAR (HTML) - PDF BL (Strike)
4. Excel
5. N-MFP (XML)
6. N-MFP Review Report
7. PDF
8. PDF (Multi-Chapter)

9. PDF BL (Fin)
10. PDF BL (Fin) [Banner]
11. PDF BL (Strike)
12. PDF BL (Strike) [Banner]
13. PDF Change BL (Fin)
14. PDF Change BL (Fin) [Banner]
15. PDF Change BL Clean
16. PDF Change BL Clean [Banner]
17. PDF [Banner, Hide Bleeds]
18. PDF [Banner]
19. PDF [Hide Bleeds]
20. Word
21. Word (Multi-Chapter)
22. XBRL

iv. **Comments** (*click row, then Edit button*)

- A. For each displayed revision, users may click within the desired revision grid row, and then click the **Edit** button () to invoke the **Revision Comments** pop-up dialogue.



1. The user can enter text in the **New Comments** text box at the top of the dialogue, which will be prepended as a journal entry to any/all existing journal entries to the comment.
 - a. The maximum character limit for the text box is 1028.
2. The **Comment History** read-only text box at the bottom of the dialogue displays any/all existing journal entries to the comment field, in descending order (*i.e.*, most recent at top).
 - a. Each journal entry to the comment is appended with the user name and date/time of the entry in (<LastName>, <FirstName> mm/dd/yyyy hh:mm:ss AM/PM) format (e.g., *My comment text (Doe, Jane 12/15/2014 8:47:26 AM)*).

3. Clicking the **Accept** button at lower-right of the dialogue causes the dialogue to close, and for the specified text in the **New Comments** multi-line text box to be prepended to the existing comment text, if any.
 - a. The comment(s) for the selected revision are displayed in the scrollable **Comments** text box.
4. Clicking the **Cancel** button at lower-right of the dialogue causes the dialogue to close, and for the existing comment text, if any, to remain unchanged.

Note:

For revisions representing document types that require the selection of **From revision** and/or **To revision** (e.g., Blackline, etc.), comments are automatically added indicating the specified **From revision** and/or **To revision** value(s).

- v. **Publish Date/Time**
 - A. Displays the data and time that each published revision was requested.
- vi. **User**
 - A. Displays the **Last Name, First Name** of the user who initiated the output.
- vii. **Message** (ArcFiling only)
 - A. Displays a clickable **View message** image/button for each row representing the **N-MFP (XML)** output type.
 1. Clicking the button displays the message returned following submission.
- f. To manually delete a revision from the grid, the user selects any area of the revision row to be deleted, and clicks the **Remove item from grid** button (🗑️) at lower-left of the revision grid.
 - i. Clicking the **Yes** button on the confirmation message that displays will remove the selected revision from the grid.
3. Output generated for one or more chapters from the tree view of the **Project** page via the existing **Generate Output for Chapter(s)** right-click context menu option will now be associated with either the project or a specific chapter, dependent on the number of chapters specified for output.
 - a. If only one chapter is specified for generation, the resulting output will display in the revision grid on the **Output Management** tab for the selected chapter.

- A. The default value is **1095** (3 years).
 - B. If a user enters a value less than 60 (60 days), the system will carry out the purge every 60 days.
 - C. If a user enters a value greater than 2557 (7 years), the system will carry out the purge every 2557 days.
 - D. If a user enters an invalid (e.g., non-numeric) value, the system will carry out the purge every 2557 days.
- d. *PurgeEmptyCommentRevisionsExceptMostRecentInDays*
- i. This setting specifies the interval (in days) at which the system will purge all Project and Chapter output revisions that have an empty **Comments** field from the database, based on publish date, with the exception of the most recent revision of each output type.
 - A. The default value is **182** (6 months).
 - B. If a user enters a value less than 60 (60 days), the system will carry out the purge every 60 days.
 - C. If a user enters a value greater than 2557 (7 years), the system will carry out the purge every 2557 days.
 - D. If a user enters an invalid (e.g., non-numeric) value, the system will carry out the purge every 2557 days.
- e. *PurgeAllChapterRevisionsExceptMostRecentInDays*
- i. This setting specifies the interval (in days) at which the system will purge all chapter output revisions from the database, based on publish date, with the exception of the most recent revision of each output type.
 - A. The default value is **90** (3 months).
 - B. If a user enters a value less than 60 (60 days), the system will carry out the purge every 60 days.
 - C. If a user enters a value greater than 2557 (7 years), the system will carry out the purge every 2557 days.

- D. If a user enters an invalid (e.g., non-numeric) value, the system will carry out the purge every 2557 days.
- f. *PurgeAllChapterRevisionsInDays*
- i. This setting specifies the interval (in days) at which the system will purge all Chapter output revisions from the database, based on publish date.
 - A. If a user enters a value less than 60 (60 days), the system will carry out the purge every 60 days.
 - B. If a user enters a value greater than 2557 (7 years), the system will carry out the purge every 2557 days.
 - C. If a user enters an invalid (e.g., non-numeric) value, the system will carry out the purge every 2557 days.
- g. *PurgeEmptyCommentChapterRevisionsExceptMostRecentInDays*
- i. This setting specifies the interval (in days) at which the system will purge all chapter output revisions that have an empty **Comments** field from the database, based on publish date with the exception of the most recent revision of each output type.
 - A. If a user enters a value less than 60 (60 days), the system will carry out the purge every 60 days.
 - B. If a user enters a value greater than 2557 (7 years), the system will carry out the purge every 2557 days.
 - C. If a user enters an invalid (e.g., non-numeric) value, the system will carry out the purge every 2557 days.

Process Changes

These enhancements result in a change in how users work within the **Project** page. Please review the above list of new features to understand how you are impacted with regard to viewing drafts, setting up PDF purge settings and making comments to published drafts.



[Demonstration video](#)



Enhancements to ArcReporting

The following section lists enhancements in this product release that pertain specifically to the ArcReporting product.

1. Ability to stack financial tables by fund or class

RRD ID: 42392

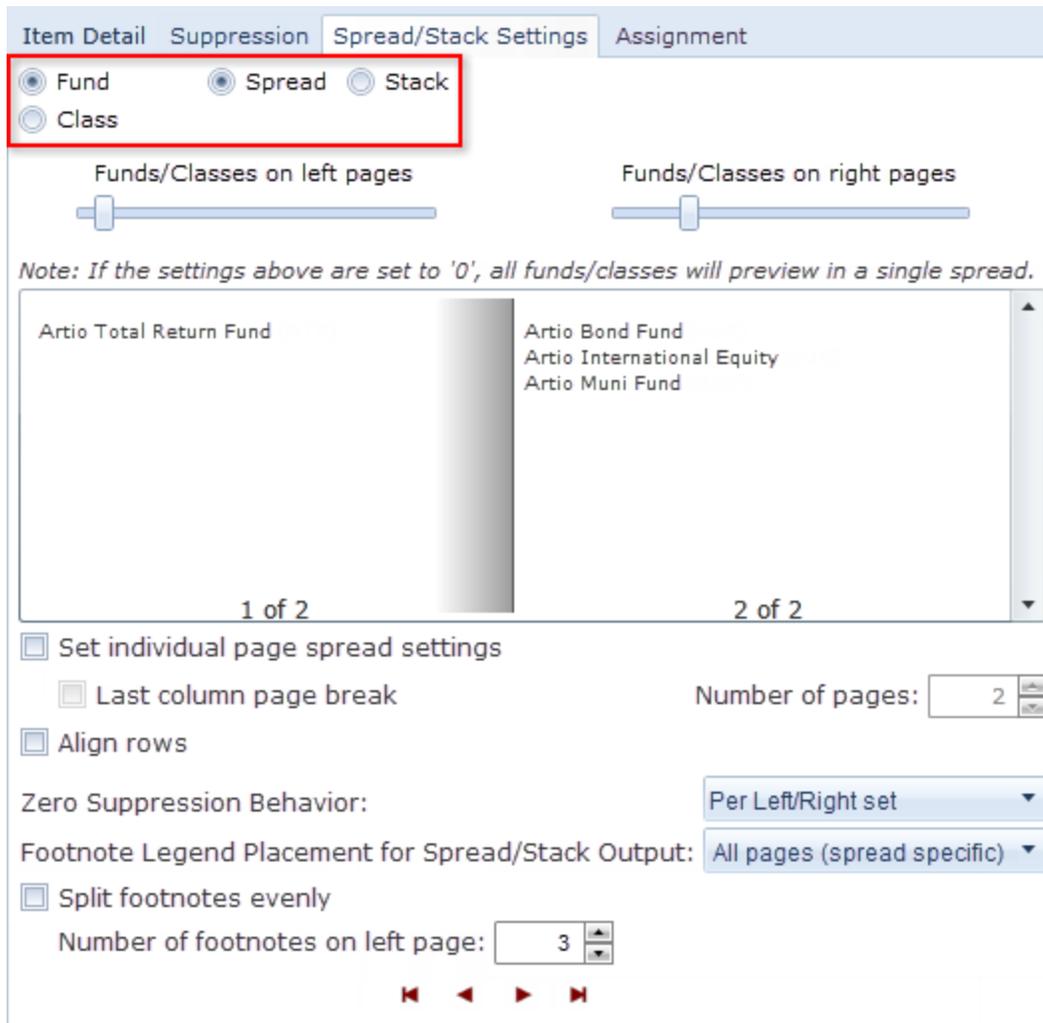
Overview

FundSuiteArc was enhanced to allow a user to stack financial tables by fund or class via the **Spread/Stack Settings** tab of the **Project Templates** page. The user can define which funds or classes display on a page and can also designate a footnote legend to display on each page.

What's New

1. The existing **Spread** sub-tab of the **Contents** tab on the **Project Templates** page was renamed **Spread/Stack Settings**.
2. The **Spread/Stack Settings** sub-tab of the **Contents** tab on the **Project Templates** page is now available for use by financial statements in a chapter or section with a **Behavior** setting of **No Repeat** or **All Funds - Repeat**.

3. Two option button sets were added to the top of the **Spread/Stack Settings** sub-tab of the **Contents** tab on the **Project Templates** page. Users can specify appropriate option button selections to set up either a **Spread** or **Stack** by **Fund** or **Class**.



- a. **Fund** and **Spread** combination (default selections)
 - i. This setup existed in previous versions of FundSuiteArc; no changes were made to the associated functionality/output behavior.

b. **Fund** and **Stack** combination

- i. This setup allows the user to define which funds display on which pages, and the financial statement will display stacked by fund in project output.

A. When a user selects **Stack**, the following options are available:

1. **Set Individual page spread settings**

- a. The user can set the **Number of pages** via the associated spinner box.

2. **Zero Suppression Behavior**

- a. The user can only select **Per Stack**.

3. **Footnote Legend Placement for Spread/Stack Output**

- a. The user can only select one of the following options:

- i. **All Pages (page specific)**
- ii. **Last spread - last page**

Note:

If a user selects a chapter or section whose **Behavior** has been set to **All Funds - Repeat**, the **Fund** option is not available for either **Spread** or **Stack**.

c. **Class** and **Spread** combination

- i. This setup works just like the **Fund** and **Spread** setup, except that the user can define which classes will display on which pages in project output.

d. **Class** and **Stack** combination

- i. This option allows the user to define which classes display on which pages, and the financial statement will display stacked by class in project output.

A. When a user selects **Stack** the following options are available:

1. **Set Individual page spread settings**

- a. The user can set the **Number of pages** via the associated spinner box.

2. **Zero Suppression Behavior**
 - a. The user can only select *Per Stack*.
3. **Footnote Legend Placement for Spread/Stack Output:**
 - a. The user can only select one of the following options:
 - i. *All Pages (page specific)*
 - ii. *Last spread - last page*

Note:

If a user selects a chapter or section whose **Behavior** has been set to *All Funds - Single*, the **Class** option is not available for either **Spread** or **Stack**.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

2. Usability enhancements to financial statement template "Available Items" interface

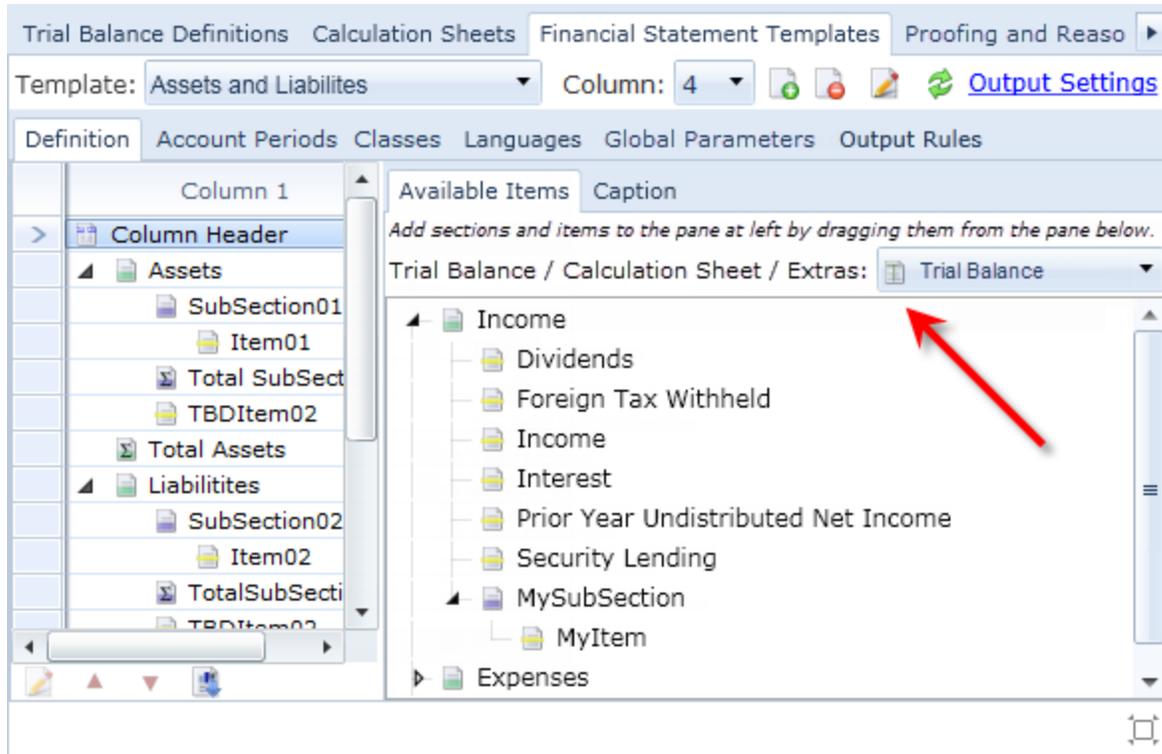
RRD ID: 49253

Overview

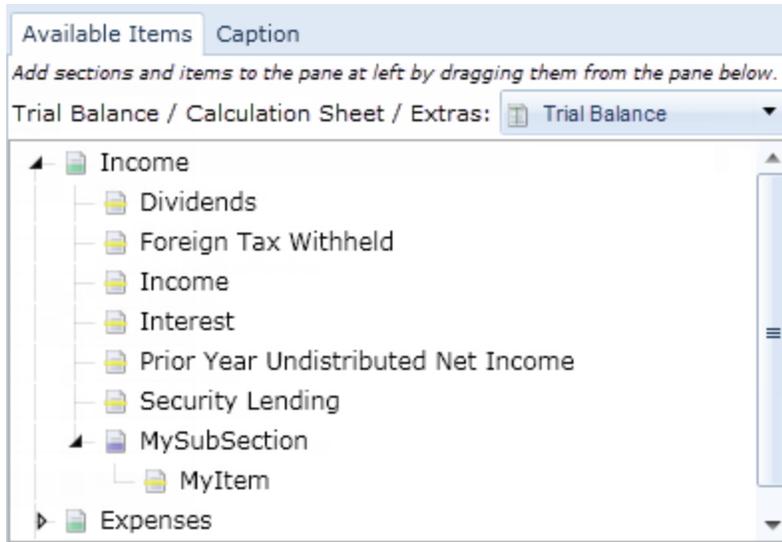
The **Available Items** sub-tab to the **Financial Statement Templates** tab on the **Financial Workbook Templates** page was streamlined to display a drop-down list of options, rather than a series of additional sub-tabs. Users mapping items to a financial statement template can now specify **Trial Balance**, **Calculation Sheet** or **Extras** from the drop-down list and the corresponding available items for mapping will display in the associated selection pane.

What's New

In previous versions of FundSuiteArc, when a user mapped items to a financial statement template, a series of tabs containing all available trial balance, calculation sheet and "extra" items was used for selection of items to map. Depending on the number of trial balances and calculation sheets, this arrangement could be cumbersome, since it required the user to scroll through every available trial balance and calculation sheet to find the item they wished to map. In version 2.3.0, the sub-tabs were replaced with a **Trial Balance/Calculation Sheet/Extras** drop-down list to provide a more streamlined navigation and selection approach for mapping a financial statement template.



1. When the drop-down list is clicked, the available trial balance(s), calculation sheet(s) and "extra" items display.
 - a. The user can select the desired trial balance, calculation sheet or extra item, whose corresponding available items display in the selection pane of the **Available Items** sub-tab.



- b. The user can map the desired item(s) to the financial statement template, as in previous versions of FundSuiteArc.

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

3. Ability to define and reference ancillary fund information data points

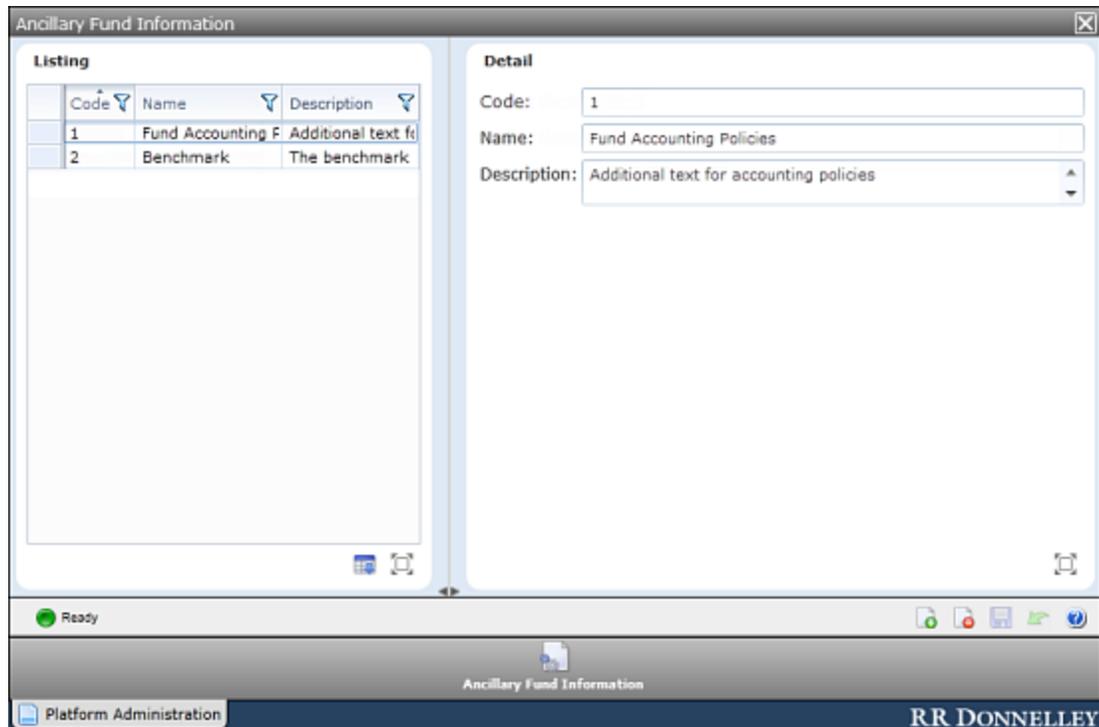
RRD ID: 50338

Overview

Users now have the ability to define database-level fund data points. These data points can be evaluated and rendered in output similar to data points like *fund name*, *fund code*, etc. and can be referenced throughout ArcReporting for output purposes.

What's New

1. Two new user rights were added to the **Roles** page in the *Platform Administration* area.
 - a. *Open Ancillary Fund Information Page*
 - i. A user having this new right will be able to open the new **Ancillary Fund Information** page (outlined below).
 - b. An *Add/Edit/Delete Ancillary Fund Information* right was added as a child right to the *Open Ancillary Fund Information Page* right.
 - i. A user having this new right will be able to open and add/edit/delete records on the new **Ancillary Fund Information** page (outlined below).
2. A new *Ancillary Fund Information* item was added under the **Settings** menu section in the Platform Administration area.
 - a. When the *Ancillary Fund Information* menu item is clicked, the **Ancillary Fund Information** page displays.



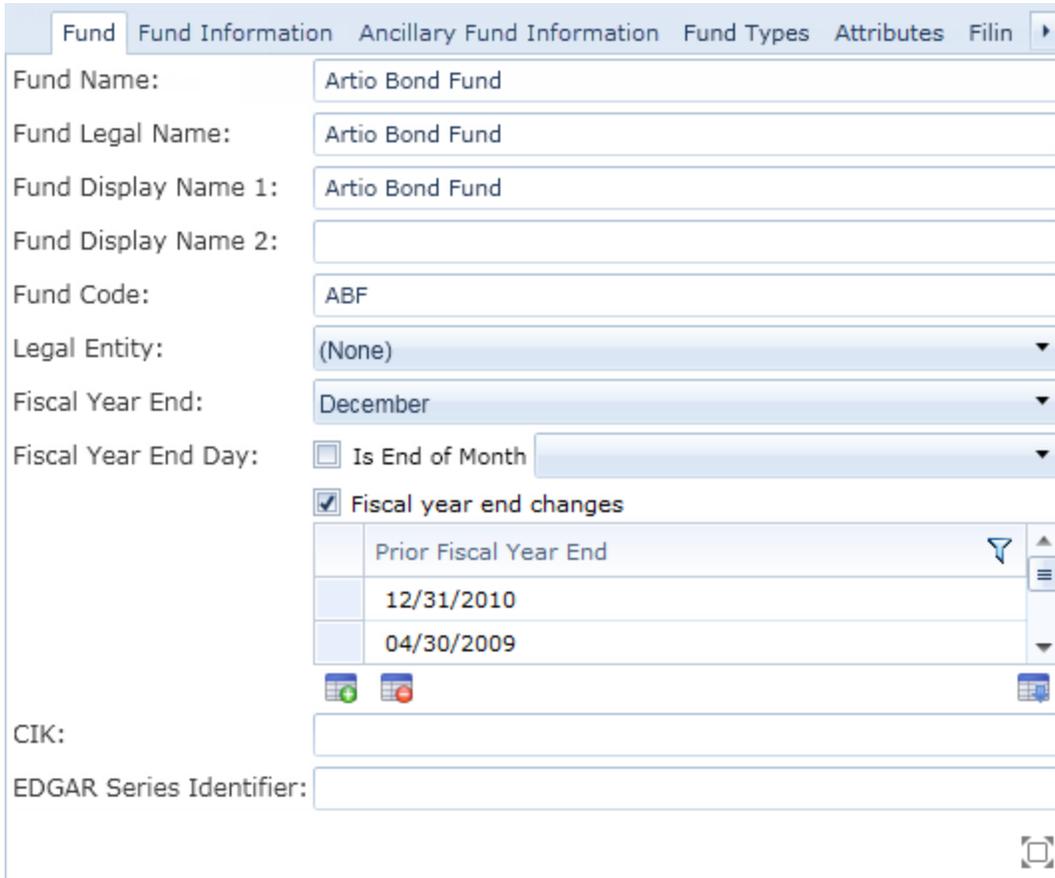
- i. A **Listing** group box is displayed in the pane at left of the page.
 - A. A grid containing the following columns in default order from left-to-right is displayed in the group box:
 1. **Code**
 2. **Name**
 3. **Description**
- ii. A **Detail** group box is displayed in the pane at right of the page.
 - A. A **Code** text box is displayed at the top of the group box.
 1. A unique value is required for this field.
 - a. The maximum character length for the field is 9.
 - b. Only numeric values may be entered in the field.

- B. A **Name** text box is displayed beneath the **Code** text box.
 - 1. A unique value is required for this field.
 - a. The maximum character length for the field is 128.
 - C. A **Description** multi-line text box is displayed beneath the **Name** text box.
- iii. An **Add** button is displayed at lower-right of the page.
- A. Clicking the button causes a new record to be added to the top of the grid in the **Listing** group box, whose details are provided via the controls in the **Detail** group box.
- iv. A **Delete** button is displayed at lower-right of the page, at right of the **Add** button.
- A. Clicking the button causes the currently-selected ancillary fund information record to be deleted from the database.
- v. A **Save** button is displayed at lower-right of the page, at right of the **Delete** button.
- A. If one of the events causing the page to be in an unsaved state was the deletion of an ancillary fund information record, validation logic is run to determine whether or not that record is referenced in a data point or in output settings, or a value assigned to a data point on any fund.
 - 1. If the record is referenced in a data point or in output settings, or a value assigned to a data point on any fund, the following **Save Message** pop-up dialogue displays:

This ancillary fund information record is assigned to a data point on one or more funds, or is referenced in a data point or in output settings. The record cannot be deleted until it has been unassigned from the applicable area(s).

 - a. Clicking the **OK** button on the dialogue causes the dialogue to close, and for the following to occur:
 - i. The **Save** and **Revert** buttons remain enabled, such that the user may revert all changes (*i.e.*, the record will not be deleted).
 - 2. If the record is not referenced in a data point nor in output settings, nor a value assigned to a data point on any fund, the record is deleted.

- vi. A **Revert** button is displayed at far lower-right of the page, at right of the **Save** button.
- 3. The fund-level detail pane of the **Funds** page was modified so that all fund-related tabs are at the top of the pane.



The screenshot shows the 'Fund' tab selected in a pane. The fields and their values are as follows:

- Fund Name: Artio Bond Fund
- Fund Legal Name: Artio Bond Fund
- Fund Display Name 1: Artio Bond Fund
- Fund Display Name 2: (empty)
- Fund Code: ABF
- Legal Entity: (None)
- Fiscal Year End: December
- Fiscal Year End Day: Is End of Month (empty)
- Fiscal year end changes
- Table of Fiscal Year End changes:

Prior Fiscal Year End	
12/31/2010	
04/30/2009	
- CIK: (empty)
- EDGAR Series Identifier: (empty)

- a. A new **Fund** tab was added.
 - i. The tab contains all fund information that was not located on a tab in previous versions of FundSuiteArc.

- b. A new **Ancillary Fund Information** tab was added.

Fund Fund Information Ancillary Fund Information Fund Types Attributes Filin			
Code	Name	Text	
1	Benchmark	Some text up to 1028 characters	
2	Example 02	Some text up to 1028 characters	
3	Example 03	Some text up to 1028 characters	
4	Fund Accounting Policies	Some text up to 1028 characters	

- i. A grid is displayed on the tab.
- A. One row is displayed in the grid for each record that exists in the Ancillary Fund Information library.
 - B. The following columns display in the grid, from left-to-right:
 1. **Code**
 - a. Cells in the column are read-only.
 - b. Displays the **Code** value for the ancillary fund information record.
 2. **Name**
 - a. Cells in the column are read-only.
 - b. Displays the **Name** value for the ancillary fund information record.

3. **Text**
 - a. Cells in the column are editable.
 - b. Displays the user-specified text for the ancillary fund information record, in association with the currently-selected fund.
 - c. The cell is blank by default for a newly-created fund.
 - d. The maximum character length for the field is 1028.
4. The **Add/Edit Custom Data Point** dialogue (invoked via the **Custom Data Point Libraries** page) now includes a data point **Type** drop-down list selection of *Ancillary Fund Information*, with its associated settings.

Add/Edit Custom Data Point

Data Point

* Name: Auditor Text

* Type: Ancillary Fund Information

* Item: Auditor Text (4)

* Required

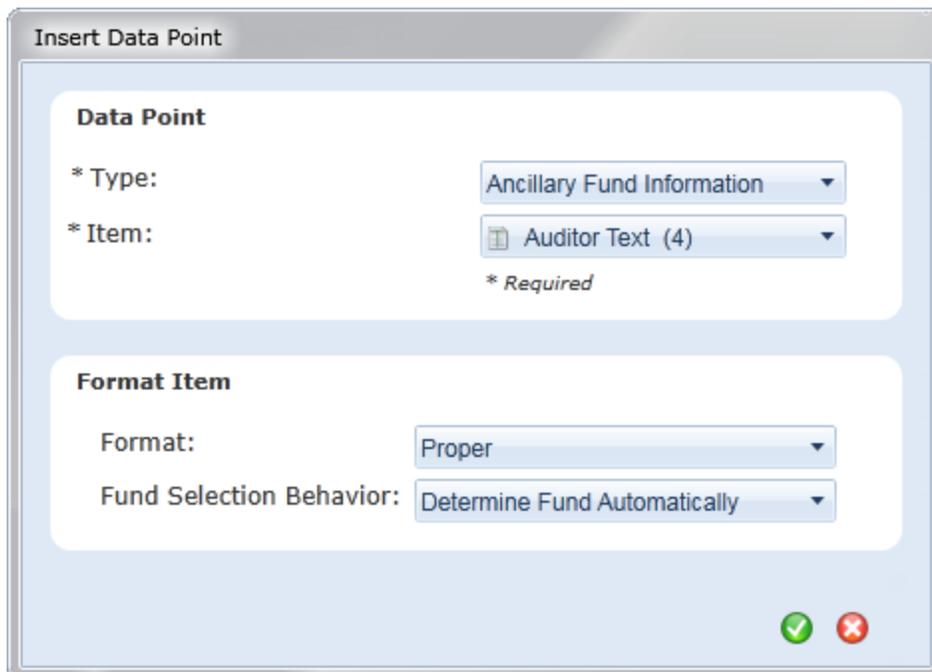
Format Item

Format: Proper

Fund Selection Behavior: Determine Fund Automatically

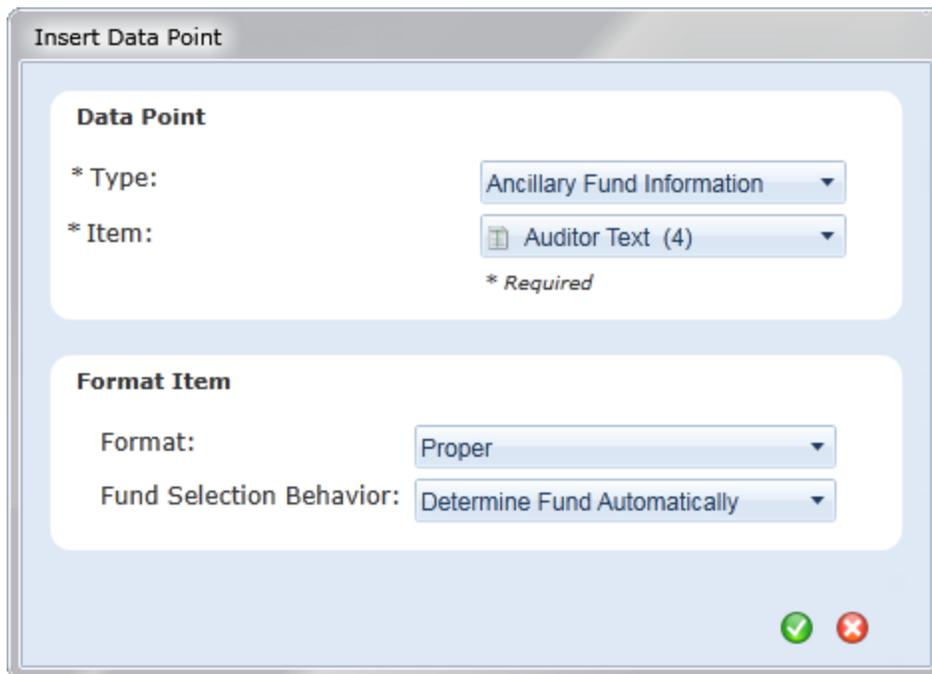
- a. Selections in the **Item** data point drop-down list display the ancillary fund information record **Name** value, appended with the corresponding **Code** value in parentheses (e.g., *Fund Accounting Policies (1)*, *Benchmark (2)*, etc.).
- b. A **Format** drop-down list is used to format the text of the evaluated data point as either *Proper* or *Uppercase*.

- c. Available options for the **Fund Selection Behavior** drop-down list are as follows:
 - i. *Determine Fund Automatically* (default selection)
 - ii. *Specify Fund*
 - A. A **Fund** drop-down list is displayed when *Specify Fund* is selected. The **Fund** drop-down list contains a list of fund names associated with the selected complex.
5. The **Insert Data Point** dialogue (invoked via the **Text Libraries**, **Footnote Libraries - General Ledger** or **Footnote Libraries - Holdings** page) now includes a data point **Type** drop-down list selection of *Ancillary Fund Information*, with its associated settings.



- a. Selections in the **Item** data point drop-down list display the ancillary fund information record **Name** value, appended with the corresponding **Code** value in parentheses (e.g., *Fund Accounting Policies (1)*, *Benchmark (2)*, etc.).
- b. A **Format** drop-down list is used to format the text of the evaluated data point as either *Proper* or *Uppercase*.

- c. Available options for the **Fund Selection Behavior** drop-down list are as follows:
 - i. *Determine Fund Automatically* (default selection)
 - ii. *Specify Fund*
 - A. A **Fund** drop-down list is displayed when *Specify Fund* is selected. The **Fund** drop-down list contains a list of fund names associated with the selected complex.
- 6. The **Insert Data Point** dialogue associated with the return value for formulas of type *Conditional Value* (invoked via the **Custom Data Point Libraries**, **Text Libraries**, **Footnote Libraries - General Ledger** or **Footnote Libraries - Holdings** page) now includes a data point **Type** drop-down list selection of *Ancillary Fund Information*, with its associated settings.



- a. Selections in the **Item** data point drop-down list display the ancillary fund information record **Name** value, appended with the corresponding **Code** value in parentheses (e.g., *Fund Accounting Policies (1)*, *Benchmark (2)*, etc.).
- b. A **Format** drop-down list is used to format the text of the evaluated data point as either *Proper* or *Uppercase*.

- c. Available options for the **Fund Selection Behavior** drop-down list are as follows:
 - i. *Determine Fund Automatically* (default selection)
 - ii. *Specify Fund*
 - A. A **Fund** drop-down list is displayed when Specify Fund is selected. The **Fund** drop-down list contains a list of fund names associated with the selected complex.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

4. Support for class-level supplemental data values, new data types and value rollforward

RRD ID: 50890

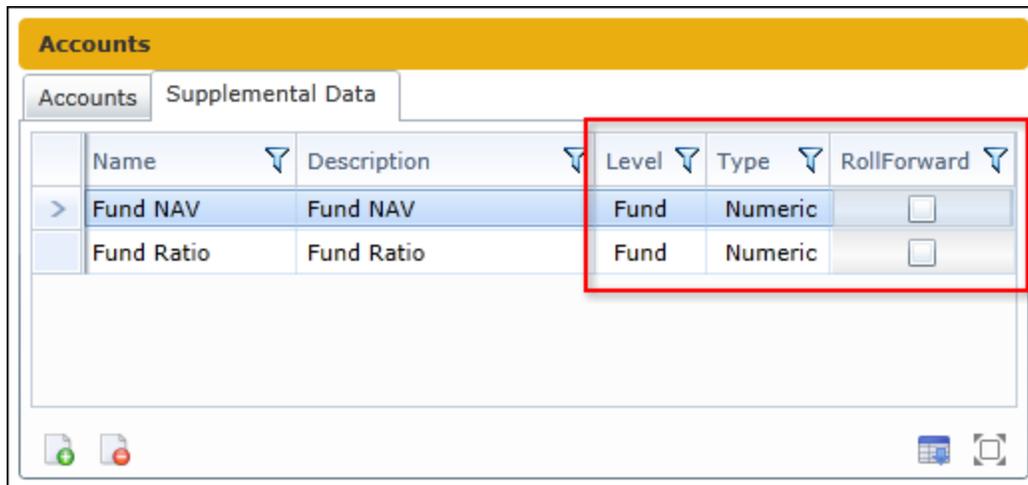
Overview

FundSuiteArc was enhanced to allow a user to set up class-level supplemental data points. The user can also define the fund- or class-level supplemental data point type as either text, date or numeric. Furthermore, a user can now enable a new **Rollforward** option for each supplemental data point, which will allow the data point to be rolled forward from period to period.

What's New

In previous versions of FundSuiteArc, supplemental data points were only set up at the fund level and did not roll forward from period to period. In version 2.3.0, a user can now set up a class-level supplemental data point and also specify that it roll forward from period to period. A user can also designate the type of the fund- or class-level supplemental data point as either text, date or numeric.

1. **Level**, **Type** and **Rollforward** columns were added to the **Supplemental Data** tab of the **Charts of Accounts** page.



a. **Level**

- i. This new column allows the user to define whether the data point is either *Fund* or *Class* level.
 - A. The *Fund* level is the default option.
 - B. The user must double-click the cell they wish to change to display the drop-down list.

Note:

If data is loaded to a data point in association with a given level, and a user subsequently attempts to change the data point's *Level* and clicks the *Save* button, the following confirmation message displays to notify the user of the effect of doing so:

You have changed the 'Level' setting for one or more supplemental data items. If data exists in the database in association with the item(s) for open account periods, that data will be erased for all financial workbooks that use this chart of accounts. Do you wish to proceed?

b. **Type**

- i. This new column allows the user to specify the type of data point.
- ii. The user must double-click the cell they wish to change in order to display the drop-down list.
- iii. The user can choose from the following options:
 - A. *Numeric* (default option)
 - 1. This type will have a numeric value.
 - 2. *Numeric*-type data points can be added to the following application areas:
 - a. **Financial Workbook Templates** page, *Calculation Sheets* tab
 - i. Added for calculation sheet items and conditional values.
 - b. **Text Libraries** page
 - i. A new *Base Class* drop-down list was added.
 - A. This allows the user to specify the class they would like to use for class-level data points.

A. Reasonability checks can also utilize text- and date-type supplemental data points.

B. *Date*

1. The value of this type will be a date.
2. *Date*-type data points can be added to the following application areas:
 - a. **Text Libraries** page
 - b. **Footnote Libraries - General Ledger** and **Footnote Libraries - Holdings** pages
 - c. **Custom Data Point Libraries** page
 - i. Available for either adding supplemental data points or conditional values.

C. *Text*

1. The value of this type will be text.
2. *Text*-type data points can be added to the following application areas:
 - a. **Text Libraries** page
 - b. **Footnote Libraries - General Ledger** and **Footnote Libraries - Holdings** pages
 - c. **Custom Data Point Libraries** page
 - i. Available for either adding supplemental data points or conditional values.

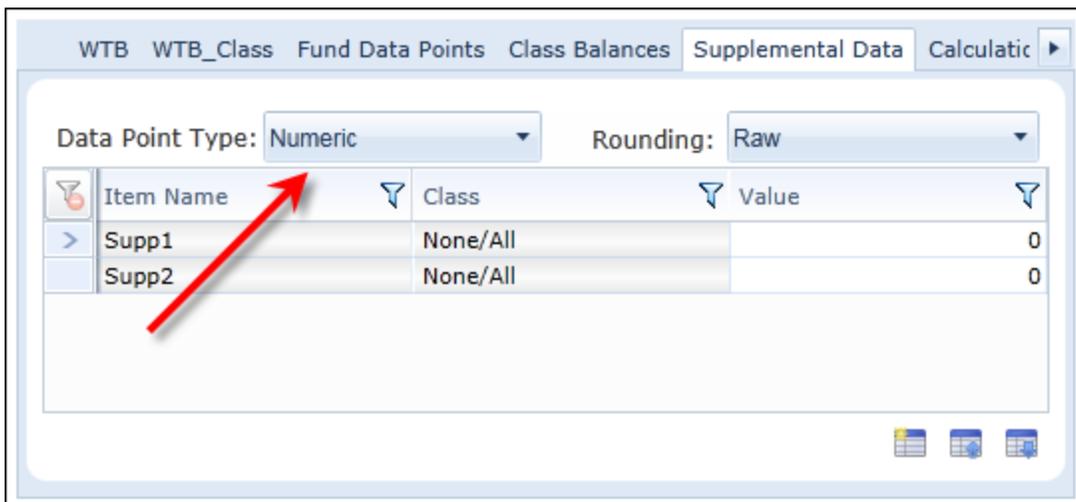
Note:

If a user adds a *Numeric*-type data point to one of the libraries, trial balance definition, or a calculation sheet and tries to change the type, the following notification message displays and the user is restricted from making the change until they remove the mapped data point:

The 'Type' setting cannot be changed for numeric data points that are in use.

c. **Rollforward**

- i. Users can select the check box in this column if they would like the data point represented by the grid row to roll forward from one period to the next.
 - A. The rollforward will take place when a balance set is created either through the initial load of the trial balance or when a blank balance set is added.
 - ii. By default, this option is not selected for any data point.
2. A new **Data Point Type** drop-down list was added at upper-left of the **Supplemental Data** tab on the **Financial Workbook** page to allow the user to filter by the different data point types.



3. A **Class** column was added to the grid on the **Supplemental Data** tab of the **Financial Workbook** page.

Item Name	Class	Value
Supp1	None/All	0
Supp2	None/All	0

- a. This new column will display either *None/All* for fund-level items, or display the class name for each class defined in the financial workbook template for class-level data points.
- One row will display in the grid per class.
4. The existing **Value** column in the grid on the **Supplemental Data** tab of the **Financial Workbook** page now allows a user to enter different values, dependent on the specified **Data Point Type** drop-down list selection.
- When *Numeric* is specified, the user can input numeric values into the column, as in previous versions of FundSuiteArc.
 - When *Date* is specified, the user can input date values into the column.
 - If a user tries to enter text, an error message will display.
 - The default date is *1/1/0001*.
 - When *Text* is specified, the user can input text values into the column.
 - The text string is limited to 1,000 characters.

5. A **ClassCode** column was added to the data source file structure for the Supplemental Data import.
 - a. This column must contain valid values if a user wants to load data at the class level.
 - b. The following error/warning logic was added to the Supplemental Data import:
 - i. **Load of class- and composite-level balances for a supplemental data item**
 - A. If records exist in the data source file which would attempt to load balances at both the class level and the composite (fund) level for any given account in a balance set, the following will occur:
 1. The class-level balances will be loaded.
 2. Any fund-level balances will be ignored.
 3. The following warning message will be logged:

WARNING: For supplemental data item '<SupplementalDataItem>', both fund-level and class-level data was provided in the source file. The class-level data was loaded and the fund-level data was ignored.
 - ii. **Record has a **ClassCode** value, but affected account is of **Level** type **Fund****
 - A. If a given balance record contains a **ClassCode** value, but the affected account has a type of **Fund**, the following will occur:
 1. The balance will be ignored. Other columns in that row may still be loaded, as they may be of type **Class**.
 2. The following error message will be logged for the record:

ERROR: A class code '<ClassCode>' was specified for this balance, but the affected account is of type 'Fund'.
 - iii. **Record has no **ClassCode** value, but affected account is of **Level** type **Class****
 - A. If a given balance record does not contain a **ClassCode** value, but the affected account has a type of **Class**, the following will occur:
 1. The balance will be ignored for this column (supplemental data item). Other columns' values may still be loaded if they are of type **Fund**.

2. The following error message will be logged for the column (supplemental data item):

ERROR: A class code '<ClassCode>' was not specified for this balance, but the affected account is of type 'Class'.

iv. **Optional (non-required) column with invalid data for a given row**

- A. If invalid data is contained in a valid, non-required column of the data source file for any given row, the following will occur:

1. Valid data from all other valid columns will be loaded for the row.
2. The invalid data will be loaded as <blank> or as the default value for the column, dependent on the data type.

a. *Date*

- i. Valid date formats are as follows:

- A. *MM/DD/YYYY*
- B. *MM-DD-YYYY*
- C. *MM.DD.YYYY*
- D. *MMDDYYYY*

- ii. A date is invalid when any of the following conditions exist:

- A. Non-numeric characters are contained in the value, other than the following.
- B. hyphen (-)
- C. forward slash (/)
- D. period (.)
- E. The month (MM) value is greater than 12.
- F. The day (DD) value is greater than the last day of that month

and year.

iii. Invalid dates will be loaded as *<blank>*.

b. *Numeric*

i. A numeric value is invalid when any of the following conditions exist:

A. Non-numeric characters are contained in the value, other than the period (.)

ii. Invalid numeric values will be loaded as *<blank>*.

c. *Text*

i. There are no invalid text string values.

3. The following warning message will be logged:

WARNING: Row: <RowNumber> - Column: '<ColumnName>' contained an invalid value. A blank or default value was loaded for the column.

6. The **Beginning Balance** and **Ending Balance** columns in the results grid of the **Supplemental Data Audit Report** page were renamed to **Before** and **After**, respectively.

Additional Information

The following items were not updated to support class-level supplemental data functionality in version 2.3.0, but will be updated accordingly in the version 2.4.0 product release:

■ Supplemental Data Export

- The export file generated via the **Export data** button at lower-right of the **Supplemental Data** tab of the **Financial Workbook** page does not contain all the classes for each class-level data point created.
 - When the user exports the file, one column is displayed for each class-level data point and the value displayed is the first class that appears in the **Supplemental Data** tab.
 - This applies to numeric, text, and date class-level supplemental data points.

- Financial Workbook Export
 - While the **Supplemental Data** worksheet in the XLS export file generated via the **Export financial workbook** button at lower-right of the **Financial Workbook** page does list each class-level data point, it does not contain the class code for each item. Therefore, the user cannot determine which line item belongs to each class.
 - If a user adds a class-level supplemental data point to the working trial balance, the class-level items do not display on the **None/All** trial balance worksheet nor on each classes' respective trial balance worksheets of the XLS export file generated via the **Export financial workbook** button at lower-right of the **Financial Workbook** page.
- Supplemental Data Audit Report
 - The results grid on the **Supplemental Data Point Audit Report** page and the associated export file do not contain a **Class Code** column and therefore the user cannot determine the specific class to which class-level changes relate.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

5. Ability to define and reference cell styles

RRD ID: 51050

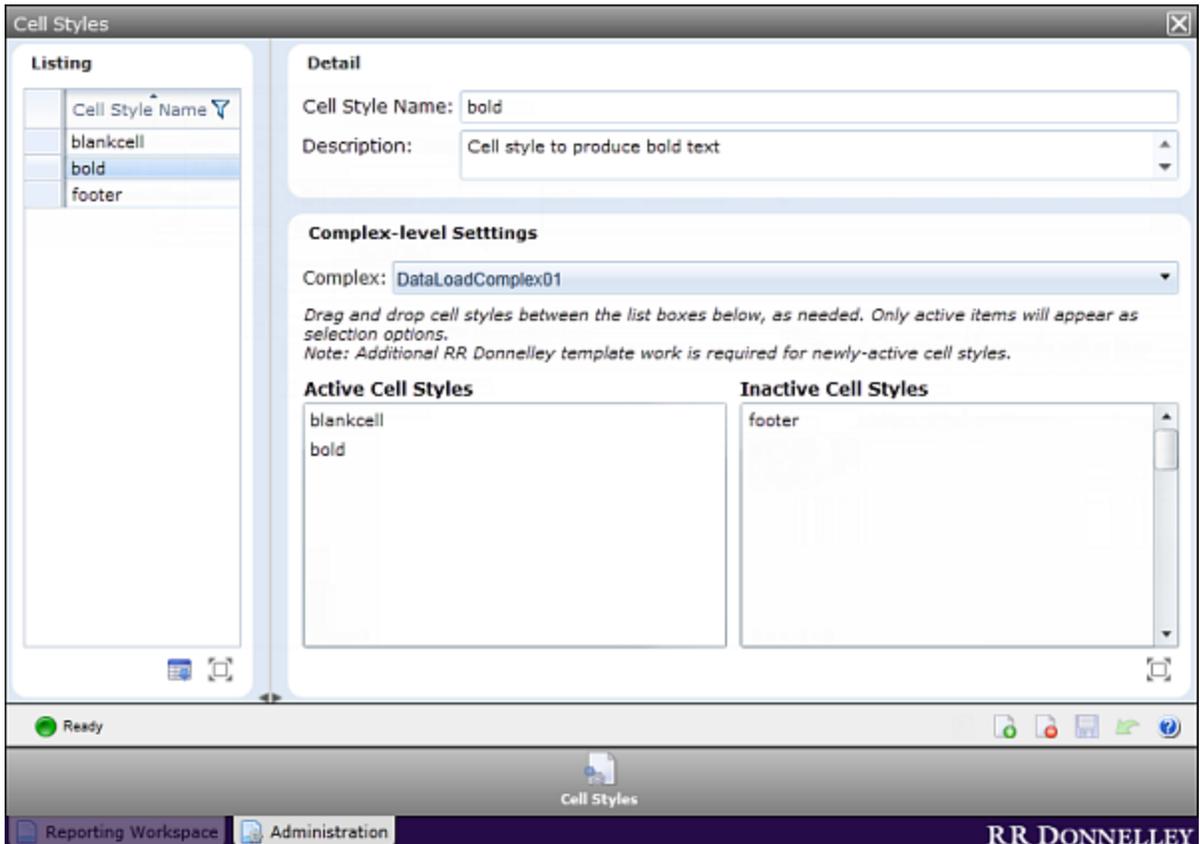
Overview

A Cell Styles library was added to allow users with appropriate rights to add, edit, delete and control which styles are displayed for a given complex within the **Cell Style** drop-down lists accessed via the **Output Settings** pages for portfolio, financial and tabular data templates.

What's New

1. Two new user rights were added to the **Roles** page in the **Platform Administration** area.
 - a. *Open Cell Styles Page*
 - i. A user assigned this right can open the new **Cell Styles** page (described below), but not make any changes to settings thereon.
 - b. *Add/Edit/Delete Cell Styles*
 - i. A user assigned this right can add, edit and delete records on the new **Cell Styles** page (described below).

2. A *Cell Styles* item was added under the **Libraries** menu section on the *Administration* tab of the ArcReporting product. When the *Cell Styles* menu item is clicked, the **Cell Styles** page displays.



- a. The left side of the page displays an alphabetical listing of all cell styles and corresponding descriptions currently available.

Note:

When updating to version 2.3.0, all previously-existing cell styles will be migrated to the Cell Styles library.

- b. Selecting a cell style from the *Listing* grid at left will display its name and description in the *Detail* section at upper-right of the page.

- c. A **Complex-level Settings** section displays at lower-right of the page.
- i. The **Complex** drop-down list contains the names of all complexes to which the current user has access.
 - ii. The **Active Cell Styles** list box displays all cell styles that are considered "active" for the selected complex, and that will therefore display in the **Cell Style** drop-down lists used to define output settings for portfolio, financial and tabular data templates in association with the complex (discussed further below).
 - A. Users can drag-and-drop cell styles from the **Inactive Cell Styles** list box to the **Active Cell Styles** list box to designate them as active for the complex.

Note:

If an applied cell style is moved from the **Active Cell Styles** list box to the **Inactive Cell Styles** list box, the style will continue to display where applied within the **Output Settings** page(s). However, if a user edits the **Cell Style** setting for the cell(s) in which the now inactive style had been applied, the cell style will not display as an available selection; the user must change the applied style.

- iii. The **Inactive Cell Styles** list box displays all cell styles from the Listing table which are not already considered active for the selected complex (*i.e.*, not already in the **Active Cell Styles** list box).

Note:

When updating to version 2.3.0, only those cell styles which are applied in at least one of the **Output Settings** pages (*i.e.*, for portfolio, financial or tabular data templates) for the specified complex at the time of the update will display in the **Active Cell Styles** list box in association with that complex.

- d. To add a new cell style to the library, a user with appropriate rights clicks the **Add new record** button () at lower-right of the page.
- i. The user specifies a **Cell Style Name** and **Description** (optional) in the corresponding fields of the **Details** section, and then clicks the **Save** button () at lower-right of the page.
 - A. The newly-added cell style will display in the **Listing** grid at left of the page and the **Inactive Cell Styles** list box, in association with each complex.

Note:

- Cell style names must be all lowercase letters.
- Cell style names are not case-sensitive and must be unique.

- e. To edit an existing cell style, a user with appropriate rights selects the style name from the **Listing** grid at left of the page, and then updates the **Cell Style Name** and/or **Description** fields of the **Details** section.

Note:

- Cell style names must be all lowercase letters.
- Cell style names are not case-sensitive and must be unique.

- i. If an updated **Cell Style Name** is currently applied within any of the **Output Settings** pages (*i.e.*, for portfolio, financial or tabular data templates), the style name display will be updated in the **Output Settings** page(s) upon save of the change.

Note:

Changes to applied cell style names can result in changes to output; style templates must be maintained to accommodate changes to cell styles.

- f. To delete a cell style from the library, a user with appropriate rights selects the style to be removed in the **Listing** grid, and then clicks the **Remove current record** button (🗑️) at lower-right of the page.
- Only styles that are inactive for all complexes in the current environment may be removed. If the cell style is active for one or more complexes, a warning message to that effect will display on attempt to remove it.
 - If an applied cell style is deleted from the library, the style will continue to display where applied within the **Output Settings** page(s). However, if a user edits the **Cell Style** setting for the cell (s) in which the now removed style had been applied, the cell style will not display as an available selection; the user must change the applied style.
3. Selections in the existing **Cell Style** drop-down list on the **Format Cell**, **Format Column** and **Format Row** dialogues (each accessed via the **Portfolio Statement Template Output Settings**, **Financial Statement Template Output Settings** or **Tabular Data Template Output Settings** page) are now filtered to display only those cell styles designated as "active" for the current complex.

Process Changes

Prior to this update the list of cell styles was standard across all ArcReporting databases. With this change the cell style list can now be customized per database and must be maintained. After database update, if an existing style that was not in use is needed, the user must make it active in the Cell Styles library. This change will probably result in a reduction in the number of cell styles available in the template **Output Settings** page post database update to version 2.3.0.



[Demonstration video](#)

6. Ability to edit underlying holdings values from within a calculation sheet

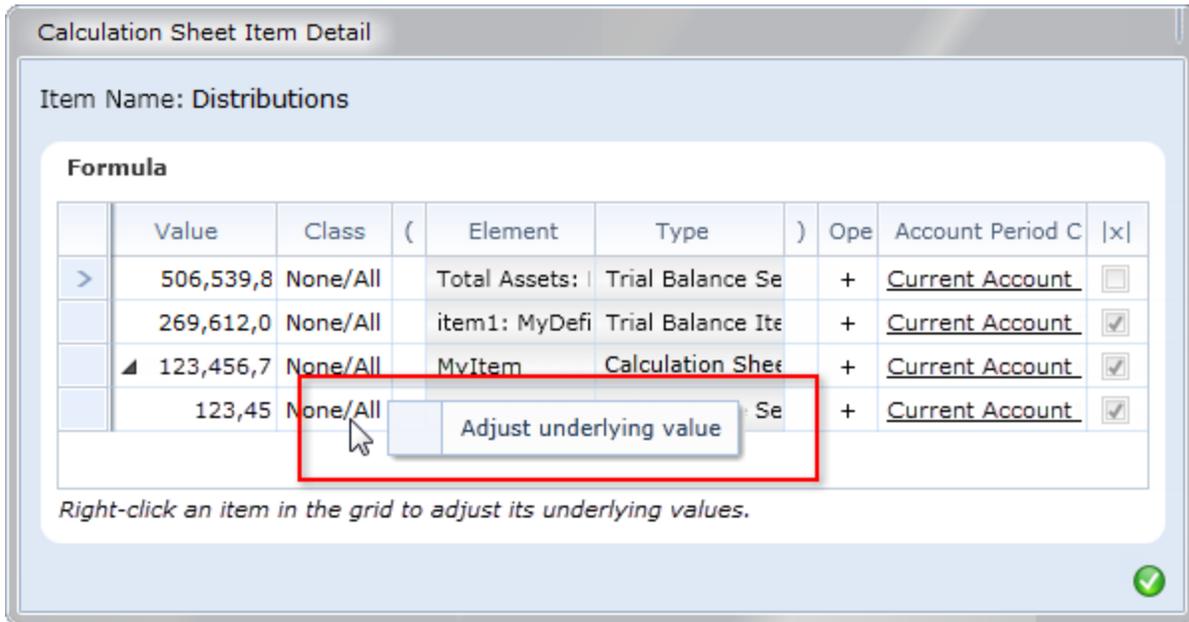
RRD ID: 52633

Overview

Users can now right-click calculation sheet items of various *Holdings* types in the **Calculation Sheet Item Detail** dialogue and be taken to the **Fund Holdings** page to review or make edits to the underlying values.

What's New

An *Adjust underlying value* right-click context menu option was added to the **Calculation Sheet Item Detail** dialogue (invoked via the **Calculation Sheets** tab of the **Financial Workbook** page) for calculation sheet items of types *Holdings Category*, *Holdings Category Maturity Range*, *Holdings Category Subtotal* and *Holdings Detail*.



Calculation Sheet Item Detail

Item Name: Distributions

Formula

	Value	Class	(Element	Type)	Ope	Account Period C	x
>	506,539,8	None/All		Total Assets:	Trial Balance Se		+	<u>Current Account</u>	<input type="checkbox"/>
	269,612,0	None/All		item1: MyDefi	Trial Balance It		+	<u>Current Account</u>	<input checked="" type="checkbox"/>
▲	123,456,7	None/All		MvItem	Calculation Shee		+	<u>Current Account</u>	<input checked="" type="checkbox"/>
	123,45	None/All			Se		+	<u>Current Account</u>	<input checked="" type="checkbox"/>

Right-click an item in the grid to adjust its underlying values.

1. When the user selects the new option, they are taken to the **Fund Holdings** page to make adjustments.
 - a. The **Fund Holdings** page will display the same account period, balance type, and fund already selected in the Financial Workbook.
 - b. If a user has implemented grid "view" functionality, the last-selected view of the Fund Holdings results grid will be used to display the data.
 - i. If no grid view had been previously specified, the "default" view of the **Fund Holdings** page will be used to display the data.
 - c. The grid contents will be automatically filtered to display only the mapped items in the calculation sheet.

Example:

If a user has selected the market value for all securities that have a GCIS Sector of *Banks*, the grid contents of **Fund Holdings** page will be filtered by only the securities that have a GCIS Sector of *Banks* when they click the *Adjust underlying value* context menu item.

- d. If the **Fund Holdings** page is already open and in a modified state at the time the user clicks the *Adjust underlying value* menu item, they will be prompted to save/revert changes before viewing the page with the target information.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

7. Display of holdings subtotal values on Fund Holdings page

RRD ID: 52639

Overview

The grid on the **Holdings** tab of the **Fund Holdings** page was enhanced to allow numeric fields to be subtotaled by group.

What's New

1. A **Calc** column was added to the existing **Edit Columns in View** dialogue, through which users can specify one or more numeric-type columns whose values they wish to subtotal.

Edit View

View Name:

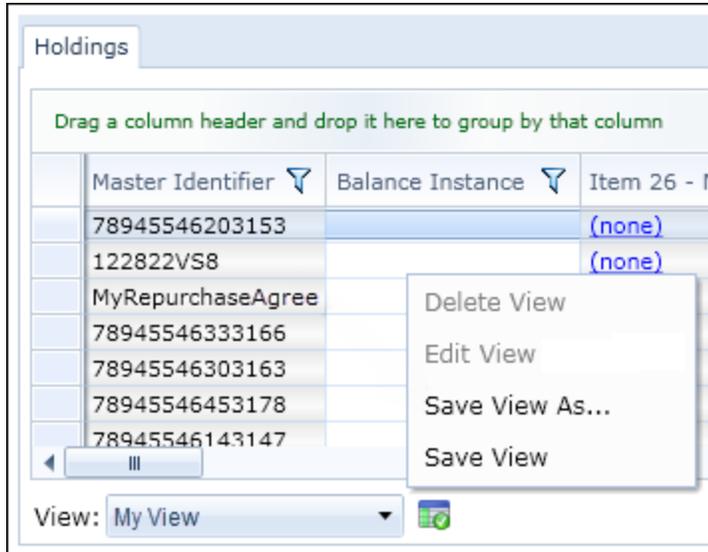
Select the columns you would like to see.

	Visible	Calc	Field
>	<input checked="" type="checkbox"/>		Master Identifier
	<input checked="" type="checkbox"/>		Balance Instance
	<input checked="" type="checkbox"/>		CUSIP
	<input checked="" type="checkbox"/>		SEDOL
	<input checked="" type="checkbox"/>		Investment Type
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bought
	<input checked="" type="checkbox"/>		Caption
	<input type="checkbox"/>	<input type="checkbox"/>	Currency Bought - Base
	<input type="checkbox"/>	<input type="checkbox"/>	Currency Bought - Local
	<input type="checkbox"/>	<input type="checkbox"/>	Currency Sold - Base
	<input type="checkbox"/>	<input type="checkbox"/>	Currency Sold - Local
	<input type="checkbox"/>		Days To Maturity
	<input type="checkbox"/>		DBRS Credit Rating
	<input type="checkbox"/>		Demand Feature Issuer(s) - List

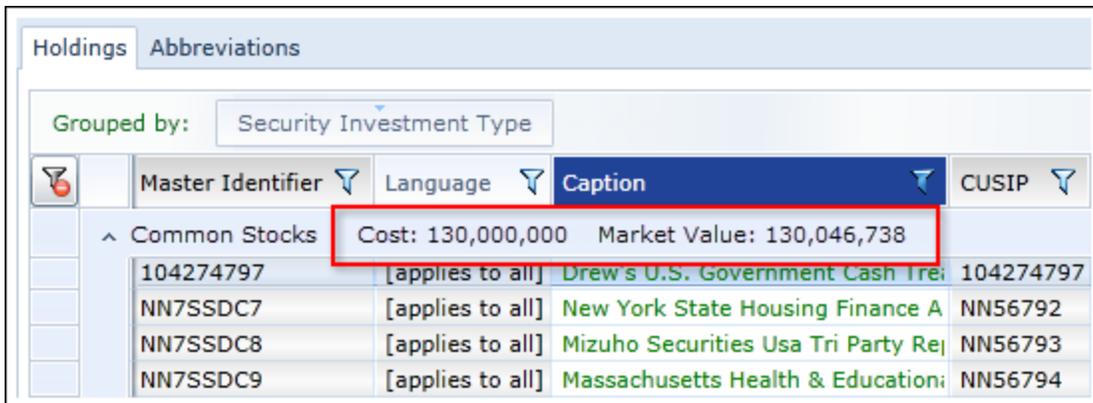
[Select all](#) [Clear all](#)




- a. All numeric-type fields on the **Fund Holdings** page (approximately 40+) are available for subtotaling.
- b. Since the new subtotaling feature is integrated with existing grid "view" functionality, specified grid grouping, visible column(s) and calculated numeric field(s) can be saved as a user- or group-level custom view for future use via the *Save View* or *Save View As...* commands.



2. Subtotal values associated with user-specified *Calc* fields now display on each horizontal group bar in the grid on the *Holdings* tab of the **Fund Holdings** page, when the grid is grouped by any given column.



Note:

- Subtotal values represent the sum of only those records currently displayed in the results grid.

- If a user exports the grid contents via the **Export data** button () , the subtotal values of the specified **Calc** field(s) will display in the export file, even if the grid in the application interface is not grouped by any columns.

Note:

Subtotaling functionality is available only on the **Fund Holdings** page in the ArcReporting product; it is not available on the **Fund Holdings - Classic** page.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

8. Ability to use funds on spreads as a condition for advanced suppression

RRD ID: 52643

Overview

In previous versions of FundSuiteArc, if a user set up **Advanced Suppression** on a given financial statement template line item that was part of a spread via the **Financial Statement Template Output Settings** page, the suppression would only be based on the first fund in the spread. In version 2.3.0, a user can now define how the suppression logic will be applied across the funds on a spread.

What's New

An **Apply To** drop-down list was added to the existing **Advanced Suppression** dialogue (invoked via the **Advanced Suppression** link on the **Suppression** tab of the **Financial Statement Template Output Settings** page).

Advanced Suppression

Formula

* Name:

Apply To:

* Required

	Element	Type	Return Type	Result
>	Cash less than \$1,000	Conditional Value	True	Line item will be suppressed





If no conditions are met the line item will not be suppressed.

1. The drop-down list contains the following selections, which determine how the suppression will be applied across the funds in the spread:
 - a. *All funds on each spread* (default selection)
 - i. Suppression applies only when *all* funds on *each* spread meet the formula criteria.
 - b. *All funds on all spreads*
 - i. Suppression applies only when *all* funds on *all* spreads meet the formula criteria.
 - c. *Any fund on all spreads*
 - i. Suppression only applies when *any* fund on *all* spreads meets the formula criteria.
 - d. *Any fund on each spread*
 - i. Suppression only applies when *any* fund on *each* spread meets the formula criteria.

e. *First fund on spread*

- i. Suppression applies to only the *first* fund in the spread.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

9. Portfolio statement template formula enhancement to display Fair Value levels

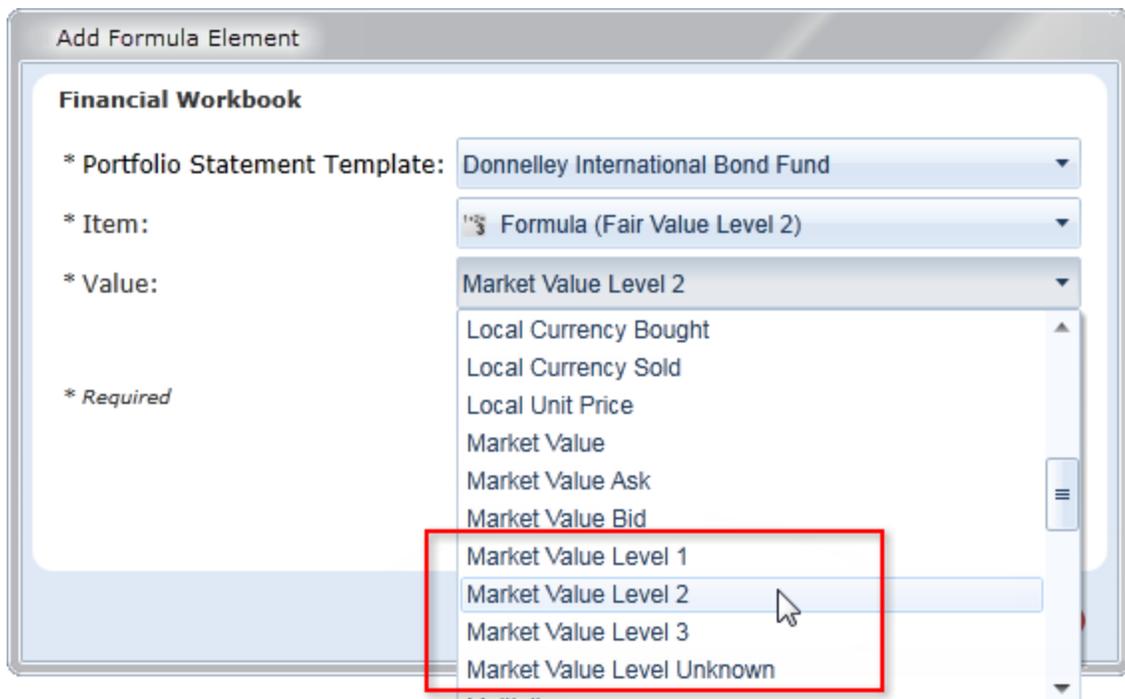
RRD ID: 52651

Overview

Portfolio statement template formulas can now display *Fair Value* market value levels 1, 2, 3, and unknown. Each value can be displayed in project preview and output on a formula line type. These values can also be referenced within financial workbook template calculations sheets.

What's New

1. *Market Value Level 1*, *Market Value Level 2*, *Market Value Level 3* and *Market Value Level Unknown* selections were added to the *Value* drop-down list on the **Add Formula Element** pop-up dialogue for calculation sheet items of type *Portfolio Statement Definition*.



Note:

The **Add Formula Element** dialogue is invoked by clicking the **Add formula element** button (📄) at lower-left of the **Formula** grid on the **Add/Edit Calculation Sheet Item** dialogue, which in turn is accessed via the **Calculation Sheets** tab of the **Financial Workbook Templates** page.

2. **Market Value Level 1, Market Value Level 2, Market Value Level 3** and **Market Value Level Unknown** data points are now available for mapping to portfolio statement template items of type **Formula** via the **Data Points** tab of the **Portfolio Statement Template Output Settings** page.

Settings for: Donnelley International Bond Fund

Item Name: Formula Item Type: Formula

Column Mapping

Column 1	Column 2	Column 3	Column
Fair Value Level 1 Formula	<Market Value Level 1>		

[Delete Mappings](#) [Apply To](#)

Move items by dragging and dropping them within a cell or across cells

Data Points | Literals | Format Items | Suppression

Add items to the mapping grid by dragging them from the list box below.

Type: Security ▼

- Caption
- Cost
- Coupon Rate
- Fair Value
- Market Value
- Market Value Level 1
- Market Value Level 2
- Market Value Level 3
- Market Value Level Unknown
- Percent of Net Assets

Additional Information

The **Fair Value** column must be added to the grid on the **Calculations** sub-tab of the **Portfolio Statement Templates** page for **Market Value Level 1**, **Market Value Level 2**, **Market Value Level 3** or **Market Value Level Unknown** values to be calculated and displayed on the **Financial Workbook** page, the **Components** tab of the **Project** page and in project output.

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

10. Support for multiple conditional elements in "Conditional Value" calculation sheet item formulas

RRD ID: 52652

Overview

Users can now map one or more conditional values within a calculation sheet item to create complex formulae within the financial workbook.

What's New

- The **Formula** section of the **Add/Edit Calculation Sheet Item** dialogue (invoked via the **Calculation Sheets** tab of the **Financial Workbook Templates** page) was updated in the following respects for calculation sheet items of type *Conditional Value*:

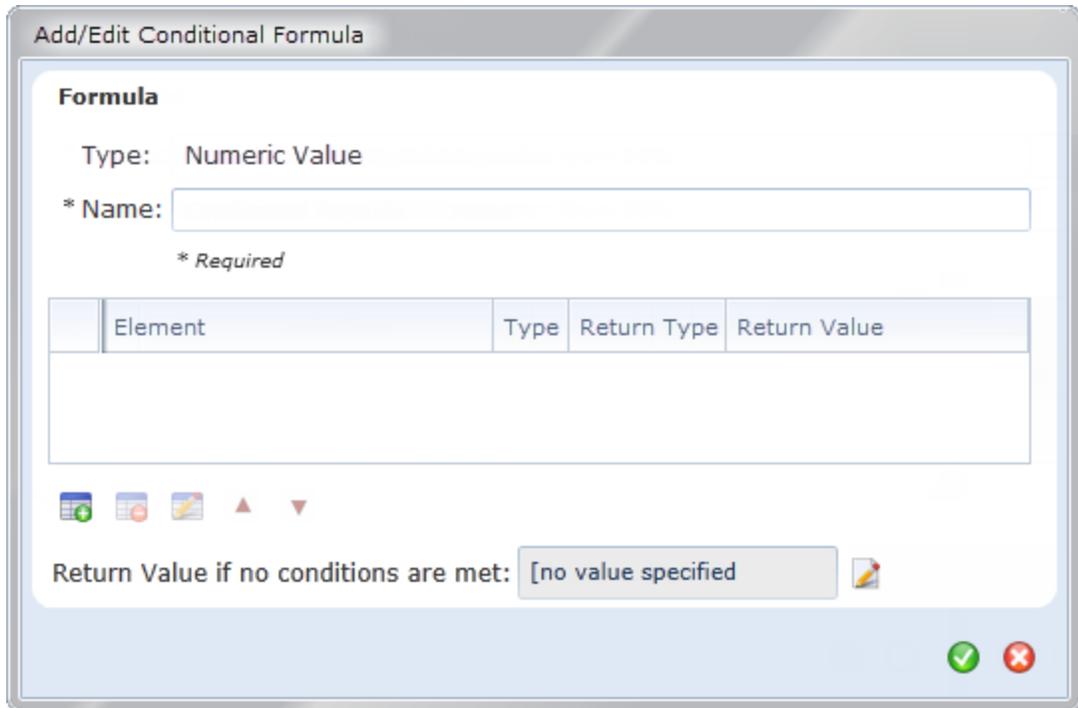
Formula					
	(Element	Type) x	Operator
>		Conditional Value 1	Conditional Formula	<input type="checkbox"/>	+
		Conditional Value 2	Conditional Formula	<input checked="" type="checkbox"/>	+







- a. Users can now add multiple conditional formula elements to the grid.
- b. Clicking the existing **Add formula element** button (📄) at lower-left of the grid now causes the **Add/Edit Conditional Formula** pop-up dialogue to display, in *Numeric Value* mode.



Note:

Users will now set the false return type on each individual formula element; not at the calculation sheet item level.

- c. The existing **Element** column of the grid now displays the **Name** value specified for the element via the **Add/Edit Conditional Formula** pop-up dialogue.
- d. The existing **Type** column of the grid now displays the term *Conditional Formula* for all grid items.
- e. An **Operator** column was added to the grid, which displays the operator for use in associating any given element with other elements in the formula.
 - i. Cells in this column of the grid contain drop-down list controls to allow the selection of any of the following values:

- A. +
 - B. -
 - C. /
 - D. *
- f. The **Return Type** and **Return Value** columns were removed from the grid (these now display in the grid of the **Add/Edit Conditional Formula** pop-up dialogue in association with each formula element).
 - g. The **Return Value if no conditions are met** text box and associated selection button were removed from beneath the grid (these now display in the grid of the **Add/Edit Conditional Formula** pop-up dialogue in association with each formula element).
2. The Calculation Sheet Account Mapping Audit Report was updated with an additional level, showing the **Name** value specified for each calculation sheet conditional formula element within the existing **Item Name** column.
 3. The Calculation Sheet Template Audit Report was updated to show the addition of the **Name** value specified for each calculation sheet conditional formula element for conditional value items.
 4. The Financial Statement Mapping Audit Report was updated with an additional level, showing the **Name** value specified for each calculation sheet conditional formula element within the existing **Item Origin** column.
 5. The Financial Workbook Export was updated to show each conditional return value within the formula element.
 6. Conditional formulas can be copied via drag-and-drop between calculation sheets or by copying the full calculation sheet within the same financial workbook.

Note:

Conditional formulas that are copied between two different financial workbooks, or those that are copied as part of a financial workbook import/copy, will be seen in red within the formula element; this indicates that the link has been broken and the user must recreate it.

Process Changes

With this new functionality, users can now include calculation sheet items of a different type (e.g., base a conditional class calculation on the value of a currency calculation sheet item) within the conditional formula elements. Users should review their existing setup to see in they would like to avail themselves of the following behavioral changes:

- Currency-type calculation sheets
 - Users can now specify items from class-level calculation sheets via the newly-available **If** drop-down list selections on the **Add/Edit Conditional Formula Element** dialogue. The conditional formula will evaluate based on the **None/all** value of the class-level calculation sheet item, for each currency on the calculation sheet.
 - Users can now return values from class-level calculation sheets via the newly-available **Value to Return** settings. The **None/All** value of the class-level calculation sheet will be returned for each currency in which the return condition has been met.
- Class-type calculation sheets
 - Users can now specify items from currency-level calculation sheets via the newly-available **If** drop-down list selections on the **Add/Edit Conditional Formula Element** dialogue. The conditional formula will evaluate based on the **None/all** value of the currency-level calculation sheet item, for each class on the calculation sheet.
 - Users can now return values from currency-level calculation sheets via the newly-available **Value to Return** settings. The **None/All** value of the currency-level calculation sheet will be returned for each class in which the return condition has been met.



[Demonstration video](#)

11. Ability to expand/collapse all tree view nodes on Financial Workbook page tabs

RRD ID: 52661

Overview

Users can now more efficiently expand and collapse items in the tree view structures of the **Calculation Sheets** tab and working trial balances tab(s) of the **Financial Workbook** page through corresponding buttons added to those tabs. Users can also filter items with a balance of zero from the grid display on working trial balance tabs via a new **Exclude zero-balance items** check box option.

What's New

1. An **Expand selected node and all child nodes** button (⊕) was added at lower-left of the working trial balance tab(s) on the **Financial Workbook** page.
 - a. Clicking the button causes the selected node of the grid tree view and all child nodes therein (down to the account level) to expand, displaying the contents thereof.

Note:

Class and/or currency nodes beneath any given account will not be initially expanded.

2. A **Collapse all** button (⊖) was added at lower-left of the working trial balance tab(s) of the **Financial Workbook** page.
 - a. Clicking the button causes all nodes of the grid tree view to collapse, hiding the contents thereof.
3. An **Expand all** button (⊕) was added at lower-left of the **Calculation Sheets** tab on the **Financial Workbook** page.
 - a. Clicking the button causes all nodes of the grid tree view to expand, displaying the contents thereof.
4. A **Collapse all** button (⊖) was added at lower-left of the **Calculation Sheets** tab on the **Financial Workbook** page.
 - a. Clicking the button causes all nodes of the grid tree view to collapse, hiding the contents thereof.

5. An **Exclude zero-balance items** check box was added at lower-left of the working trial balance tab(s) on the **Financial Workbook** page.
 - a. The check box is cleared by default when the tab is initially clicked/opened.
 - b. Selecting the check box suppresses/hides all detail rows that have **Beginning Balance**, **Cumulative Debit**, **Cumulative Credit** and **Ending Balance** values of **0.00**.
 - c. The check box state (*i.e.*, selected or cleared) is retained as long as the page is open, even if the user navigates to other tabs on the page or to other application pages.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

12. Ability to determine value type for pivoted table line item suppression

RRD ID: 52664

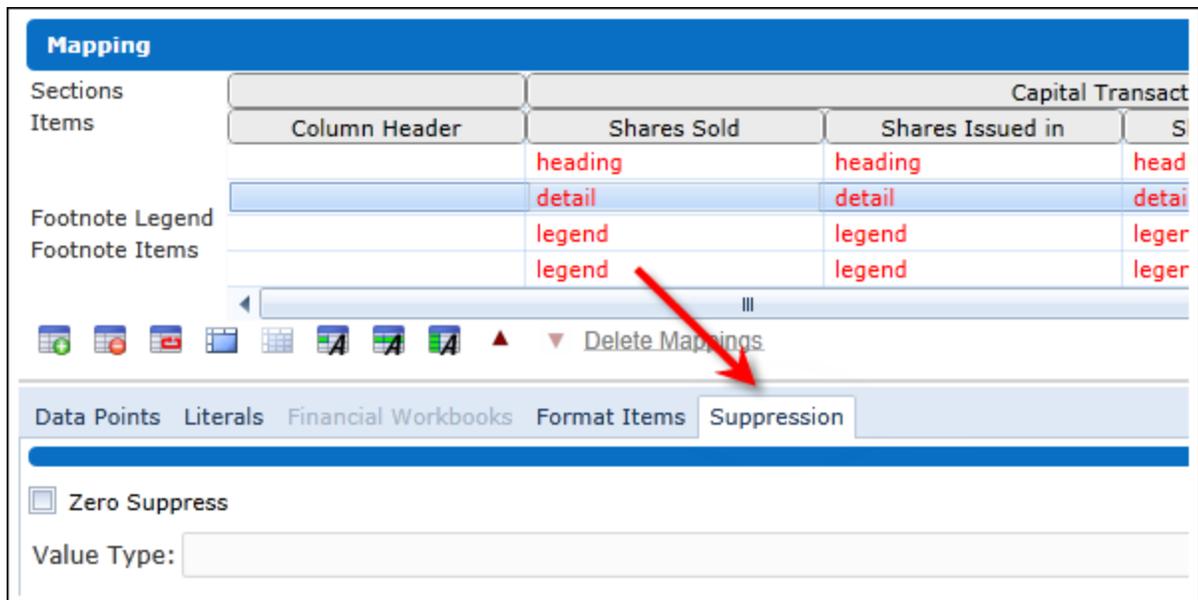
Overview

FundSuiteArc was enhanced to allow users to enable the zero suppression logic on a column for a pivoted financial statement.

What's New

In previous versions of FundSuiteArc, users could not enable the zero suppression logic on columns for pivoted financial statements. In version 2.3.0, users have the ability to enable this functionality.

1. When a user is defining the output settings for a pivoted financial statement, the **Suppression** tab of the **Financial Statement Template Output Settings** page is now enabled by clicking a cell in a column.



The screenshot shows the 'Mapping' interface for a pivoted financial statement. The top section is a table with columns for 'Column Header', 'Shares Sold', 'Shares Issued in', and 'S'. The rows are categorized into 'Sections', 'Items', 'Footnote Legend', and 'Footnote Items'. The 'Suppression' tab is highlighted in the bottom navigation bar, and a red arrow points to it from the 'Shares Sold' column cell.

Sections	Column Header	Shares Sold	Shares Issued in	S
Items		heading	heading	head
		detail	detail	detai
Footnote Legend		legend	legend	leger
Footnote Items		legend	legend	leger

Navigation tabs: Data Points, Literals, Financial Workbooks, Format Items, **Suppression**

Zero Suppress

Value Type:

Note:

Footnote legends are excluded from the suppression logic (the **Suppression** tab is disabled when a user

clicks a cell in the row containing the legend).

- a. When the user selects the **Zero Suppress** check box option, the **Value Type** drop-down list is enabled.
 - i. The user has the ability to choose the basis for the suppression logic from the following options:
 - A. *Raw*
 - B. *Rounded*
 - C. *Footed*
 - ii. The following logic pertains to suppression for pivoted-orientation templates:
 - A. Suppression logic looks at the repeat groups in the pivoted statement to determine if at least one value is not equal to zero for the fund(s), period(s) and/or class(es) being output. The suppression settings look at the values that will be displayed on output when zero suppressing.
 - B. If a column is part of span and is suppressed, the column is removed from the span.
 1. If the column suppressed is the first in the span or last in the span, the span starts with the next column and finishes with the previous column, respectively.
 - C. Footnotes assigned to values in columns that are suppressed are also removed from output.
 1. The remaining footnotes are then auto-sequenced to account for the removal of the suppressed footnote(s).
 - D. If the first column in a section is suppressed and the section header caption is in a merged cell, but other columns remain, the section header caption is moved to the next available column.
 - E. If all the columns in a section are suppressed, the entire section (including section header caption and section total, if any) is suppressed.

Note:

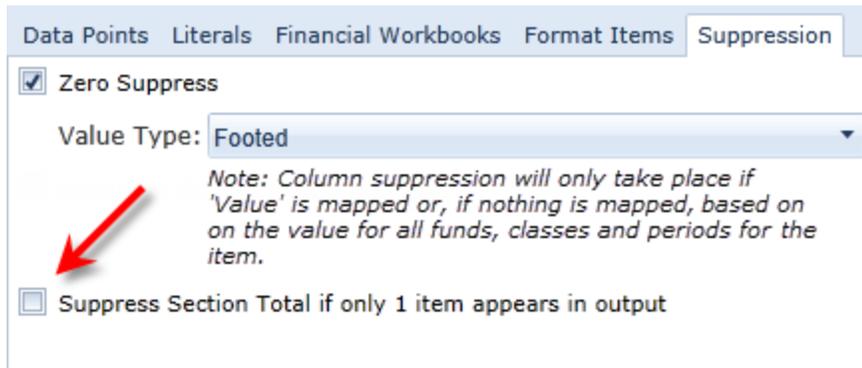
This only happens if all the items in the section have zero suppression enabled, and

regardless of whether zero suppression is enabled on the total column.

- The following Informational text was added to the **Suppression** tab of the **Financial Statement Template Output Settings** page, for pivoted-orientation statements, to alert the user how the zero suppression logic will work depending on the output settings:

Note: Column suppression will only take place if 'Value' is mapped or, if nothing is mapped, based on the value for all funds, classes and periods for the items.

- A new **Suppress Section Total if only 1 item appears in output** check box option was added to the **Suppression** tab of the **Financial Statement Template Output Settings** page, for pivoted-orientation statements, for use with columns of type **Section Total**.



- When the check box is selected, the **Section Total** column will be suppressed if only one item displays in output.

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

13. Support for editing of closed period financial workbook balances

RRD ID: 52665

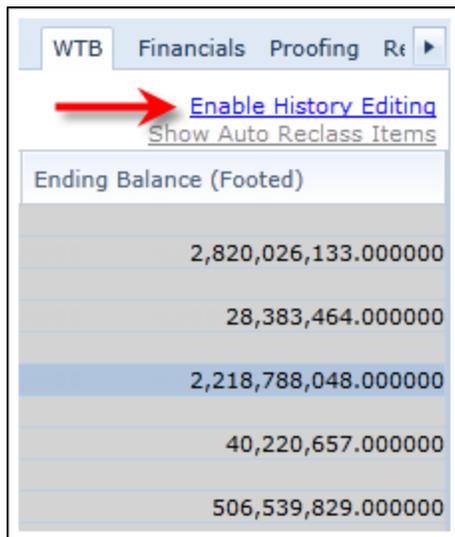
Overview

FundSuiteArc was enhanced to allow a user to edit values for trial balance and calculation sheet items in closed account periods.

What's New

Users can now edit values for trial balance and calculation sheet items in closed account periods in the financial workbook.

1. An **Enable History Editing** link was added at upper-right of the working trial balance tab(s) of the **Financial Workbook** page.



Note:

The link is enabled only when a fund for a closed period is selected, and if the current user is assigned the existing *Edit Closed Period Financial Balances* user right.

- a. When a fund for a closed period is selected on the tab, the data grid is now shaded in gray (i.e., disabled).

Trial Balance					
Trial Balance Memo		Fund Data Points		Class Balances	
Supplemental Data		Calculations			
Class: <None/All>		Rounding: Primary - No Decimal			
Name	Beginning Balance	Cumulative De	Cumulative	Ending Balance (Raw)	
Assets					
Σ Total Assets	2,820,026,122.000	3,805.000000	71.000000	2,820,026,133.000000	
Liabilities					
Σ Total Liabili	28,383,454.000	0.000000	10.000000	28,383,464.000000	
Equity					
Σ Total Equity	2,218,788,049.000	0.000000	0.000000	2,218,788,049.000000	
Realized Gair					
Σ Total Realiz	40,220,657.000	0.000000	0.000000	40,220,657.000000	
Unrealized Ga					
Σ Total Unrea	506,539,829.000	0.000000	0.000000	506,539,829.000000	
Expenses					
Σ Total Expen	27,240,467.000	0.000000	0.000000	27,214,714.000000	
Σ Total Net As	0.000	0.000000	0.000000	2,791,642,669.000000	
Income					
Σ Total Incom	53,334,600.000	0.000000	0.000000	53,334,600.000000	
Σ Net Investn	0.000	0.000000	0.000000	26,119,886.000000	
Σ Total Net As	0.000	0.000000	0.000000	2,791,668,421.000000	

- b. When the user clicks the **Enable History Editing** link, the **Ending Balance** columns of the balances grid for rows representing trial balance items, subsection totals, section totals, *Net Investment Income*, *Realized Gain/Loss*, *Unrealized Gain/Loss*, *Total Net Assets (A-L)* and *Total Net Assets (Capital)* to become editable (i.e., the cells' background color becomes white).

Trial Balance					
Trial Balance Memo		Fund Data Points		Class Balances	
Supplemental Data		Calculations			
Class: <None/All>		Rounding: Primary - No Decimal			
Name	Beginning Balance	Cumulative De	Cumulative	Ending Balance (Raw)	
▶ Assets					
▶ Total Assets	2,820,026,122.000	3,805.000000	71.000000	2,820,026,133.000000	
▶ Liabilities					
▶ Total Liabili	28,383,454.000	0.000000	10.000000	28,383,464.000000	
▶ Equity					
▶ Total Equity	2,218,788,049.000	0.000000	0.000000	2,218,788,049.000000	
▶ Realized Gair					
▶ Total Realiz	40,220,657.000	0.000000	0.000000	40,220,657.000000	
▶ Unrealized Ga					
▶ Total Unrea	506,539,829.000	0.000000	0.000000	506,539,829.000000	
▶ Expenses					
▶ Total Expen	27,240,467.000	0.000000	0.000000	27,214,714.000000	
▶ Total Net As	0.000	0.000000	0.000000	2,791,642,669.000000	
▶ Income					
▶ Total Incom	53,334,600.000	0.000000	0.000000	53,334,600.000000	
▶ Net Investrn	0.000	0.000000	0.000000	26,119,886.000000	
▶ Total Net As	0.000	0.000000	0.000000	2,791,668,421.000000	

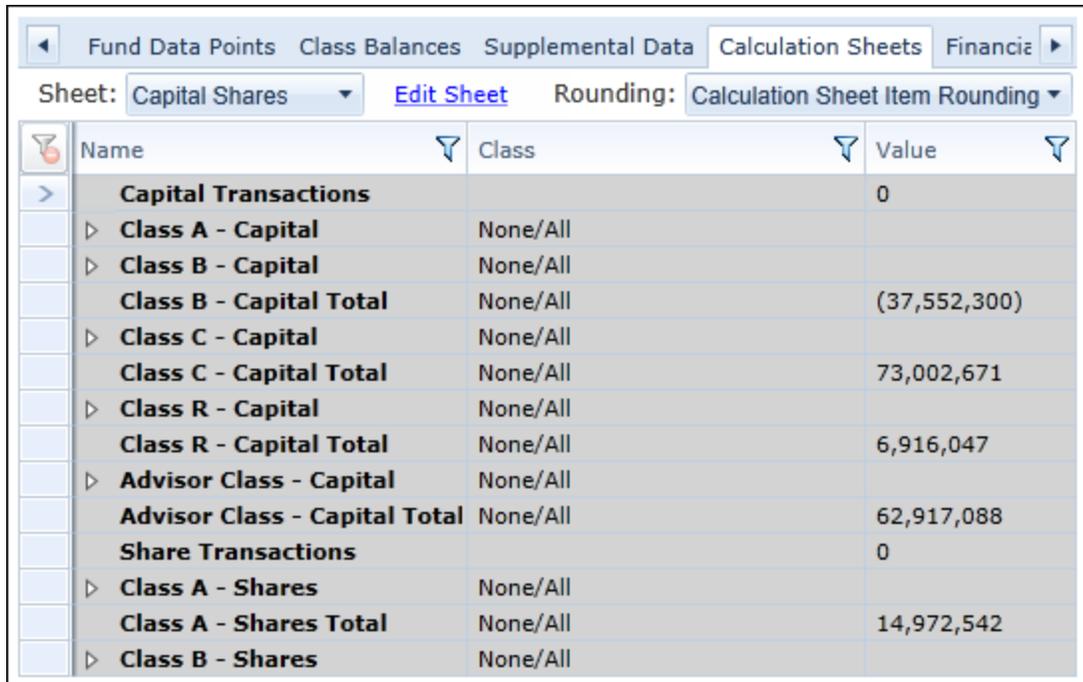
- i. The cells in the editable **Ending Balance (Raw)**, **Ending Balance (Rounded)** and **Ending Balance (Footed)** columns are free-form text boxes that allow the user to input numeric values only.
- ii. If a user tries to input any value other than numeric, an error message displays to alert them of the incorrect format.
- iii. Users can switch between *Primary* and *Secondary* rounding levels to make edits to the values of the fields outlined above.
- iv. Users can switch between *Class* trial balances and make edits to the values of the fields outlined above.

- v. Note: Clicking the button and enabling grid cells does not put the page in an unsaved state; only editing cell values will do so.
 - c. Upon saving changes, all open periods for the currently-selected fund are put into a "Non-Calculated" state.
 - i. Once the workbook is calculated, the changes made to the closed period account(s) will be reflected in the data grid.
 - d. Once the page is in a saved state, a user can turn off the ability to edit by clicking the **Disable History Editing** link at upper-right of the tab.
2. An **Enable History Editing** link was added at upper-right of the **Calculation Sheets** tab of the **Financial Workbook** page.

Note:

The link is only enabled if the current user is assigned the existing *Edit Closed Period Financial Balances* user right.

- a. When closed period is selected, the data grid is now shaded in gray (*i.e.*, disabled).



The screenshot shows the 'Calculation Sheets' tab in the Financial Workbook. The 'Sheet' dropdown is set to 'Capital Shares' and the 'Rounding' dropdown is set to 'Calculation Sheet Item Rounding'. The data grid below is shaded gray, indicating it is disabled. The grid has columns for Name, Class, and Value.

Name	Class	Value
Capital Transactions		0
▶ Class A - Capital	None/All	
▶ Class B - Capital	None/All	
▶ Class B - Capital Total	None/All	(37,552,300)
▶ Class C - Capital	None/All	
▶ Class C - Capital Total	None/All	73,002,671
▶ Class R - Capital	None/All	
▶ Class R - Capital Total	None/All	6,916,047
▶ Advisor Class - Capital	None/All	
▶ Advisor Class - Capital Total	None/All	62,917,088
Share Transactions		0
▶ Class A - Shares	None/All	
▶ Class A - Shares Total	None/All	14,972,542
▶ Class B - Shares	None/All	

- b. When the user clicks the **Enable History Editing** link, the cells in the following columns of the balances grid become editable (*i.e.*, the cells' background color becomes white), based on the type of sheet selected:

Fund Data Points				Class Balances		Supplemental Data		Calculation Sheets		Financials	
Sheet: Capital Shares		Edit Sheet		Rounding: Calculation Sheet Item Rounding							
Name	Class	Value									
Capital Transactions		0									
▶ Class A - Capital	None/All										
▶ Class B - Capital	None/All										
Class B - Capital Total	None/All	(37,552,300)									
▶ Class C - Capital	None/All										
Class C - Capital Total	None/All	73,002,671									
▶ Class R - Capital	None/All										
Class R - Capital Total	None/All	6,916,047									
▶ Advisor Class - Capital	None/All										
Advisor Class - Capital Total	None/All	62,917,088									
Share Transactions		0									
▶ Class A - Shares	None/All										
Class A - Shares Total	None/All	14,972,542									
▶ Class B - Shares	None/All										

- i. **Classes Across** sheet:
 - A. <each column representing a class>
 - B. **None/All**
- ii. **Classes Down** sheet:
 - A. **Value**
- iii. **Currency** sheet:
 - A. <each column representing a currency>
 - B. **None/All**

- iv. *N-SAR* sheet:
 - A. **Value**
- v. The cells in the editable columns are free-form text boxes that allow the user to input numeric values only.
 - A. If a user tries to input any value other than numeric, an error message displays to alert them of the incorrect format.
- vi. The user can only make edits to the fields outlined above when the **Rounding** level is set to *Calculation Sheet Item Rounding*.
 - A. If a user changes the **Rounding** level to *Primary* or *Secondary*, the **Enable History Editing** link becomes disabled and the user cannot click it.
- vii. Users can switch between calculation sheets and make edits to the values of the fields outlined above.

Note:

Clicking the button and enabling grid cells does not put the page in an unsaved state; only editing cell values will do so.

- c. Upon saving changes, all open periods for the currently-selected fund are put into a "Non-Calculated" state.
 - i. Once the workbook is calculated, the changes made to the closed period account(s) will be reflected in the data grid.
 - d. Once the page is in a saved state, a user can turn off the ability to edit by clicking the **Disable History Editing** link at upper-right of the tab.
3. The following audit reports were updated to incorporate any changes made to trial balance or calculation sheet items in a closed period:
- a. Financial Statement Mapping Audit Report
 - b. Calculation Sheet Account Mapping Audit Report
 - c. Historical Data Audit Report

Additional Information

A user will lose all changes made to a closed account period upon reopening that period and recalculation of the financial workbook.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

14. Ability to define custom validation checks for financial statements in a project

RRD ID: 54345

Overview

Users can now create custom checksums between totals and line items within a financial statement. This functionality is an expansion of the Project Output Validation Report that was released in ArcReporting version 2.2.0.

What's New

1. An **Output Validation Settings** hyperlink was added at upper-right of the **Financial Statement Template Output Settings** page.

Financial Statement Template: MyFinancialStatementTempla [Output Validation Settings](#)

Statement Structure

Use the slider to adjust the number of columns



- Statement
 - Column Header | <All
 - Assets
 - Item 2
 - Assets Total
 - Footnote Legend
 - Footnote

Settings

Item Name: Column Header Item Type: Column Header

Mapping

Repeat Group: Fund by Period

Column 1	Column 2	Column 3	Column 4
heading <Abbreviation>	heading	heading	heading

Delete Mappings

Data Points | Literals | Financial Workbooks | Format Items

Add items to the mapping grid by dragging them from the list box below.

Type: Fund

- 7-day gross yield (as of the month end)
- Abbreviation
- CIK
- Close Date

Highlight 'Keep with previous' items

- a. The link is disabled for statements of pivoted orientation.
- b. The link is enabled for statements of standard orientation.

- c. Clicking the link causes the **Settings** group box and its contents to be replaced with the **Project Output Validation Report Settings** group box, with its associated contents.

Project Output Validation Report Settings

Checksum Definition

Statement total to check:

Statement items to sum:

	Line Item	Operator
>	Total Assets	-
	Total Liabilities	+

Checksums

	Name	Description
>	Total Net Assets check	Assets minus Liabilities





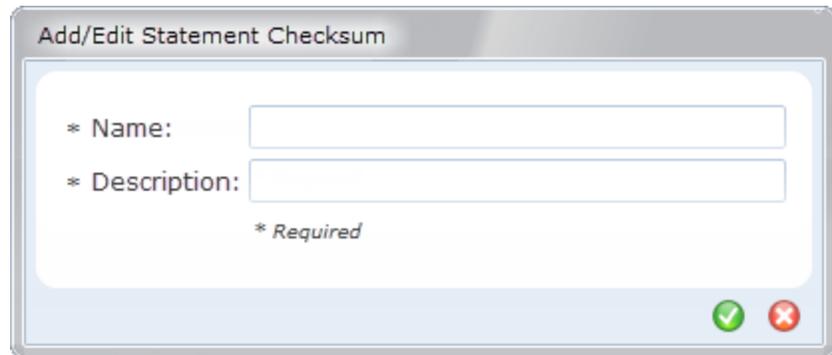
- i. The link text changes to **Output Settings**, and the link can be clicked to display the standard **Settings** group box again, with its associated contents.
- ii. The column slider control in the **Statement Structure** group box is disabled.
- iii. The column header and legend nodes in the tree view of the **Statement Structure** group box are disabled/not selectable; all other node types in the tree view can be selected and dragged/dropped into the **Statement total to check** text box or **Statement items to sum** grid, however (discussed further below).

- iv. A **Checksum Definition** group box is displayed at the top of the **Project Output Validation Report Settings** group box.
 - A. The values in the controls of the group box are specific to the selected record in the **Checksums** grid.
 - 1. If no rows/records exist in the **Checksums** grid, the **Statement total to check** text box and **Statement items to sum** grid are empty and disabled (*i.e.*, no tree view nodes can be added to them via drag-and-drop).
 - B. A **Statement total to check** text box is displayed at the top of the group box.
 - 1. Users cannot manually enter text in the text box; rather, users can drag-and-drop a single node from the tree view of the **Statement Structure** group box at left (excluding column header and legend nodes, which are disabled) onto the text box.
 - a. The name of the dropped node is displayed in the text box.
 - b. Only nodes that have not already been specified as another **Statement total to check** can be dragged/dropped onto the text box.
 - c. When a node that may be placed in the text box (per the information above) is moved over the text box, a green check box icon (✓) displays next to the node label.
 - d. An attempt to drag a node that may not be placed in the text box (per the information above) into the text box causes a red "x" icon (✗) to display next to the node label as it is moved over the text box in the UI.
 - 2. Users can remove the text in the text box by dragging-and-dropping it onto tree view of the **Statement Structure** group box at left.

- C. A **Statement items to sum** grid is displayed beneath the **Statement total to check** text box.
1. The following columns are displayed in the grid, from left-to-right:
 - a. **Line Item**
 - i. Displays the name of the tree view node that was dragged-and-dropped onto the grid.
 - b. **Operator**
 - i. A drop-down list is displayed in the cell for each row of the grid, with the following available selections:
 - A. +
 - B. -
 - C. /
 - D. *
 2. Users can drag-and-drop any number of individual nodes from the tree view of the **Statement Structure** group box at left (excluding column header and legend nodes, which are disabled) onto the grid.
 - a. Each node that is dropped on the grid creates a corresponding row in the grid.
 - b. The name of any given dropped node is displayed in the **Line Item** column of its row in the grid.
 - c. Only nodes that have not already been added to the **Statement items to sum** grid (for the current or any other checksum) can be dragged/dropped onto the grid.
 - d. When a node that may be placed in the grid (per the information above) is moved over the grid, a green check box icon (✔) displays next to the node label.

- e. An attempt to drag a node that may not be placed in the grid (per the information above) into the grid causes a red "x" icon (✘) to display next to the node label as it is moved over the grid in the UI.
 3. Users can remove any given row from the grid by dragging-and-dropping it onto tree view of the **Statement Structure** group box at left.
- v. A **Checksums** group box is displayed beneath the **Checksum Definition** group box.
- A. A grid is displayed at the top of the group box.
 1. When a given row of the grid is selected, the **Statement total to check** and **Statement items to sum** specified in association with that row, if any, are displayed in the corresponding controls of the **Checksum Definition** group box.
 2. The following columns are displayed in the grid, from left-to-right:
 - a. **Name**
 - i. Displays the statement checksum name, as specified by the user via the **Add/Edit Statement Checksum** dialogue.
 - b. **Description**
 - i. Displays the statement checksum description, as specified by the user via the **Add/Edit Statement Checksum** dialogue.

- B. An **Add new item to grid** button is displayed at lower-left of the grid.
1. A maximum of 10 rows may be added to the grid.
 2. Clicking the button causes the **Add/Edit Statement Checksum** pop-up dialogue to display.



- a. A group box is displayed on the dialogue.
 - i. A **Name** text box is displayed at the top of the group box.
 - A. The maximum character length for the text box value is 512.
 - ii. A **Description** text box is displayed beneath the **Name** text box.
 - A. The maximum character length for the text box value is 1024.
 - b. Clicking the **Accept** button at lower-right of the dialogue causes the dialogue to close, and for a row to be added to the **Checksums** grid having the specified name and description.
 - c. Clicking the **Cancel** button at lower-right of the dialogue causes the dialogue to close, and for no row to be added to the **Checksums** grid.
- C. A **Remove item from grid** button is displayed at right of the **Add new item to grid** button.
1. Clicking the button causes the selected row to be removed from the grid.

- D. An **Edit selected record** button is displayed at right of the **Remove item from grid** button.
 1. Clicking the button causes the **Add/Edit Statement Checksum** pop-up dialogue to display (described above).
2. A value of **Custom** now displays in the existing **Check Type** column of the Project Output Validation report for financial statements using custom **Project Output Validation Report Settings**.
 - a. For financial statements using custom **Project Output Validation Report Settings**, the report also lists lines specified as a **Statement total to check**. The values compared in this case are those of the designated **Statement total to check** line and the calculated result of its corresponding **Statement items to sum** lines.

Note:

- If a given **Project Output Validation Report Settings** section is blank, it is ignored.
- If a given **Project Output Validation Report Settings** section has a **Statement total to check** specified, but no **Statement items to sum** values, it is not ignored; the report logic cannot find items to sum, and an error is displayed in the report.
- If a given **Project Output Validation Report Settings** section has **Statement items to sum** values, but no **Statement total to check** specified, it is ignored.

- b. On a line designated as a **Statement total to check**, the following data points will be checked:
 - i. **Value**
 - ii. **Value2**
 - iii. **Value3**
 - iv. **Value4**
 - v. **Value5**
 - vi. **Value6**
 - vii. **Value7**
 - viii. **Value8**
 - ix. **Value9**

- x. *Value10*
 - xi. *HorizontalTotalPeriod1*
 - xii. *HorizontalTotalPeriod2*
 - xiii. *HorizontalTotalPeriod3*
 - xiv. *HorizontalTotalPeriod4*
 - xv. *HorizontalTotalPeriod5*
- c. Suppressed lines will **not** be calculated.

Note:

If any detail rows in the statement do not display a data point that is part of the total, the sum will never match, and the row(s) will always display in the report.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

15. Ability to associate an account period cycle with inserted data points

RRD ID: 58932

Overview

FundSuiteArc was enhanced to allow users to select an account period cycle for data points (*i.e.*, class balance, supplemental data, fund data and trial balance definitions) when creating them in the **Text Libraries**, **Custom Data Point Libraries**, **Footnote Libraries - Holdings** or **Footnote Libraries - General Ledger** pages.

What's New

In previous versions of FundSuiteArc, users were not able to specify an account period cycle in association with data points. In version 2.3.0, users can designate the account period cycle when creating or editing data points via the **Text Libraries**, **Custom Data Point Libraries**, **Footnote Libraries - Holdings**, or **Footnote Libraries - General Ledger** pages.

When a user inserts a new data point or edits an existing data point, an **Account Period Cycle** drop-down list is now available on the **Insert Data Point** dialogue.

1. The following account periods cycles are available for selection:
 - a. Current Account Period (default option)
 - b. Fiscal Year End 1st prior
 - c. Fiscal Year End 2nd prior
 - d. Fiscal Year End 3rd prior
 - e. Fiscal Year End 4th prior
 - f. Fiscal Year End 5th prior
 - g. Fiscal Year End 6th prior
 - h. Fiscal Year End 7th prior
 - i. Fiscal Year End 8th prior

- j. Fiscal Year End 9th prior
 - k. Fiscal Year End 10th prior
 - l. Fiscal Year Semi End
 - m. Fiscal Year Semi End 1st prior
 - n. Fiscal Year Semi End 2nd prior
 - o. Fiscal Year Semi End 3rd prior
 - p. Fiscal Year Semi End 4th prior
 - q. Fiscal Year Semi End 5th prior
 - r. Comparative 1st prior
 - s. Comparative 2nd prior
 - t. Comparative 3rd prior
 - u. Comparative 4th prior
 - v. Comparative 5th prior
2. This feature is now available for the following data point types:
- a. Date- and Text-type
 - i. Fund Data Point
 - ii. Supplemental Data
 - b. Numeric-type
 - i. Class Data Point
 - ii. Fund Data Point
 - iii. Supplemental Data
 - iv. Trial Balance Definition

Process Changes

No changes to current processes are required.



[Demonstration video](#)

16. Enhanced search capabilities for building a statement's currency legend

RRD ID: 59710

Overview

Legends of type *Currency* were enhanced to allow for optional search of the *Currency Code Purchased* and/or *Currency Code Sold* fields.

What's New

1. A set of *Search Fields* check boxes was added to the *Legend* sub-tab of the *Legend Detail* tab on the **Portfolio Statement Templates** page, for legends of type *Currency*.
 - a. The user can select any combination of the following check box options in association with a given currency legend to designate which field(s) will be searched for currencies:
 - i. Currency Code (security)
 - A. In previous versions of ArcReporting, this was the only field upon which a search for currency codes was carried out.
 - B. This check box will be selected by default upon database update for all existing currency legends.
 - C. This check box will be selected by default for all newly-created currency legends following database update to version 2.3.0.
 - ii. Currency Code Purchased
 - A. This check box will be cleared by default upon update for all existing currency legends.
 - B. This check box will be cleared by default upon update for all newly-created currency legends following database update to version 2.3.0.

- iii. Currency Code Sold
 - A. This check box will be cleared by default upon update for all existing currency legends.
 - B. This check box will be cleared by default upon update for all newly-created currency legends following database update to version 2.3.0.
 - b. The contents of **Currency Code Purchased** and/or **Currency Code Sold** field(s), if designated as one of the **Search Fields** in a given portfolio statement template, must contain a corresponding record in the appropriate Currencies and Currency Captions libraries to prompt a return within the currency legend.
 - c. **Currency Code Purchased** and **Currency Code Sold** field values can also be added as a **Legend Exclusion**.
2. A set of **Search Fields** check boxes was added to the **Legend** sub-tab of the **Legend Detail** tab on the **Shared Legend Templates** page, for legends of type **Currency**.
- a. The user can select any combination of the following check box options in association with a given currency legend to designate which field(s) will be searched for currencies:
 - i. Currency Code (security)
 - A. In previous versions of ArcReporting, this was the only field upon which a search for currency codes was carried out.
 - B. This check box will be selected by default upon database update for all existing currency legends.
 - C. This check box will be selected by default for all newly-created currency legends following database update to version 2.3.0.
 - ii. Currency Code Purchased
 - A. This check box will be cleared by default upon update for all existing currency legends.
 - B. This check box will be cleared by default upon update for all newly-created currency legends following database update to version 2.3.0.

iii. Currency Code Sold

- A. This check box will be cleared by default upon update for all existing currency legends.
 - B. This check box will be cleared by default upon update for all newly-created currency legends following database update to version 2.3.0.
- b. The contents of **Currency Code Purchased** and/or **Currency Code Sold** field(s), if designated as one of the **Search Fields** in a given shared legend template, must contain a corresponding record in the appropriate Currencies and Currency Captions libraries to prompt a return within the currency legend.
- c. **Currency Code Purchased** and **Currency Code Sold** field values can also be added as a **Legend Exclusion**.

Additional Information

The template output settings definition must include the corresponding **Currency Code (security)**, **Currency Code Purchased** and/or **Currency Code Sold** fields for the currency record(s) to display in the legend.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

17. Additional "Account Period Cycle" options for calculation sheet items

RRD ID: 59763

Overview

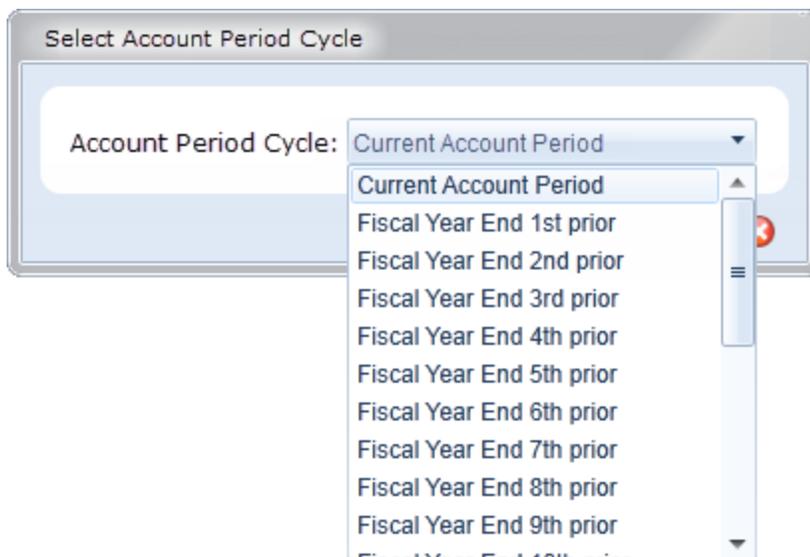
Calculation sheet item setup options were enhanced to allow users to specify one of 23 different **Account Period Cycle** selections.

What's New

In previous versions of FundSuiteArc, users could specify one of six different **Account Period Cycle** values when adding formula elements to a calculation sheet item. In version 2.3.0, many more options are available.

1. The following account period cycles are now available for selection:
 - a. Current Account Period (default selection)
 - b. Fiscal Year End 1st prior
 - c. Fiscal Year End 2nd prior
 - d. Fiscal Year End 3rd prior
 - e. Fiscal Year End 4th prior
 - f. Fiscal Year End 5th prior
 - g. Fiscal Year End 6th prior
 - h. Fiscal Year End 7th prior
 - i. Fiscal Year End 8th prior
 - j. Fiscal Year End 9th prior
 - k. Fiscal Year End 10 prior
 - l. Fiscal Year Semi End
 - m. Fiscal Year Semi End 1st prior

- n. Fiscal Year Semi End 2nd prior
 - o. Fiscal Year Semi End 3rd prior
 - p. Fiscal Year Semi End 4th prior
 - q. Fiscal Year Semi End 5th prior
 - r. Comparative 1st prior
 - s. Comparative 2nd prior
 - t. Comparative 3rd prior
 - u. Comparative 4th prior
 - v. Comparative 5th prior
 - w. Quarter End 1st prior
2. The existing **Account Period Cycle** link in the grid of the **Add/Edit Calculation Sheet Item** dialogue now opens a **Select Account Period cycle** dialogue when clicked (in previous versions of FundSuiteArc, clicking the link simply toggled between a smaller selection of periods).



3. Selections in the existing **Account Period Cycle** drop-down list on the **Add/Edit Data Point** dialogue (invoked when setting up a calculation sheet of type *Conditional Value*) were augmented to include all the account periods listed above, for the following data point types:

The screenshot shows the 'Add/Edit Data Point' dialog box with the following fields and values:

- Data Point**
- * Type: Class Data Point
- * Element: Inception Date
- * Account Period Cycle: Current Account Period
- Fund Selection Behavior: Current Account Period
- * Fund:
- Base Class:

The 'Account Period Cycle' dropdown menu is expanded, showing the following options:

- Current Account Period
- Fiscal Year End 1st prior
- Fiscal Year End 2nd prior
- Fiscal Year End 3rd prior
- Fiscal Year End 4th prior
- Fiscal Year End 5th prior
- Fiscal Year End 6th prior
- Fiscal Year End 7th prior
- Fiscal Year End 8th prior
- Fiscal Year End 9th prior
- Fiscal Year End 10th prior

- a. Calculation Sheet
- b. Class Data Point
- c. Fund Data Point
- d. Supplemental Data
- e. Trial Balance Definition

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

18. Support for assignment of a portfolio statement template to multiple shared legends

RRD ID: 59771

Overview

Several enhancements were made to support additional requirements for shared legends within projects. These enhancements allow a portfolio statement template to be assigned to multiple shared legends, so footnotes can appear in one shared legend while the currencies and abbreviations appear in separate shared legends.

What's New

1. Logic for the **Available Items** sub-tab of the **Structure** tab on the **Document Structure Templates** page was modified to allow shared legends to be added to chapters/sections with a **Behavior** setting of **All Funds - Repeat**.
2. The **Edit Associated Statements** dialogue (invoked via the **Item Detail** sub-tab of the **Contents** tab on the **Project Templates** page, when a shared legend is selected) was enhanced to facilitate the assignment of portfolio statement templates.
 - a. The dialogue now displays a check box next to each statement that is not associated with any other shared legend template of the same legend type(s). In previous versions of FundSuiteArc, a restriction existed that prevented users from associating a statement template with a shared legend template if the same template was already associated with a shared legend template of a different type.
 - b. The application will no longer automatically select check boxes for statements in repeating chapters/sections when the user selects the check box for one statement instance; the user can now individually select only the required statement templates to associate with the shared legend.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

19. Expanded support for alphabetical currency legend sorting by currency code

RRD ID: 60787

Overview

Currency legend sorting options were enhanced to allow an option to sort currency records alphabetically by the currency code.

What's New

1. An **Alphabetical by Currency Code** selection was added to the **Sort Order** drop-down list in the **Currency Legend Settings** section of the **Portfolio Statement Templates** page.
2. An **Alphabetical by Currency Code** selection was added to the **Sort Order** drop-down list in the **Currency Legend Settings** section of the **Shared Legend Template** page.

Additional Information

Existing currency legend settings will remain intact following database update to version 2.3.0. Users must specify the new option in the currency legend settings **Sort Order** drop-down list if the new sorting feature is required.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

20. Ability to edit footnotes directly on the Project page

RRD ID: 63559

Overview

The **Project** page was enhanced to allow users with the proper rights to unlink and edit footnote text for portfolio, financial and shared legends of type *Footnote*.

What's New

The following enhancements were made to allow users to unlink and edit footnote text directly via the **Project** page:

1. An *Unlink Footnote Text in Project Components* user right was added to the **Roles** page in the *Platform Administration* area.
 - a. A user having this new right will be able to unlink and edit footnote text on the *Components* tab of the **Project** page.
2. An *Unlink Footnote Text* toggle button and associated *Edit* button were added to *Components* tab of the **Project** page (when a shared legend component or financial statement, portfolio statement or shared legend of footnote type), now displays the "Unlink Footnote Text" toggle button, with associated functionality
 - a. The *Unlink Footnote Text* toggle button displays only when a shared legend component or financial or portfolio statement component containing a footnote record is selected in the tree view.
 - i. The button is only enabled when a footnote-type item is selected in the preview pane of the tab.
 - b. When the user clicks the toggle button, visual cues display on the page to indicate that one or more footnotes are in an unlinked state.
 - i. An alternate image is displayed in the tree view for financial statement, portfolio statement or shared legend nodes when one or more footnotes therein is unlinked.



- ii. An alternate image is displayed left of the **Unlink Footnote Text** toggle button when the selected footnote record in the preview pane is in an unlinked state.



- c. When the user clicks the toggle button, an **Edit** button is displayed at its right.

- i. The user can enable editing of the selected footnote record by clicking the **Edit** button.



- ii. When the **Edit** button is clicked, the **Footnote - Edit Mode** pop-up dialogue box displays, in which the footnote text from the selected footnote can be viewed/edited.
- iii. Data points do not appear as evaluated in this view.
- iv. Edits made via the **Unlink Footnote Text** feature are disconnected from the respective footnote libraries and will not impact the associated libraries, other projects, account periods, etc.
- v. Edits made via the **Unlink Footnote Text** feature will not be rolled forward to future projects.
- vi. If a given footnote is used within a shared legend, the edits should be made to the unlinked footnote record within the shared legend, rather than via the individual statement template.
- vii. Following footnote content edits, the user has the option to accept or abort the changes by clicking the **Accept** or **Cancel** buttons, respectively, at lower-right of the dialogue.
- viii. When edits are accepted, the **Footnote - Edit Mode** dialogue closes and the preview pane on the **Components** tab is automatically refreshed to reflect the updates.
- ix. When edits are canceled, the **Footnote - Edit Mode** dialogue closes and the footnote text remains unchanged.

- d. After the text of a given footnote has been unlinked, the user can revert any changes and re-link text to the library by clicking the **Link Footnote Text** toggle button.
 - i. The user will be alerted that any changes made to the footnote's text while in the unlinked state will be lost, if it is linked, and its text will be drawn from associated footnote library.
- e. Users also have the option to use the existing **Unlink Component** feature in conjunction with the **Unlink Footnote Text** feature. However, footnotes can only be unlinked and edited when the component is in a linked mode; once the **Unlink Component** feature is implemented, the ability to unlink footnote text is disabled.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

21. Ability to define up to 10 aggregation levels for portfolio statement templates

RRD ID: 63561

Overview

Previous versions of ArcReporting allowed users to define up to five aggregation levels to define the data points used for aggregation functionality. Users can now define up to 10 aggregation levels.

What's New

Users can now add up to 10 aggregation levels via the **Aggregate** sub-tab of the **Statement Detail** tab on the **Portfolio Statement Templates** page.

1. Any existing **Aggregate** sub-tab settings will remain unchanged following database update to version 2.3.0.
 - a. Users have the option to add up to 10 aggregation levels on existing and new portfolio statement templates following database update.
2. Newly-added aggregation levels must be added to the **Portfolio Statement Template Output Settings** page to display in project preview and output.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

22. Additional features to support portfolio statement template output rules

RRD ID: 63562

Overview

Users now have the ability to map data points to a portfolio statement template that are only available to output rules and do not show within the project preview or document output.

What's New

1. The existing **Edit** link in the **Item Suppression** section of the **Format Items** tab on the **Portfolio Statement Template Output Settings** page was enabled for all of the following statement node types:
 - a. *Aggregated Securities*
 - b. *Category Header*
 - c. *Category Total*
 - d. *Negative Subtotal*
 - e. *Net Assets*
 - f. *Other Assets*
 - g. *Other Securities*
 - h. *Positive Subtotal*
 - i. *Security Single*
 - j. *Stack Level Header*
 - k. *Stack Level Security Single*
 - l. *Stack Level Total*
 - m. *Total Investments*

Note:

The link is disabled for all other node types

2. An **Always suppress for output rule data point** check box option was added to the existing **Edit Item Suppression** dialogue (invoked via the **Edit** link in the **Item Suppression** section of the **Format Items** tab on the **Portfolio Statement Template Output Settings** page), for statement nodes of types **Aggregated Securities**, **Other Securities** and **Security**.

Separate multiple values with a semicolon and no space (e.g., AAA;AA;B).

- a. The check box is cleared by default for new items.
- b. Selecting the check box causes the value of the data point to be suppressed in project preview and output.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

23. Support for creation and display of global- and user-level Fund Holdings views

RRD ID: 63675

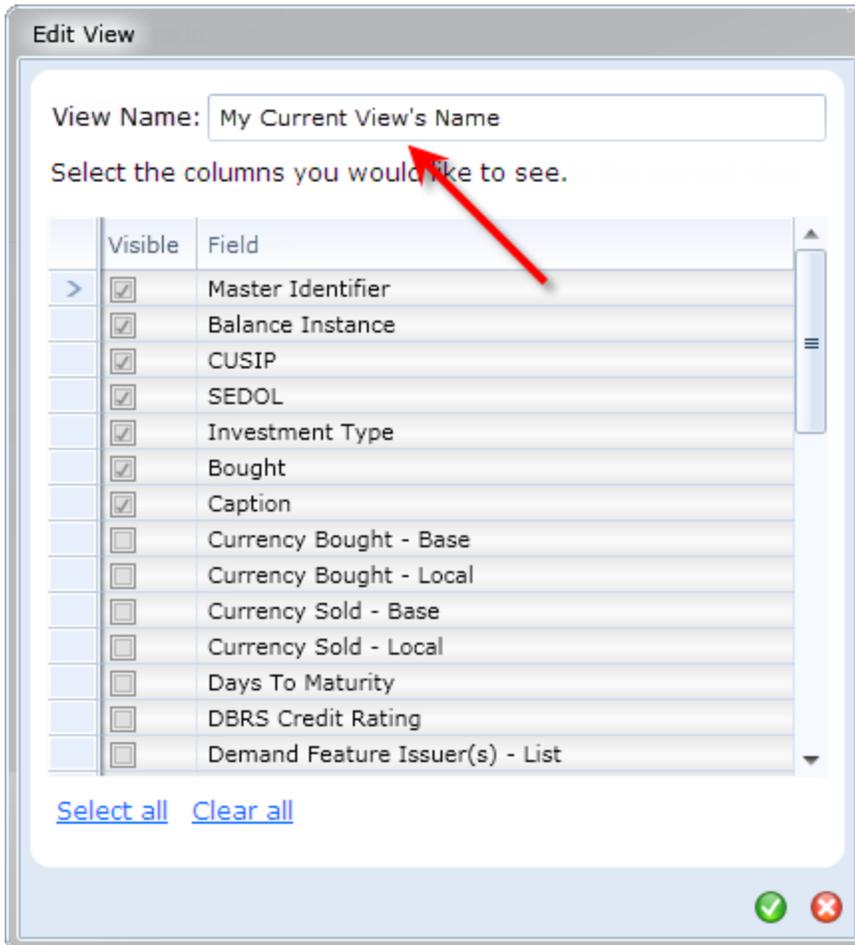
Overview

Users now have the ability to create both user- and global-level grid "views" for the **Fund Holdings** page in ArcReporting. Views are also now organized by level in the **View** drop-down list.

What's New

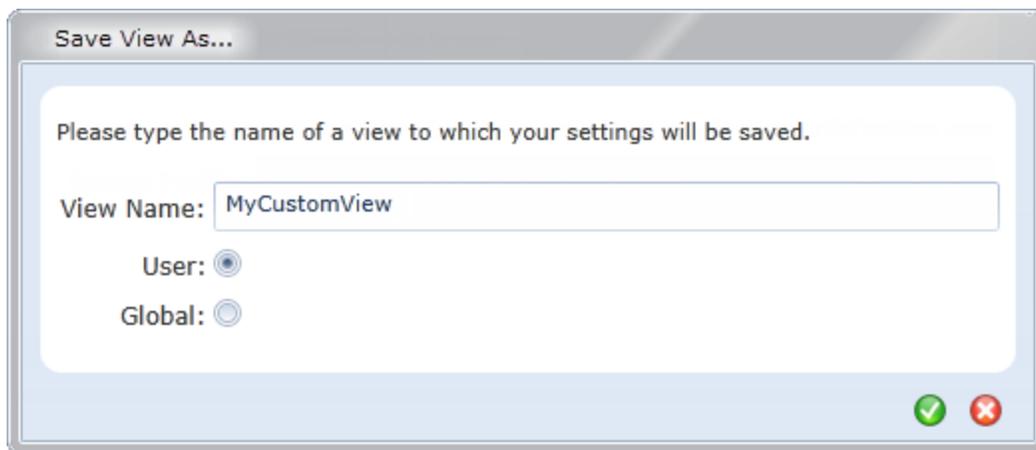
1. An *Add/Edit/Delete Global Fund Holdings Views* user right was added to the **Roles** page in the **Platform Administration** area as child to the existing *Open Fund Holdings Page (ArcReporting)* right.
 - a. A user having this new right will be able to add, edit or delete grid views that are associated with the **Fund Holdings** page.
 - b. If a user does not have this right, they will still be able to select and load a global-level view on the **Fund Holdings** page.
2. On application pages where grid "view" functionality is implemented, the existing *Edit Columns in View* selection in the **View** action context menu was renamed to *Edit View* and the dialogue it invokes was renamed to **Edit View**.

3. On application pages where grid "view" functionality is implemented, a **View Name** text box was added at the top of the newly-renamed **Edit View** dialogue.



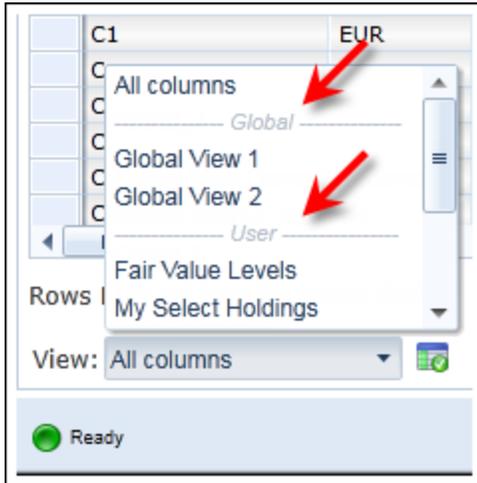
- a. This feature will allow a user with the *Add/Edit/Delete Global Fund Holdings Views* user right to change the name of an existing global-level view, or to change the name of an existing user-level view that they created.
- b. The text box must contain a value (*i.e.*, it cannot be blank).

- c. The text box value must be unique.
 - i. For global-level views, it must be unique among all other existing global-level views associated with the Holdings grid.
 - ii. For user-level views, it must be unique among all other existing user-level views created by the current user for the Holdings grid.
4. A **User/Global** option button set was added to the existing **Save View As...** dialogue, through which a user with the *Add/Edit/Delete Global Fund Holdings Views* user right can create a global-level view, or any user can create user-level view for their own use.



- a. **User** (default selection)
 - i. This option is available for all users.
 - ii. When this option is selected, the view will be saved at the user level, and can only be seen by the user who created it.
- b. **Global**
 - i. This option is only available if the current user is assigned the *Add/Edit/Delete Global Fund Holdings Views* user right.
 - ii. When this option is selected, the view will be saved at the global level, and can be seen by all users.

5. On application pages where grid "view" functionality is implemented, *--- Global ---* and *--- User ---* read-only separators were added to the existing **View** drop-down list.



- a. The separators will help users to recognize system-type views (e.g., *All columns*), global-level views and user-level views in the drop-down list.
- All system-type views will display in alphabetical order at the top of the drop-down list selections.
 - All global-level views will be listed in alphabetical order beneath the *--- Global ---* separator.
 - All users of a given database will have access to global-level views.
 - All user-level views will be listed in alphabetical order beneath the *--- User ---* separator.

Additional Information

Upon database update to version 2.3.0, any custom views previously created by users will automatically be available as user-level views.

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

24. Support for footnote content font color display on Project page

RRD ID: 64270

Overview

The component preview for financial and portfolio statements on the **Project** page was enhanced to display the font color applied to content within footnote libraries.

What's New

Footnote text displayed in the **Components** tab of the **Project** page when a financial or portfolio statement is selected now reflects the appropriate coloration, as applied in the respective footnote libraries, including reference colors used for custom tags and data points.

1. This enhancement applies to the font color applied to text via the **Footnote Libraries - Holdings** and **Footnote Libraries - General Ledger** pages.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

25. Shared text snippet conditional formulas

RRD ID: 68917

Overview

As part of the enhancement detailed in the **Augmented functionality and consistency for "Conditional Value" data points in text/footnote libraries** section of this document (starting on page 72), all conditional data points included in a given text snippet will be shared. This means that for a text snippet that is rolled forward, pushed to another period or copy/pasted, the conditional data point(s) contained therein will synchronize with the original parent snippet, and any changes to the data point(s) will be replicated across both. Due to this new behavior, when users open/edit any conditional data point, the **Add/Edit Conditional Formula** dialogue will now notify them if the data point is in use in other places. Users will have the ability to break this link and create a new, unique data point.

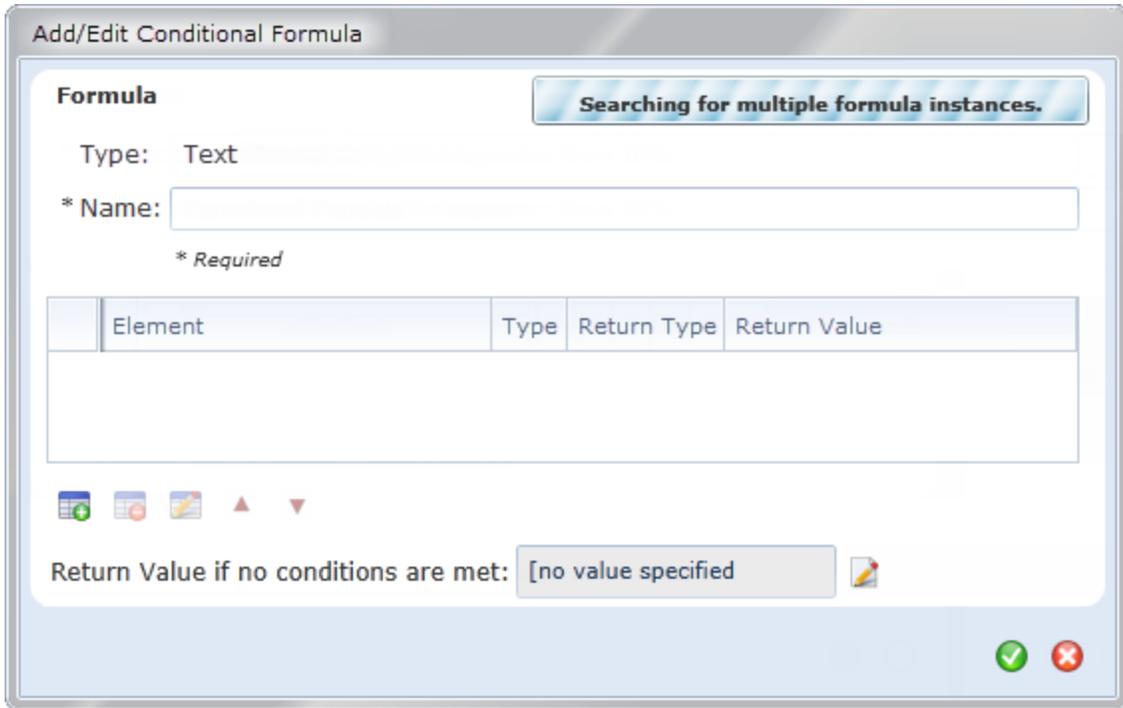
What's New

For conditional formulas associated with the **Text Libraries**, **Footnote Libraries - General Ledger** or **Footnote Libraries - Holdings** pages, editing an existing formula causes a check to be run against content for all account periods, languages and funds in each text snippet/footnote in each text/footnote library.

Note:

The check is only performed within records of the same library type (*i.e.*, if the conditional value formula exists in a text snippet, only records associated with the **Text Libraries** page will be checked; not records associated with the **Footnote Libraries - General Ledger** or **Footnote Libraries - Holdings** pages).

1. As the query is processing, a progress indicator is displayed at upper-right of the **Add/Edit Conditional Formula** dialogue, with the text *Searching for multiple formula instances*.



- a. Users can utilize all controls on the dialogue while the query is processing (*i.e.*, the query does not stop the user from working within the conditional formula).
- b. If only one reference is found at the end of processing, the progress indicator is not displayed.

- c. If more than one reference is found, the progress indicator is replaced by a clickable blue *(in use in multiple locations)* link and associated *Break conditional formula from its parent* button (🔒) are displayed at upper-right of the group box.

Add/Edit Conditional Formula

Formula [\(in use in multiple locations\)](#) 🔒

Type: Text

* Name:

* Required

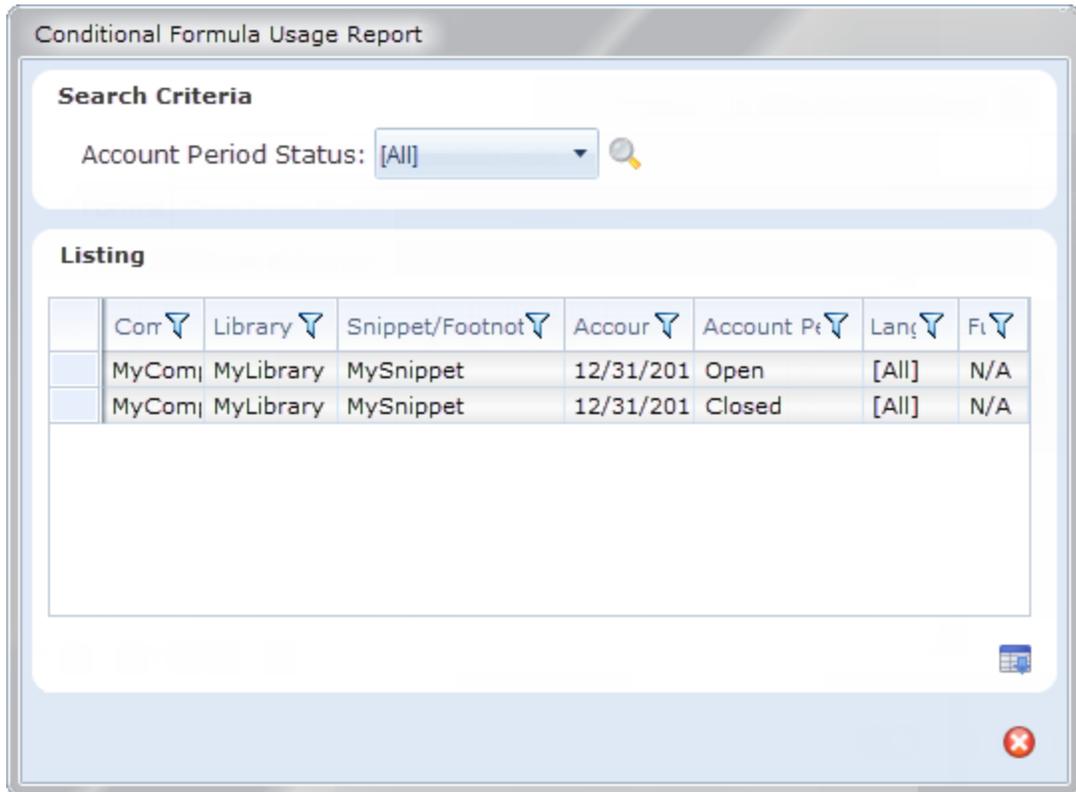
Element	Type	Return Type	Return Value

📅 📄 📊 ▲ ▼

Return Value if no conditions are met:

✔ ✖

- d. Clicking the *(in use in multiple locations)* link causes the **Conditional Formula Usage Report** dialogue to display.



- i. A **Search Criteria** group box is displayed at the top of the dialogue.
- A. An **Account Period Status** drop-down list is displayed at upper-left of the group box.
- Available selections are as follows, in the following order:
 - [All]** - Selecting this option will cause search results to include all text snippets/footnotes associated with account periods having a status of *Closed, Open or Reopened*.
 - Open** - Selecting this option will cause search results to be filtered to only those text snippets/footnotes associated with account periods having a status of either *Open or Reopened*.

- B. A **Search** button is displayed at right of the **Account Period Status** drop-down list. When the button is clicked, database results for the specified criteria will display in the results grid (see below).
 - 1. If all required search criteria have been specified, but no results are returned from the search query, the following pop-up message displays: *No results meet the specified search criteria.*
- ii. A **Listing** group box is displayed beneath the **Search Criteria** group box.
 - A. A results grid is displayed at the top of the group box.
 - 1. The grid displays all text snippets/footnotes meeting the specified criteria in which the conditional formula is included.
 - 2. Users may sort, filter and order data in the results grid using standard grid functionality, if desired.
 - 3. Columns displayed in the grid are as follows, in the following order from left-to-right:
 - a. **Complex**
 - i. Displays the name of the complex associated with the text/footnote library in which the snippet/footnote containing the formula resides.
 - b. **Library Name**
 - i. Displays the name of the text/footnote library in which the snippet/footnote containing the formula resides.
 - c. **Snippet/Footnote Name**
 - i. Displays the name of the text snippet/footnote containing the formula.
 - d. **Account Period**
 - i. Displays the account period associated with the snippet/footnote containing the formula.

e. **Account Period Status**

- i. Displays the status of the account period associated with the snippet/footnote containing the formula. Possible values are as follows:

- A. *Closed*
- B. *Open*
- C. *Reopened*

f. **Language**

- i. Displays the name of the language associated with the snippet/footnote containing the formula.

Note:

If the **Language** setting of the snippet or footnote is *Footnote text is the same for all languages* or *Snippet text is the same for all languages*, respectively, the cell in this column displays the term *[All]*.

g. **Fund**

- i. For formulas contained in text snippets, the cell in this column displays the term *N/A*. Displays the name of the fund associated with the footnote containing the formula.

Note:

If the **Fund** setting of the footnote is *Footnote text is the same for all funds*, the cell in this column displays the term *[All]*.

- e. Clicking the **Break conditional formula from its parent** button (🔒) causes the following **Please Confirm** pop-up message to display (the **Add/Edit Conditional Formula** dialogue remains open):

You are attempting to break this conditional formula from its parent. Any changes made to this formula going forward will not synchronize with its parent or sibling formulas. This action is irreversible. Do you wish to continue?

- i. Clicking the **Yes** button on the dialogue causes the following to occur:
 - A. The **Please Confirm** dialogue is closed.
 - B. The formula instance is "broken" from its parent, as a new copy of it is created.
 - C. The **Add/Edit Conditional Formula** dialogue displays the new copy of the formula, and no longer displays the *(in use in multiple locations)* link or *Break conditional formula from its parent* button.
- ii. Clicking the **No** button on the dialogue causes the dialogue to close, leaving the current formula "linked" to its parent.

Process Changes

No changes to current processes are required.



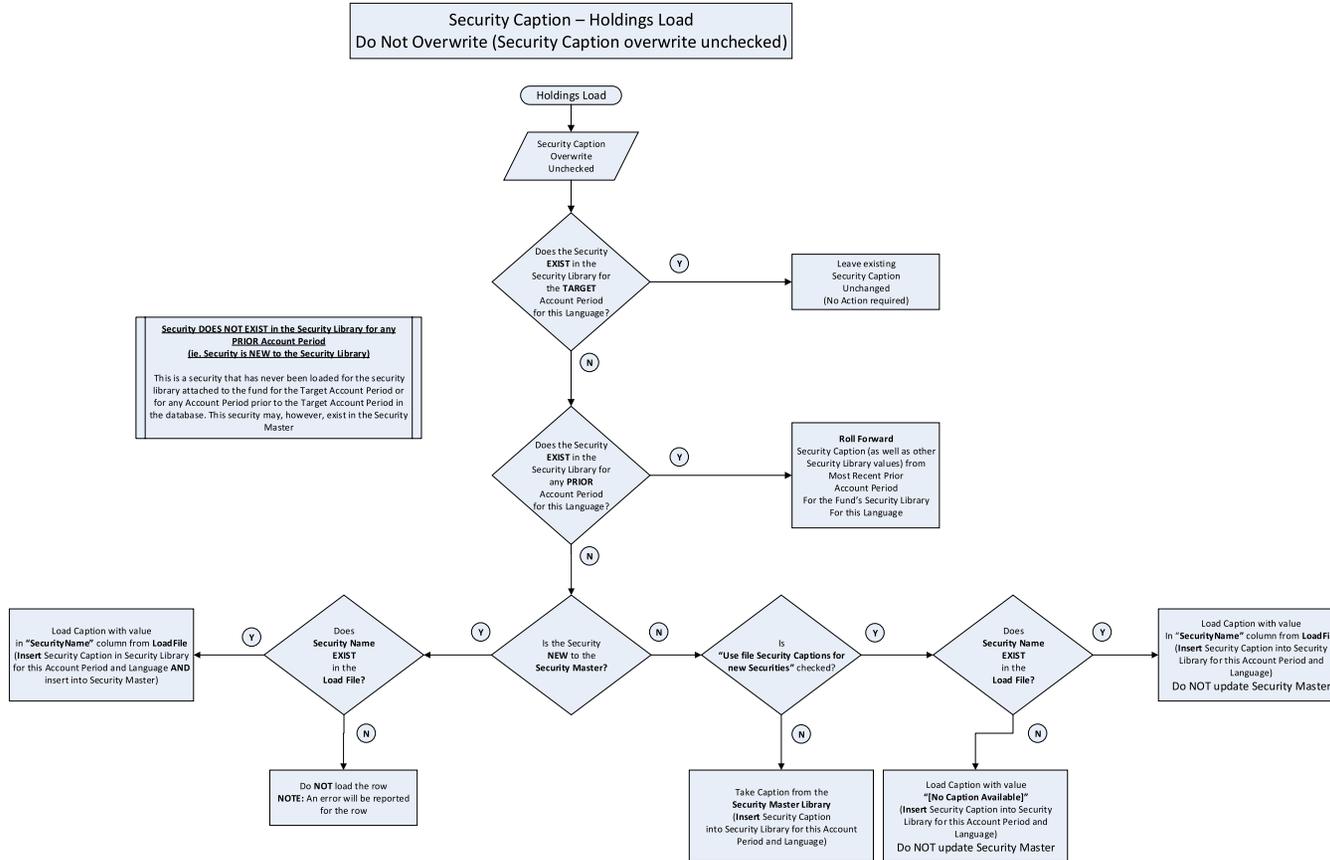
[Demonstration video](#)



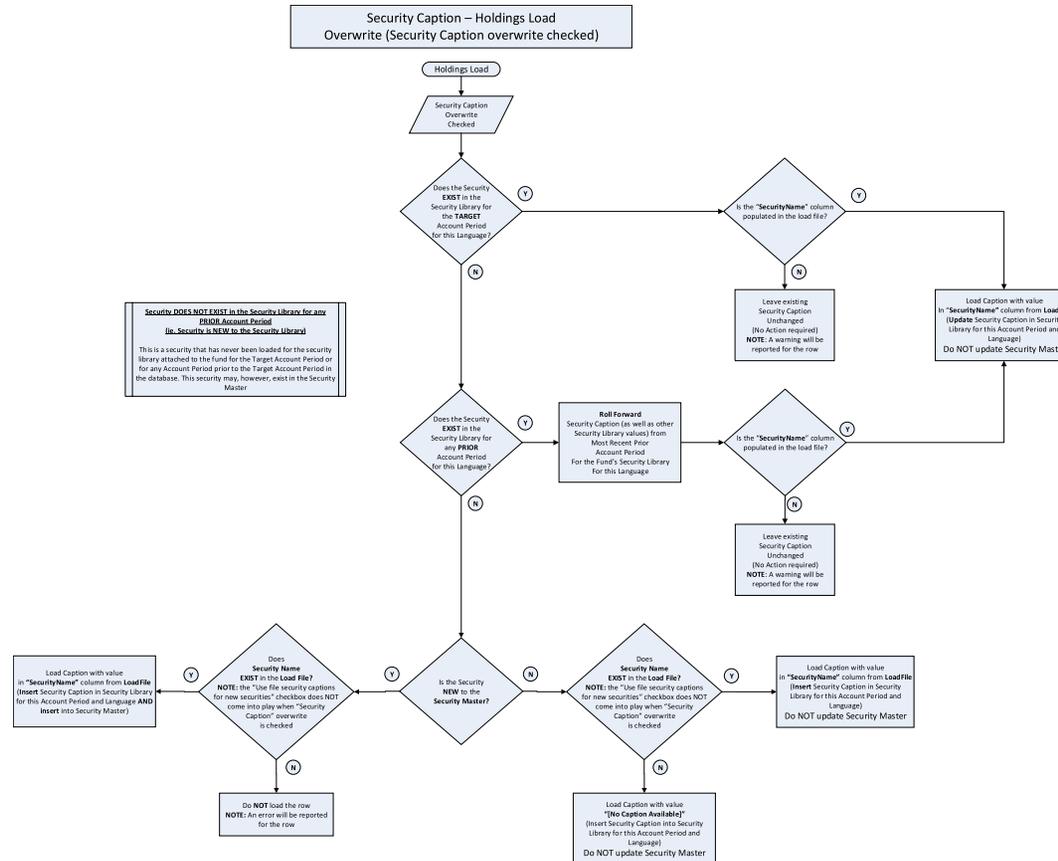
Appendix A: Holdings Import Security Caption Overwrite Logic

The following diagrams outline the logic employed for the Holdings data import/dataload with regard to the **Security Caption** overwrite check box option.

1. "Security Caption" check box option cleared



2. "Security Caption" check box option selected





Appendix B: Conditional Formula Options

Depending on the FundSuiteArc application interface through which the **Add/Edit Conditional Formula Element** dialogue is invoked, the dialogue will open in one of several distinct "modes" (i.e., *Text String*, *Numeric Value*, *Round Level* or *Boolean*). The conditional formula mode will determine which setup options are available for defining a formula.

The figures below identify the options available via the **Add/Edit Conditional Formula Element** dialogue, based on the conditional formula mode.

1. Available "If" drop-down list selections

■ Selection available in mode/interface
■ Selection not available in mode/interface
■ N/A

			Conditional Formula Mode / Application Interface									
			Text String			Numeric Value			Round Level	Boolean		
"If" Selection	Data Point		Text Libraries	Footnote Libraries - General Ledger	Footnote Libraries - Holdings	Custom Data Points Library	FWT > CS > Add/Edit Calculation Sheet Item			Fund Report Settings (Complex > Fund) > Conditional Fund Rounding	Project Templates > Contents > Suppression > Advanced Suppression	FWT > Proofing and Reasonability Checks > Reasonability Checks
	"Type" Selection	"Element" Selection					Class	Currency	Multiple Columns			
Account Period												
Account Period Type												
Attribute												
Class Data Point												
Financial Workbook	Calculation Sheet	[FWT > CS > Element]										
	Class Data Point	[Class Data Point Element]										
	Constant Value	[Numeric Value]										
	Fund Data Point	[Fund Data Point Element]										
	Supplemental Data	[FWT > Element]										
Trial Balance Definition	[FWT > TBD > Element]											
Fund												
Fund Data Point		[Fund Data Point Element]										
Fund Group												
Fund Type												
Number of Funds in Book												
Project Template												



Closed Defects

The following issues were addressed in this release of FundSuiteArc products.

Product	RRD ID	Module / Location	Description
ArcReporting	61907	Portfolio Statement Templates	Fixed a defect wherein project output did not respect the correct number of columns, if changed within the portfolio statement template.
ArcReporting	62977	Project	Fixed a defect that caused template issues after adding footnotes to tables.
ArcReporting	63568	Financial Workbook Templates	Fixed a defect that caused financial statement section "children" to display incorrect captions in a Mixed Caption scenario.
ArcReporting	64510	Document Structure Templates	Fixed a defect which prevented users from generating a blacklined draft between two PDFs that had different document structures.
ArcReporting	68236	Project Templates	Fixed a defect in project template item suppression logic, which did not suppress common content within a given chapter.
ArcReporting	24673 (IM14-121759)	Portfolio Statement Templates	Fixed a defect in which the statement sort order set to look at the Notional Amount field value was not working.
ArcReporting	24712 (IM14-131299)	Financial Statement Template Output Settings	Fixed a defect in which financial workbook items assigned to output settings in repeat groups returned currency symbols incorrectly.
ArcReporting	26337 (IM14-123560)	Document Structure Templates/Project Templates	Fixed a defect in which the tree structures on the Document Structure Templates and Project Templates pages did not respect the specified sort order.
ArcReporting	36284 (IM14-262420)	Project	Fixed a defect in which the currency symbols/codes in financial tables were missing from project output.

Product	RRD ID	Module / Location	Description
ArcReporting	51204 (IM14-516938)	Portfolio Statement Template Output Settings	Fixed a defect where, when users attempted to format items of type <i>Date</i> on the Portfolio Statement Template Output Settings page, the user interface automatically went into a "modified" state and did not maintain the formatting selection.
ArcReporting	51646 (IM14-510552)	Portfolio Statement Template Output Settings	Corrected <i>Aggregated Securities</i> logic, when using different <i>currency symbol</i> and <i>currency code</i> .
ArcReporting	51654 (IM14-476235)	Tabular Data Template Output Settings	Fixed a defect where horizontal alignment was not working on spanned cells in tabular data.
ArcReporting	54443 (IM15-096645)	Financial Workbook Templates	Fixed a defect in financial statement footnotes which did not use the specified sort order when being displayed in a table.
ArcReporting	54759 (IM15-100022)	Custom Data Points	Fixed a defect in the conditional custom data point user interface, whereby the <i>Accept</i> and <i>Cancel</i> buttons did not work for return values.
ArcReporting	55065 (IM15-103695)	Financial Statement Template Output Settings	Fixed a defect where the suppression of financial statement section/sub-section totals was disabled for existing items.
ArcReporting	55560 (IM15-095231)	Financial Workbook Templates	Fixed a defect in which unexpected results were displayed in project output, when using <i>Append caption based on children</i> functionality.
ArcReporting	55685 (IM15-100113)	Portfolio Statement Template Output Settings	Fixed a defect in portfolio statement <i>Item Suppression</i> functionality, when using the <i>Unrealized Value</i> data point.

Product	RRD ID	Module / Location	Description
ArcReporting	55686 (IM15-030466)	Financial Workbook Templates	Fixed a defect in which the financial workbook template import process incorrectly imported conditional formulas within calculation sheets.
ArcReporting	55757 (IM15-113830)	Image Libraries	Corrected performance issues encountered by users when dealing with large images in the image library.
ArcReporting	55835 (IM15-099002)	Portfolio Statement Template Output Settings	Fixed a defect in portfolio statement Zero Suppression logic for category headers.
ArcReporting	56529 (IM15-114149)	Project	Fixed a defect wherein the project export did not provide data for statements containing output rules.
ArcReporting	56873 (IM15-029012)	Category Libraries	Fixed a defect in the Category Caption import, when loading multiple category codes (i.e., codes separated by commas).
ArcReporting	57016 (IM15-128464)	Portfolio Statement Templates	Fixed a defect in the portfolio statement template export/import/copy process, which skipped settings for Net Assets mapping and superscript tags.
ArcReporting	58078 (IM15-038117)	Financial Workbook Templates	Fixed a defect that caused calculation sheets pulling "Primary Statement" rounding using 000's (suppressed) to show incorrect values.
ArcReporting	58946 (IM15-155945)	Portfolio Statement Templates	Fixed a defect that prevented the import of a portfolio statement template.

Product	RRD ID	Module / Location	Description
ArcReporting	59320 (IM15-137061)	Financial Workbook	Fixed a defect in the Financial Statement Mapping Audit Report, which was missing conditional formula details.
ArcReporting	59981 (IM15-177133)	Text Snippet Usage Report	Fixed a defect in the Text Snippet Usage Report, which produced erratic user interface behavior when accessed via the corresponding link on the Components tab of the Project page.
ArcReporting	61066 (IM15-185916)	Footnote Preview and Assignment	Fixed a defect in portfolio footnotes applied to "stacked" securities.
ArcReporting	61773 (IM15-196188)	Footnote Preview and Assignment	Fixed a defect in footnote auto-symbol generation logic, when footnotes were applied to different data points in the portfolio statement template.
ArcReporting	62455 (IM15-205735)	Financial Workbook Templates	Fixed a defect in the financial workbook template import process, which failed when the import source file contained a category or category library with a database key that did not exist in the target environment.
ArcReporting	63468 (IM15-130572)	Project	Fixed a defect that caused random changes to table style names.
ArcReporting	63469 (IM15-107310)	Project	Fixed a defect that caused template issues after spaces were added in XML attribute values.
ArcReporting	65248 (IM15-253671)	Project	Fixed a defect that prevent <i>Exchange Rate</i> data points from being evaluated.

Product	RRD ID	Module / Location	Description
ArcReporting	65393 (IM15-259726)	Project Templates	Fixed a defect wherein the listing of funds displayed in the spread settings for financial statement nodes was incorrect.
ArcReporting	65666 (IM15-262562)	Tabular Data Templates	Fixed a defect wherein tabular data columns and rows were not created properly, when the currently-selected column/row was <i>1</i> .
ArcReporting	65882 (IM15-252789)	Financial Statement Template Output Settings	Fixed a defect in which repositioning the item(s) in cells of pivoted-orientation financial statements did not output per expectations.
ArcReporting	66718 (IM15-267478)	Portfolio	Fixed a defect pertaining to error messages when adding/deleting currency exclusions.
ArcReporting	68041 (IM15-298932)	Footnote Preview and Assignment	Fixed a defect in the Footnote Preview and Assignment page that prevented column header footnotes from being assigned.
ArcReporting	68390 (IM15-311550)	Text Libraries	Fixed a defect in text snippets wherein data points did not respect the <i>000's (suppressed)</i> rounding level, when values were pulled from calculation sheets.
ArcReporting	68391 (IM15-311550)	Tabular Data Template Output Settings	Fixed a defect in tabular data wherein mapped calculation sheet items did not respect the <i>000's (suppressed)</i> rounding level.
ArcReporting	68392 (IM15-311550)	Custom Data Point Libraries	Fixed a defect in custom data points wherein the <i>Use Fund-level Rounding</i> setting was not respected, when rounding set to <i>000's (suppressed)</i>

Product	RRD ID	Module / Location	Description
ArcReporting	68591 (IM15-240536)	Securities Audit Report	Corrected an issue in which security categorization set to <i>Use Fund Exception</i> was not displaying in the Securities Audit Report.
ArcReporting	68933 (IM15-329583)	Financial Workbook	Fixed a defect wherein, if a section in a multi-column calculation sheet had no "child" items, the sheet became unviewable via the Financial Workbook page.
ArcReporting	80458 (IM15-319754)	Financial Statement Template Output Settings	Fixed a defect in financial zero suppression logic, when used within spreads.
ArcReporting	84280 (IM15-339993)	Portfolio Statement Templates	Fixed a defect that prevented users from assigning the same abbreviation exclusion to multiple portfolio statement templates.
ArcReporting	86472 (IM15-227526)	Text Libraries	Fixed a defect that caused incorrect "bolding" of text when both bold and italics were added to the same string of text.
ArcFiling/ ArcReporting	59587	Holdings Load Profiles	Corrected missing punctuation in the "delete" message associated with the Holdings Load Profiles page.
ArcFiling/ ArcReporting	59943	Project	Fixed a defect which prevented the text snippet <i>Description</i> field on the Project page from refreshing properly.
ArcFiling/ ArcReporting	53014 (IM15-011971)	Portfolio	Fixed a defect in the Holdings dataload wherein batch keys were not created.



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