Release Notes

Axiom Software

Version 2018.1

KaufmanHall

axiom software

Contents

Introduction

Kaufman Hall is pleased to announce the release of **Axiom Software Version 2018.1**. In this release, we introduce a new, streamlined way to report on data in Axiom Software: the Report Builder for web reports, a fully web-enabled reporting solution. This release also continues to grow our flexible toolset for Axiom forms, by adding new components for reporting data and enhanced styling options.

Enhancements in this release include:

- The new Report Builder for web reports introduces a new paradigm for reporting:
  - Fully web-enabled: create, edit, and view reports all in the browser
  - Easier and more streamlined process of report creation requires less training and no spreadsheets
  - Display Axiom data using a powerful data grid with built-in features such as grouping, filtering, drilling, and sorting
  - Display key performance indicators using the data-driven KPI Panel component
  - Use refresh variables to allow users to filter data on-the-fly
- Axiom forms have been enhanced with several new features to support robust data display and input:
  - Data Grid component to directly and efficiently query data into the form, and provide built-in grid features like sorting and filtering
  - Data-driven KPI Panel component to easily display and format key performance indicators
  - New styling approach for Formatted Grid components, allowing precise control over formatting for each row and column
  - New lightweight auto-submit option for Formatted Grid components, to enable updating formulas in the grid for user inputs without triggering a full form update
- A new kind of reference table—the KPI table—can be easily created in the Web Client Table Manager and used to provide data to KPI Panel components
- A new set of filtering enhancements includes the ability to save filters for easy reuse in reports and other areas, a new refresh variable to create and apply advanced filter statements, and a new Axiom function to launch the Filter Wizard from a cell in the spreadsheet

Version 2018.1 was originally released on April 2, 2018. This document has been updated for the latest patch release.

IMPORTANT: Although Kaufman Hall strives to maintain backward-compatibility with each release, any upgrade has the potential to interrupt system functionality. The Upgrade Considerations section details known impacts to existing functionality. However, other impacts may be unforeseen at the time of release, or may be particular to your specific system design and configuration. We strongly recommend performing the upgrade first on a test server and then testing system functionality to make sure all critical features are still working as expected.

Overview of new features and enhancements

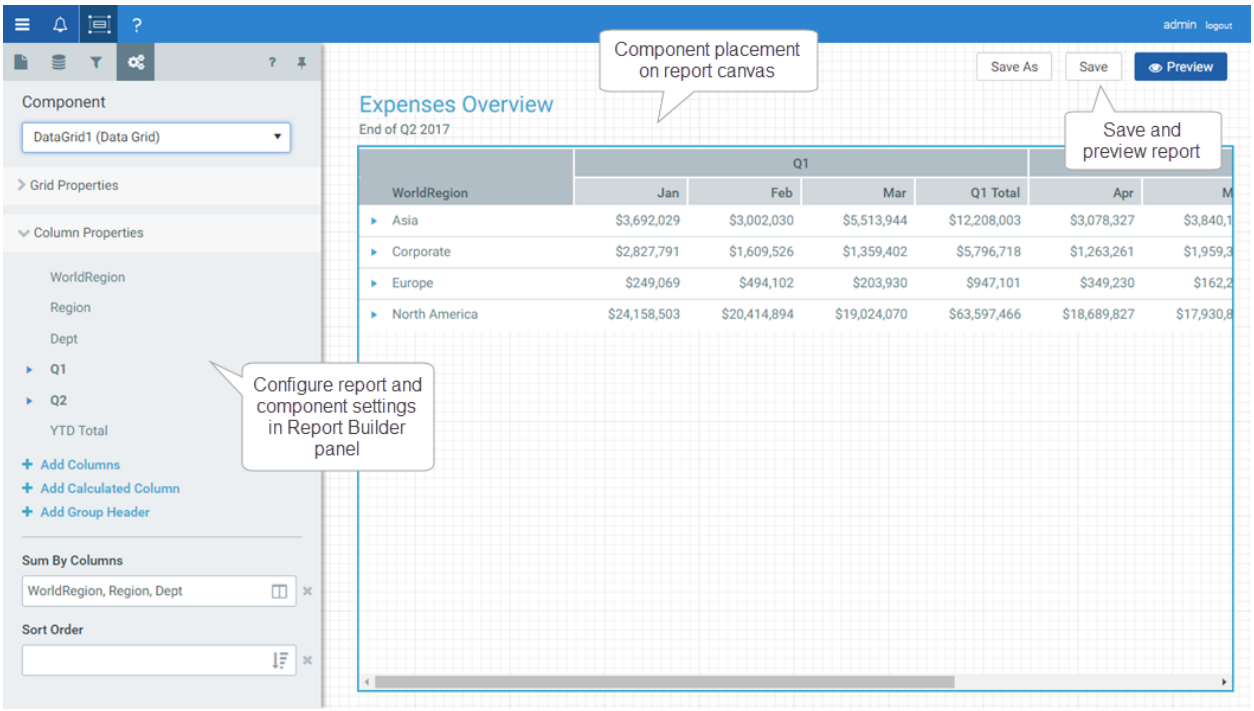
This section provides an executive summary of the features and enhancements in this release. For more information, please see the separate *What's New* document for 2018.1.

New Report Builder to create web reports

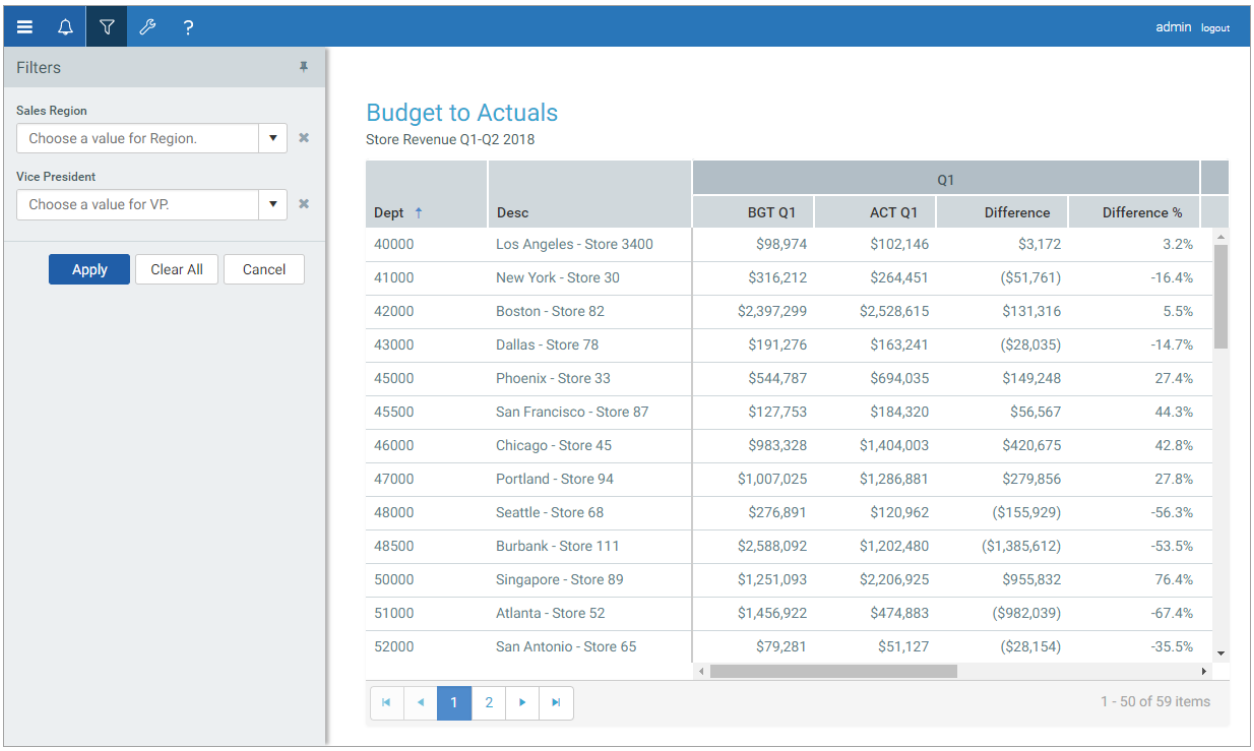
This release introduces a new way to report on data in Axiom Software—the Report Builder, a fully web-enabled reporting option. The Report Builder streamlines and simplifies the report creation process, so that reports can be created more quickly and require less training and technical requirements.

Using the Report Builder, web reports can be created and viewed entirely in the Web Client browser, without requiring any spreadsheet design and without requiring the Desktop Client (Excel or Windows). This greatly expands the available environments for report creation, since the only requirement is a supported browser.

Web reports created in the Report Builder can contain title text, hyperlinks, data grids, and KPIs. The data grid supports a variety of built-in features for users to interact with the data, such as data grouping, drilling, paging, sorting, and filtering. Additionally, you can define refresh variables to allow users to filter the data query for the grid on demand.



Example Report Builder area to create and edit web reports



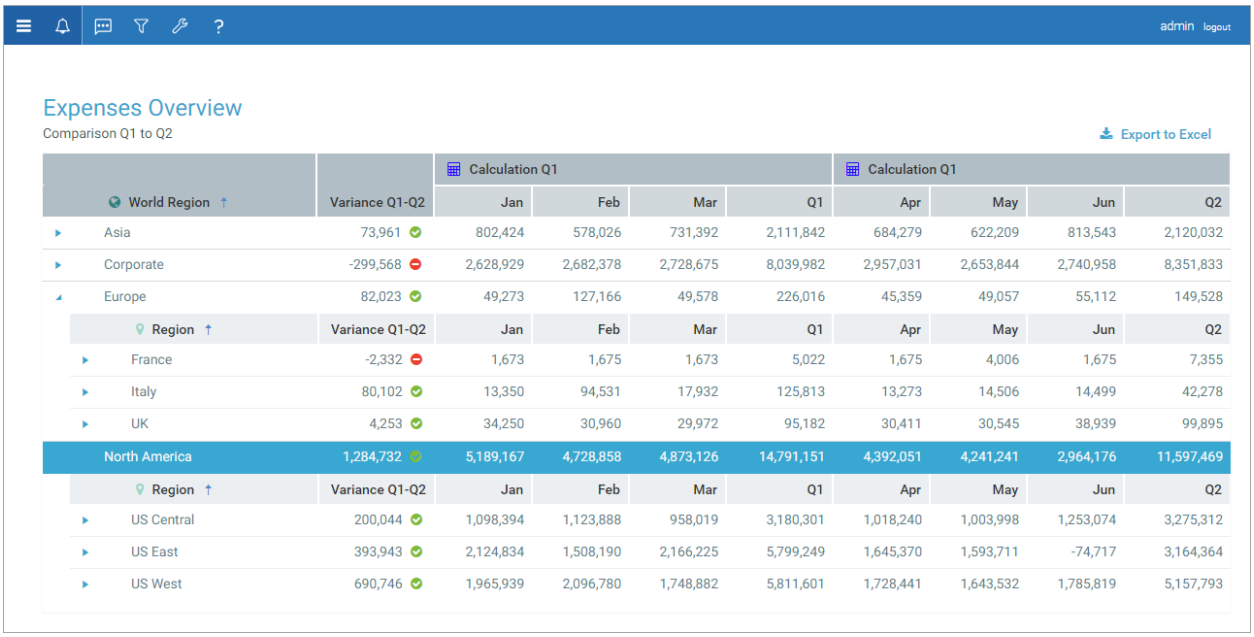
Example web report with refresh variables

Display reporting data in Axiom forms using controlled data grid

A new Data Grid component is available in Axiom forms, to provide an alternative to the existing Formatted Grid component when presenting reporting data. The Data Grid component provides a more direct and efficient means of querying data, as well as a set of built-in features for users to interact with the data, such as:

- Grid sorting and filtering tools
- Ability to display data in expandable / collapsible groupings
- Configurable data paging
- Ability to drill through data using hierarchies or custom drill levels

In addition to grid data, you can display icons in the grid. The icons can be for display purposes—such as to indicate an up or down trend at-a-glance—or they can be used to trigger certain actions. The icons can link to web pages or other web-enabled Axiom files, or they can perform actions such as opening a dialog panel.



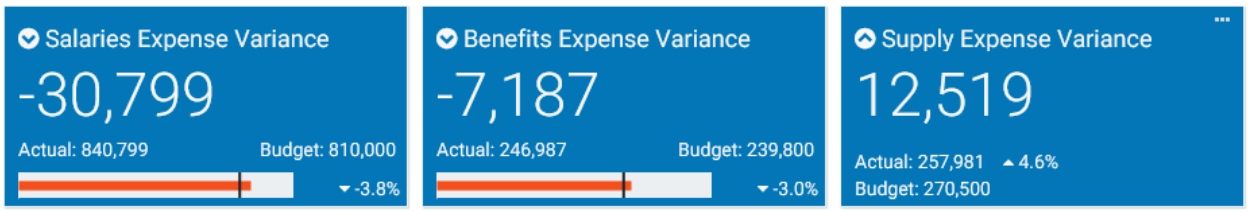
World Region	Variance Q1-Q2	Calculation Q1 Jan	Feb	Mar	Q1	Calculation Q1 Apr	May	Jun	Q2
Asia	73,961	802,424	578,026	731,392	2,111,842	684,279	622,209	813,543	2,120,032
Corporate	-299,568	2,628,929	2,682,378	2,728,675	8,039,982	2,957,031	2,653,844	2,740,958	8,351,833
Europe	82,023	49,273	127,166	49,578	226,016	45,359	49,057	55,112	149,528
Region	Variance Q1-Q2	Jan	Feb	Mar	Q1	Apr	May	Jun	Q2
France	-2,332	1,673	1,675	1,673	5,022	1,675	4,006	1,675	7,355
Italy	80,102	13,350	94,531	17,932	125,813	13,273	14,506	14,499	42,278
UK	4,253	34,250	30,960	29,972	95,182	30,411	30,545	38,939	99,895
North America	1,284,732	5,189,167	4,728,858	4,873,126	14,791,151	4,392,051	4,241,241	2,964,176	11,597,469
Region	Variance Q1-Q2	Jan	Feb	Mar	Q1	Apr	May	Jun	Q2
US Central	200,044	1,098,394	1,123,888	958,019	3,180,301	1,018,240	1,003,998	1,253,074	3,275,312
US East	393,943	2,124,834	1,508,190	2,166,225	5,799,249	1,645,370	1,593,711	-74,717	3,164,364
US West	690,746	1,965,939	2,096,780	1,748,882	5,811,601	1,728,441	1,643,532	1,785,819	5,157,793

Example Data Grid component in an Axiom form

The Data Grid component in Axiom forms is the same underlying component used in web reports. Although the general grid properties are the same, the setup process is different due to the differing environments. The Axiom forms environment also supports some additional grid features that are not yet available in web reports, such as icons. However, once the grid is rendered, the way that users interact with the grid is the same in both environments, providing a consistent user experience.

Easily display key performance indicators (KPIs)

Using the new KPI Panel component, you can now easily display one or more key performance indicators (KPIs) in an Axiom form or in a new web report. Once you define the KPI data using a predefined data structure, this data is automatically formatted and positioned within individual KPI boxes, and the boxes are automatically positioned in the report based on the size of the overall panel. The KPI boxes can use icons and colors, and can also be configured to dynamically perform an action by clicking a button in the top right corner of the KPI—such as to open a supporting file or a dialog panel.



Example KPI Panel showing multiple KPIs

A new kind of reference table is available to hold KPI data for use in the KPI Panel component. The KPI table can be created using the Web Client Table Manager, and contains a set of predefined columns that correspond to the properties used by the KPI Panel component. You can save KPI data directly to this table, and then designate the table as the KPI source for the component. In Axiom forms, KPI Panel

components can also optionally use a data source defined in the spreadsheet, as an alternative to using the KPI table.

Axiom form enhancements

- A new skin is available for Axiom forms, providing the latest Axiom styling. The Axiom2018 skin is now the default skin for new forms.
- You can now precisely control the row and column formatting in Formatted Grid components. Using the new styling approach introduced in the Axiom2018 skin, you can directly specify formatting options such as font size, row height, borders, and colors.
- You can now specify the row height for rows in thematic grids directly, using the new `[RowHeight]` tag in the Grid data source. This tag is optional and is intended to be used in cases where you need to override the row height set by the row style.
- A new lightweight auto-submit option is available for Formatted Grid components, to enable updating formulas in the grid for user inputs without triggering a full form update. This option can improve the performance of large input grids that require this type of immediate update.

Filter enhancements

- You can save common filters to the new Filter Library for easy reuse throughout the application, such as to filter reports or to define security filters. The Filter Wizard now supports saving filters to the library and loading previously saved filters.
- A new refresh variable type, AdvancedFilter, is available to prompt users to create and apply a filter using the advanced view of the Filter Wizard. The filter can be a standard filter criteria statement, or a limit query statement for use in the advanced Axiom query properties.
- You can now launch the Filter Wizard by double-clicking a cell in a spreadsheet Axiom file, using the new ShowFilterWizardDialog function. Just like the AdvancedFilter refresh variable, you can configure the function to create a standard filter criteria statement or a limit query statement.

Additional enhancements

- Scheduler was enhanced to provide the ability to pass variable values when using the Raise Event task, and also to optionally execute iterations concurrently as sub-jobs.
- A new command, Archive Plan Files, is available to convert "live" plan files to static snapshots for viewing only.
- The File Group Rollover command was enhanced so that you can now update an alias as part of the rollover, and optionally execute a designated utility.
- When using Save Type 4 to create or edit security roles, you can now assign the role to a subsystem.

- Some enhancements were made to table column classifications, to improve the default classification for Integer columns and to provide smarter aggregation behavior based on the classification when querying data.
- You can now configure the index scheme for a table, to determine how the table is indexed in the database. This feature replaces the Large Data table classification, as large tables are now indicated by using the appropriate index scheme instead of using a separate table classification.
- The Axiom Software Help files are now located on a centralized web site and are no longer installed locally with the application server. This change reduces the installer size and also allows us to update the help as needed, without requiring customers to install a software update.

Upgrade considerations

Please review the considerations in this section before upgrading to version 2018.1. If you have any questions or if you need assistance with upgrading, please contact Kaufman Hall Software Support.

IMPORTANT: This document details the upgrade considerations when moving from the most recent Axiom Software release of 2017.3 to the new release of 2018.1. If you are upgrading from an earlier version, please also see the release notes for the interim versions for any additional upgrade considerations.

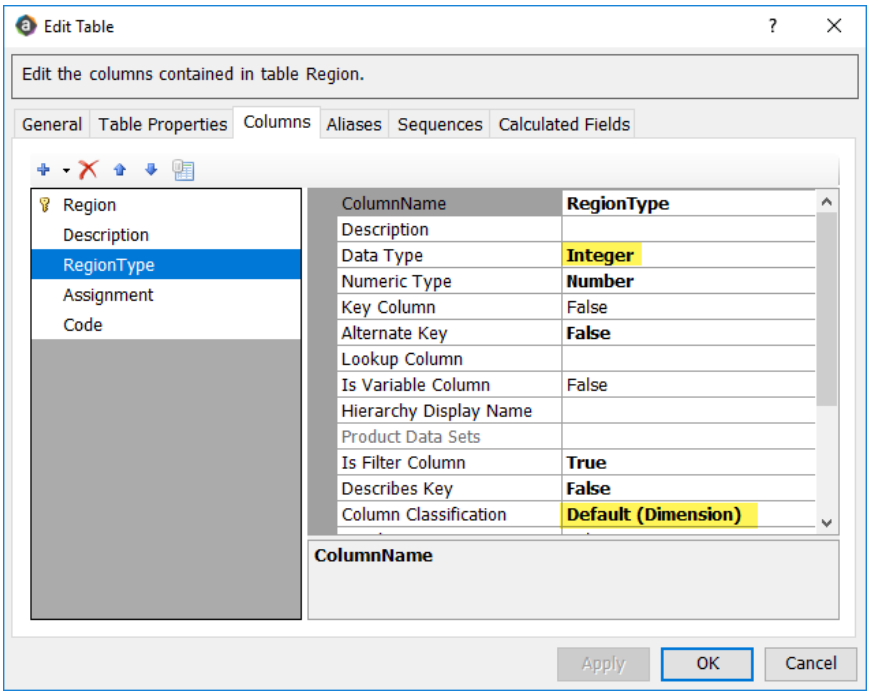
Backward-compatibility considerations

The following backward-compatibility considerations apply when upgrading to version 2018.1.

Changes to default column classification

The **Column Classification** property for table columns is used to classify columns as **Dimension** or **Value**. This classification is used by the Data Explorer to determine whether a column can be used as row or column grouping (Dimension) or as a reportable value column (Value). Columns have a default classification based on the table classification and column data type, which you can override on a per column basis as needed.

Starting in this version, the default classification for Integer columns in reference tables is now Dimension instead of Value. This impacts existing columns set to **Default**, and new columns created after upgrade.



If you have columns like this in existing Data Explorer data sets, this impacts how the columns are used in the Data Explorer. If you want an Integer column to continue to be classified as value, you can edit the column classification to explicitly set it to **Value** instead of using the default behavior.

This change was made because Integer columns in reference tables are more likely to hold dimension or grouping codes rather than data values.

Testing and Review Notes

By itself, this change only impacts customers using the Data Explorer. However, another change was made to the aggregation behavior in data queries that leverages the column classification. See the next upgrade consideration for more information.

If your organization uses the Data Explorer, you can review the column classification for affected Integer columns in the data set to see if you want to adjust the classification. You can also open a Data Explorer and review how the affected columns are treated. However, in the majority of cases the desired column classification for these columns is Dimension, so no change is necessary.

▶ Changes to default aggregation behavior for Integer and Numeric columns in reference tables

The default aggregation behavior for Integer and Numeric columns in reference tables is now based on the **Column Classification** property. This change is intended to improve the default aggregation behavior to provide the desired behavior in the majority of cases, and to provide behavior that is more clear and consistent. This change applies to Axiom queries, GetData functions, and the new Data Grid component.

IMPORTANT: As of patch 2018.1.23 this change is now controlled by a system configuration setting, so that the change does not affect customers on upgrade.

Aggregation refers to how the data query treats multiple values from a column, to result in a single value for each row returned by the query. For example, the query may return the sum of the values, or the maximum or minimum value, or an average value. Data queries use default aggregation behavior to present the data in the most useful way—for example, to sum data columns and return the maximum value for dimension columns. The default aggregation behavior for a column can be overridden in data queries as needed.

In previous versions, non-key, non-validated Integer and Numeric columns in reference tables were aggregated in data queries as follows:

- If the primary table of the query was a reference table, the column was summed.
- If the primary table of the query was a data table, the maximum value was returned.

Going forward, the aggregation behavior for these columns will be determined based on the column classification, regardless of whether the primary table is a reference table or a data table:

- If the column classification is **Value**, the column is summed.
- If the column classification is **Dimension**, the maximum value is returned.

The default classification for non-key, non-validated Integer columns is Value in data tables and Dimension in reference tables. The default classification for Numeric columns is always Value. In the majority of cases, this default classification will result in the desired aggregation behavior. If a particular column should be aggregated differently, you can change the classification to either Value or Dimension instead of using the default behavior. And if you need a column to aggregate differently in a particular context, you can always override the default aggregation behavior using optional features such as AxAggregate for Axiom queries.

Remember, this new behavior does not apply to Integer key columns or validated columns. These columns always return the maximum value by default.

Testing and Review Notes

As of patch 2018.1.23, this change is controlled by the system configuration setting **UseLegacyColumnAggregation**. This setting is **True** by default, which means the previous behavior applies, and customers will not see any change in data queries after the upgrade. We plan to make some further enhancements to the new aggregation behavior in upcoming releases, so we recommend leaving the system configuration setting enabled until these changes are complete.

If you installed an earlier version of 2018.1 and then upgrade to patch 2018.1.23 or higher, the aggregation behavior will be restored to the prior behavior. This means that queries will behave the same way that they did before the upgrade, regardless of the column classification. If you changed the column classification of any columns, this will not affect anything at this time other than the Data Explorer (as described in the previous upgrade consideration), and presumably the change is appropriate for the Data Explorer as well.

Change to the default skin for Axiom forms

The assigned **Skin** for an Axiom form sets the overall styling for the form. This version introduces a new default skin for Axiom forms, named Axiom2018. This skin uses updated colors, removes the concept of themes, and introduces a new, easier-to-use style format for Formatted Grids. For more information on this new skin, see the separate *What's New* document.

This version also changes how the default skin is managed. In previous versions, you could leave the **Skin** property of a form blank, and it would use the default **WebClientSkin** defined in the system configuration settings. Going forward, the skin cannot be left blank in individual forms. When creating a new form, the skin is automatically set in the form to the WebClientSkin value.

When you upgrade, Axiom Software reads your current WebClientSkin setting, and updates any forms with a blank skin to use that setting. If your WebClientSkin setting is blank (which is the default behavior), this means Axiom is the default skin, so your existing forms are assigned to the Axiom skin. This upgrade behavior means that all of your existing forms will use the same skin before and after the upgrade.

If the WebClientSkin setting is blank when you upgrade, it will be set to Axiom2018 so that new forms going forward will use Axiom2018. However, if your WebClientSkin setting is populated with a skin name (such as Axiom or Uniform), then that name is retained and your new forms will continue using that skin.

Testing and Review Notes

Before upgrading, you can check to see what your system is using as the WebClientSkin. To do this, you will need access to the Software Manager, or you can use an Axiom query to the Axiom.SystemConfiguration table. See the discussion in the separate *What's New* document for more information on how to check the WebClientSkin value.

If the ConfiguredValue for WebClientSkin is blank, this means that your default skin was Axiom but now will be Axiom2018 going forward. If you want to start using Axiom2018 for your new forms, then there is nothing further to do. However, if you want to continue using Axiom for your new forms, you should edit the ConfiguredValue for WebClientSkin to be **Axiom**.

If the ConfiguredValue is set to a name, such as Axiom or Uniform, then your system already has an explicitly specified default skin which will be retained on upgrade. New forms will continue to use this default skin going forward. If this is the case, we recommend that you consider migrating to the new Axiom2018 skin sometime in the near future, to have access to all of the latest styles and features.

Column validation for Save Type 4

Save Type 4 provides a way to automate updates to certain system tables instead of using the software user interface. When executing Save Type 4, Axiom Software now validates the entries in the SaveStructure2DB control row, to ensure that all entries are valid columns for saving. If an invalid column name is detected, an error occurs and the save process stops before any changes are saved to the target table. This change was made for consistency with other save processes, and also to assist in file creation and troubleshooting (to quickly identify errors in the control row).

In previous versions, Save Type 4 ignored any invalid entries in the SaveStructure2DB control row. Therefore it is possible that you may have Save Type 4 utilities that worked in previous versions but will

now fail with an error (due to accidental invalid entries in the control row). If this error occurs, locate the invalid column entry identified in the error message and remove it from the control row.

Testing and Review Notes

After upgrading, you can execute a save in any Axiom files that use Save Type 4 to ensure that they still execute without error. If you are not sure whether a file uses Save Type 4, look for the tag `[SaveStructure2DB;TableName]`, where *TableName* is an Axiom system table such as Axiom.Aliases or Axiom.Columns.

Product-controlled imports and exports are now read-only

Certain Axiom Software assets that are installed by a product package are read-only in customer systems and cannot be changed by the customer. This "locked" behavior is to help enforce product standardization and quality control.

The following assets are now read-only if they are installed by a product package and if they are configured to be replaced on product installation: import and export utilities. These read-only files can still be copied to create customized versions as needed.

Additionally, the previous behavior that locked all product-controlled assets in the Reports Library has been changed. Now, only Axiom report files are locked. Other file types in the Reports Library, such as Word or PowerPoint files, will not be locked.

For more information, please see the separate documentation provided for the products installed at your organization.

Testing and Review Notes

There is nothing to test or review from the customer side. If your system does not have installed product packages such as Healthcare Budgeting or Healthcare Capital Planning, this change does not apply to your system.

Column references when using an Axiom Query as a data source for a combo box

Axiom Software supports several features that can use Axiom queries directly as a data source:

- ComboBox and RadioButton refresh variables
- ComboBox component in Axiom forms
- Select tag for Formatted Grid components in Axiom forms

Some optimizations were made to the process that reads the Axiom query setup in order to generate the data for the combo box (or radio buttons). As a result, the column references in the feature configuration must match the column references in the Axiom query field definition.

For example, if the display format for a combo box uses fully qualified Table.Column syntax (such as Dept.Region), then the Axiom query field definition must also use fully qualified syntax. If the Axiom query uses column-only syntax (such as Region), the combo box may not populate. In most cases this requirement only applies to additional columns, not the selected value column.

Testing and Review Notes

The majority of customers should be unaffected by this change, either because they are not using this specific combination of features, or because the feature configuration already meets this requirement.

If you know that you have files that use this combination of features, then you can review these files to check the configuration or simply test that the features are still working as expected after upgrade. If any issues are encountered, updating the Axiom query field definition to use fully qualified Table.Column syntax should resolve the issue.

Removal and replacement of Large Data table classification (2018.1.55)

The Large Data table classification was intended for tables that contain very large sets of data—from hundreds of millions to billions of rows. To improve performance for these tables, a special indexing scheme was applied and certain features were restricted. While the concept of "large tables" is still needed, we have decided to change how these tables are specified, to provide more flexibility in how they can be used.

As a result, the Large Data table classification no longer exists. Instead, large tables are specified by setting the new **Index Scheme** table property to **Large Table**. Removing the separate table classification means that regular data tables and large tables can now belong to the same table type, which may streamline security configuration for these tables. Additionally, reference tables can now be configured as large tables.

When you upgrade, if you have any tables or table types using the Large Data classification, they will be updated as follows:

- Table types using the Large Data classification are converted to using the Data classification.
- Tables using the Large Data classification are converted to using LargeTable index scheme.

Testing and Review Notes

This change only affects how "large tables" are identified and created. With the exception of the table classification change, the tables will behave the same before and after the upgrade. Because these large tables can now be in the same table types as other data tables, you may decide to move the large tables to other existing table types after the upgrade, and delete the former Large Data table types.

Changes to advanced system configuration settings (2018.1.55)

A few advanced system configuration settings have been removed or changed in this release. The following system configuration settings have been removed:

- **UseInMemoryTempTable**: Testing has determined that this option does not noticeably improve performance, and it has been removed.
- **CreateClusteredColumnStoreIndexOnTemporaryTables**: Axiom Software now automatically applies column store indexes on temporary tables if possible, so this option is now obsolete and has been removed.

- **CreateNonClusteredColumnStoreIndexOnTemporaryTables**: Axiom Software now automatically applies column store indexes on temporary tables if possible, so this option is now obsolete and has been removed.

Additionally, testing has indicated that setting **UpdateStatisticsDuringSave** to **True** is unnecessary and could potentially impact performance in some systems. We have changed the default setting of this option to False. On upgrade, any existing configured setting for this option will be removed, so that all systems now use the default of False. However, the option is being retained so that it can be enabled if it is determined to be helpful in certain rare cases.

Testing and Review Notes

There is nothing to test or review from the customer side. These are all advanced system configuration settings that do not impact most installations and would have only been modified while working with Kaufman Hall Software Support.

Potential impacts on end users

This section summarizes the potential impacts to your end users when upgrading to version 2018.1. This list is provided to help you understand changes that you may need to communicate to end users. You may also need to update your internal documentation.

- If you are using the Form Help component to display custom help text in Axiom forms, the current help code now displays in small font in the top right of the panel.

NOTE: "End users" refers to users who work with plan files and reports that have been built for them. These users do not perform any file setup activities or administration activities. It is assumed that Master System Users will fully review the release documents to understand changes that may affect them and other power users.

Installation and technical notes

Database upgrade requirements

The upgrade to version 2018.1 requires the Axiom Software database to be at any version of 2017.x. Therefore if your system is 2016.4 or earlier, you must first use any 2017.x Software Manager to upgrade your database. After that, you can use the 2018.1 Software Manager to upgrade your system as normal. You can obtain a 2017.x Software Manager by downloading the installation ZIP package from the Kaufman Hall Support site, or contact Kaufman Hall Software Support for assistance as needed.

This note primarily applies to on-premise installations. If you have a Cloud Service system, Kaufman Hall Software Support will take care of the necessary updates when upgrading your system.

Updated iPad app

A new version of the Axiom Software iPad app is available to provide support for viewing web reports in the app. Web reports stored in the Reports Library are available in the Report Forms section of the app, and can be opened, viewed, and edited from this location (based on user permission to the files).

If you are using the older version of the app, it is necessary to update the app to the latest version if you want to view web reports.

Microsoft Excel 2010 support

Microsoft Excel 2010 is no longer officially supported for use with the Axiom Excel Client or with Axiom Scheduler Server. Excel 2010 is an older version that is no longer commonly used by our customer base, and mainstream support is no longer provided by Microsoft.

Please note that at this time we have not made any changes to Axiom Software that would cause it to stop operating in Excel 2010, so if you do happen to be using it, we anticipate that Axiom Software will continue working as it has been in previous releases. However, we have decided to discontinue official support in order to better focus our development, support, and testing efforts on more current and commonly used software versions. Because future releases may introduce breaking changes for Excel 2010, we strongly recommend discontinuing its use with Axiom Software as soon as it is feasible.

Fixed issues

The following issues were fixed in version 2018.1.

Item	Description
14581	Issue: The Web Filter Wizard does not honor the Is Filter Column property. Status: The Web Filter Wizard now honors this property and hides columns where Is Filter Column is set to False.
15460	Issue: In the Web Client Process Directory, the By Current Owner list is sorted by database ID instead of user name. Status: The list is now sorted by user name.
16236	Issue: The QA Diagnostics test for circular references can incorrectly identify a valid formula as a circular reference. Status: The test was incorrectly identifying the sheet name for certain cell references, causing false positives. The test has been updated to use the correct sheet names.
17898	Issue: When using the Edit in Spreadsheet option for Formatted Grid components, pasting data sometimes does not work as expected. Status: Pasting should now work as expected for typical pasting operations.

Item	Description
17920	Issue: When using the Edit in Spreadsheet option for Formatted Grid components, tabbing through cells sometimes does not work as expected. Status: Tabbing should now work as expected to move through cells in the grid.
18125	Issue: When a file group with triggers is cloned, column references used in the trigger variables are not updated to point to the new plan code table. Status: The file group cloning process now attempts to update the column references in the trigger variables along with all other column references in the file group settings. If the assigned column exists on the new plan code table, the trigger variable is updated to point to that table. If the assigned column does not exist on the new plan code table, the trigger variable loses its column reference.
18237	Issue: Table types do not support the Unicode option for string columns, causing errors when string columns are used as required columns. Status: Table types now support the Unicode option for required string columns.
18417	Issue: If the file group display columns contain a validated column, the plan file list in the Restore Plan Files dialog fails to display. Status: This issue should no longer occur.
19612	Issue: A save-to-database process can fail if the user has a write filter that uses a lookup path, and the lookup path contains the original table name. Status: This issue should no longer occur.
19617	Issue: In certain environments, an Excel instance remains open on the client after the Axiom Excel Client is closed. Status: This issue should no longer occur.

Appendix: Version 2018.1 Patches

This section details the fixes and enhancements in patch releases for Version 2018.1. For assistance with any patch, please contact Kaufman Hall Software Support at 888-543-6833 or support@kaufmanhall.com.

Current patch: 2018.1.66

The following issues were fixed in this patch:

- 31405: In some cases, when a cloud system is upgraded, an error may occur regarding a missing assembly file.

This release includes an updated publisher certificate for Axiom Software, to replace the previous certificate that expires in February 2019. Note the following:

- If your organization has configured Microsoft Excel to require add-ins to be signed by a trusted publisher, then you must install the new certificate on client machines in order to run the Axiom Excel Client. Kaufman Hall Software Support can provide this certificate to clients on request.
- When installing this client update, some users may encounter the Windows SmartScreen prompt due to an unknown publisher. If this occurs, adding your Axiom Software application server URL as a trusted site should eliminate this prompt.

Previous 2018.1 patches

Axiom Software patches are cumulative. All fixes and enhancements included in prior patches are included in the current patch.

Patch 2018.1.65

The following issues were fixed in this patch:

- 30904: Axiom forms fail to load within the Desktop Client after installing Windows Update 1809.

Patch 2018.1.64

The following issues were fixed in this patch:

- 29332: Loading Axiom Software can fail in systems that have many tables.

Patch 2018.1.63

The following issues were fixed in this patch:

- 25575: In certain cases, errors may occur trying to create the temp table for data saves in cloud systems.

Patch 2018.1.62

The following issues were fixed in this patch:

- 25353: An error occurs when attempting to search a plan file directory in the Web Client.

Patch 2018.1.61

The following issues were fixed in this patch:

- 25219: An Axiom query can group data incorrectly in a rare circumstance where the query includes multiple data tables and uses column filters with unqualified column names.

Patch 2018.1.55

IMPORTANT: This patch contains significant enhancements, similar to a minor software release. The Release Notes and What's New documents have been updated for these enhancements.

The following enhancements were made in this patch:

- KPI-related enhancements:
  - You can now create a special kind of reference table to store KPI data for display in KPI Panel components. KPI tables are created using the Web Client Table Manager, and contain a set of required columns that correspond to the properties used by KPI Panel components.
  - KPI Panel components can now be used in the Report Builder for web reports. A new template, KPI Template, can be used to create web reports with a KPI Panel.
  - In Axiom forms, KPI Panel components can now optionally use a KPI table instead of a data source defined in the spreadsheet.
- Report Builder enhancements:
  - Grid and Combo Box refresh variables can now have default values that are applied when the file is opened.
  - The syntax `{rv:VariableName}` can be used in Label components to reference the current value of a refresh variable.
  - When using table and column chooser dialogs, if you use the toggle to switch between folder and table view, your selection is now remembered.
  - When searching in table and column dialogs, the search now matches just on table names. If no table name matches are found, it will match columns that look up to the table.
- A new command, Archive Plan Files, is available to convert the "live" plan files in a file group to static snapshots, for viewing only.
- You can now optionally assign roles to subsystems when using Save Type 4 to Axiom.Roles.
- When using the Form Help component, the current help code now displays in small font in the top right of the help panel.

- When exporting data to a spreadsheet from a Data Grid component, default number formatting is now applied based on the column data type.
- When using the new lightweight auto-submit option for Formatted Grid components, other input cells are now also eligible to be updated when a change is made to an input cell.
- Tables can now be assigned a specific index scheme that controls how the table is indexed in the database. The LargeTable index scheme replaces the previous Large Data table classification. On upgrade, existing Large Data tables will be converted to regular data tables that use the LargeTable index scheme. See Removal and replacement of Large Data table classification (2018.1.55) for more information.
- Axiom Software now automatically applies columnstore indexes to temporary tables if possible, to improve performance. As a result, several advanced system configuration settings that are now obsolete have been removed.
- When the primary table of an Axiom query is a reference table, the Columns / Aliases section of the Sheet Assistant now displays data tables that are eligible to be included in the query.
- When using an export utility to create a delimited file, you can now optionally compress the export file. The export file is saved to the destination folder as a ZIP file.

The following issues were fixed in this patch:

- 18670: If the button group name has a space, the form does not update for radio button changes.
- 21798: In the Web Client, if you type into the filter box of a multi-select Grid refresh variable very quickly, the return results may be incorrect.
- 23153: If a table has a self-referencing lookup, the validated column shows with an expander toggle that does nothing.
- 23154: When the primary table is a reference table, lookup tables in data tables cannot be expanded in the Add Columns dialog for the Data Grid component.

Patch 2018.1.24

Fixes were made to an internal tool. No customer-facing fixes were included in this patch.

Patch 2018.1.23

The 2018.1 change to use the column classification to determine default aggregation behavior for Integer and Numeric columns in data queries is now controlled by the system configuration setting UseLegacyColumnAggregation. By default this setting is True, which means that the new behavior is not applied. Queries will behave the same as they did in previous versions of the software. See Changes to default aggregation behavior for Integer and Numeric columns in reference tables for more information.

Patch 2018.1.22

The following issues were fixed in this patch:

- 23347: The Desktop Client loads in English when launching the client on a workstation running a supported language (such as French or Swedish). Additionally, the language override syntax does not work if the override language is the primary language used by the workstation.

Patch 2018.1.21

The following issues were fixed in this patch:

- 23029: Role assignments in plan file processes do not honor use of filter variables on the role, such as `{CurrentUser.LoginName}`.