ProAdmin®
by WinTech

What's New in version 3.21

April 2025

ProAdmin version 3.21 introduces the user-defined error and warning detailed calculations, the ability to import data from Excel, the #MAXLS operator to access the IRS 415(b) maximum lump sum benefit, enhanced comparison detail, and deep erase. Full details plus many other new features are described below.

Interface

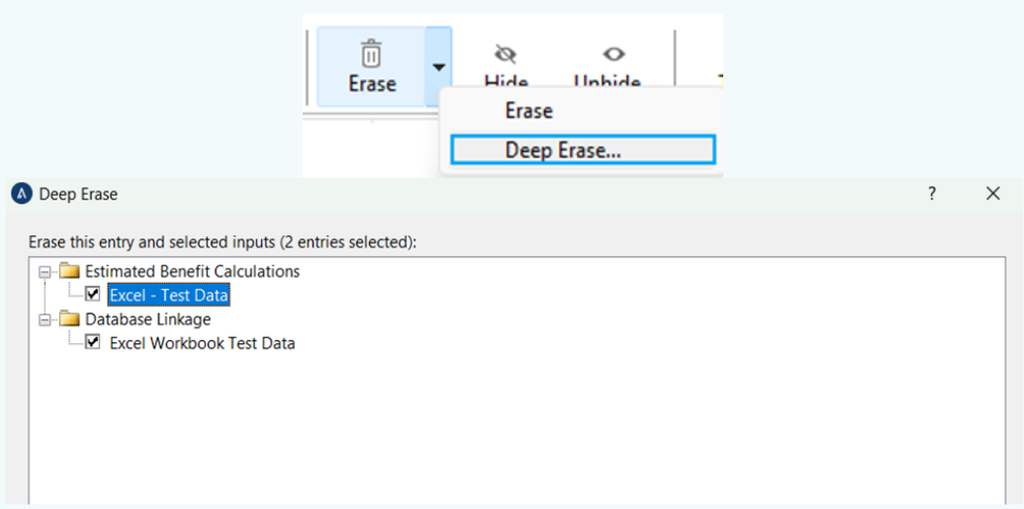
Enhanced Comparisons

- Differences are now color coded to make them easier to see. You will see this when comparing entries as well as when viewing the change history for an entry.

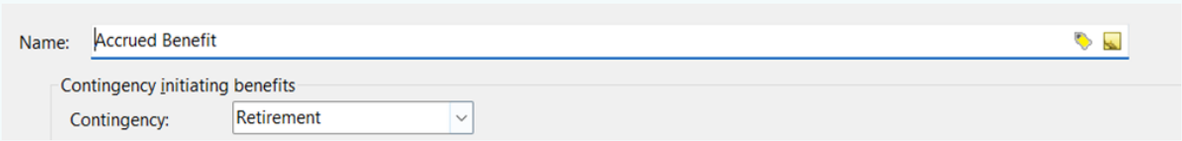
```
    Comparison key:
    ---------------------------------------------------
[-] Ret - Traditional Plan Retirement - Limited
[+] Ret - Traditional Plan Retirement - Unlimited
    ---------------------------------------------------

    ------------------------------------------------------------------------------
    Benefit Definitions - Pension
    ------------------------------------------------------------------------------

[-] Name:  Traditional Plan Retirement - Limited
[-] Date last modified:  April 16, 2024  12:48 (reflects changes to referenced objects)
[-] Date created:        August 3, 2004  10:45
[+] Name:  Traditional Plan Retirement - Unlimited
[+] Date last modified:  August 9, 2023  15:01 (reflects changes to referenced objects)
[+] Date created:        October 5, 2006  14:55
```

- When comparing more than 2 items, you can now specify the order of all entries. Previously you could only specify which entry was listed first. (The initial order is still set by the sort order of the library you're comparing entries in.)

Deep Erase. Deleting entries in bulk is now more efficient and intuitive. Simply select an entry and then click Erase > Deep Erase. This not only lets you delete the selected entry but also gives you the option to delete its inputs too, as long as they aren't referenced elsewhere in your ProAdmin client.

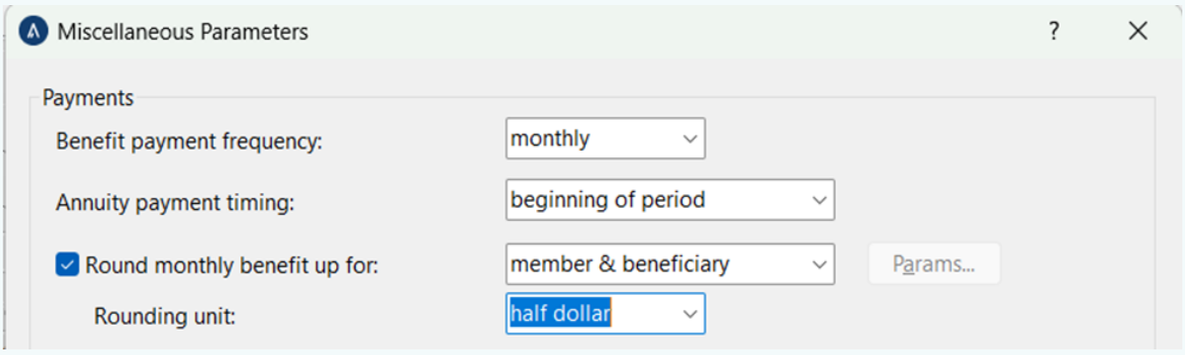


Tags and Notes for library entries are now easier to edit and access – either for selected entries in the library or within an individual entry. This means you don't have to stop what you're doing to jot down a note or tag. This also means Notes can now be edited (or deleted) for multiple entries at once. If you haven't used tags and notes, tags are a great way to group like entries together and notes are a great place to keep supplemental information or reminders.

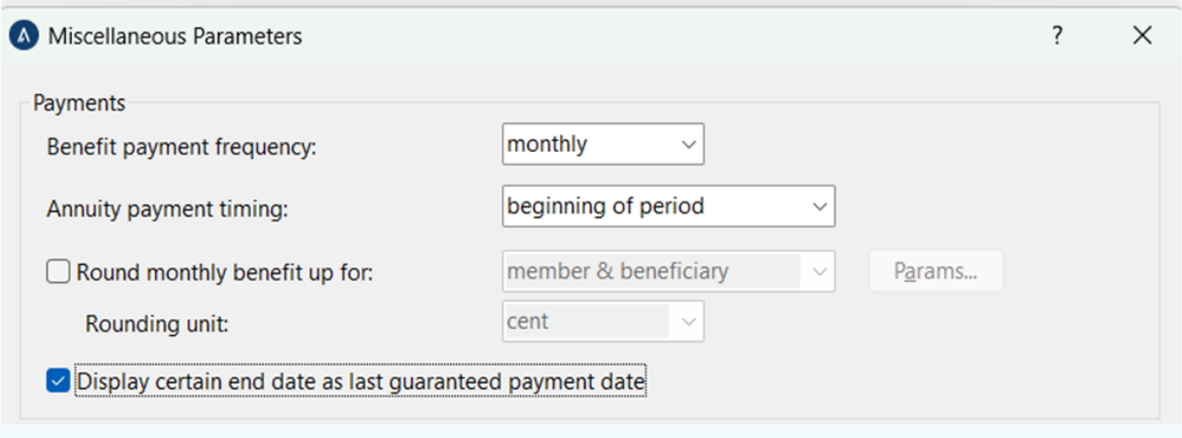


Plan Definitions

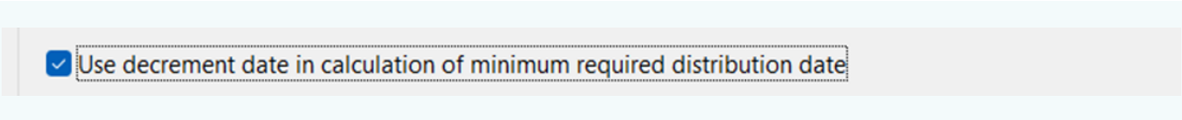
Round Monthly Benefit Up for was improved to allow for rounding the benefit up to cent, half dollar, or dollar. In addition, you can use a coded field to set more complex group rounding.



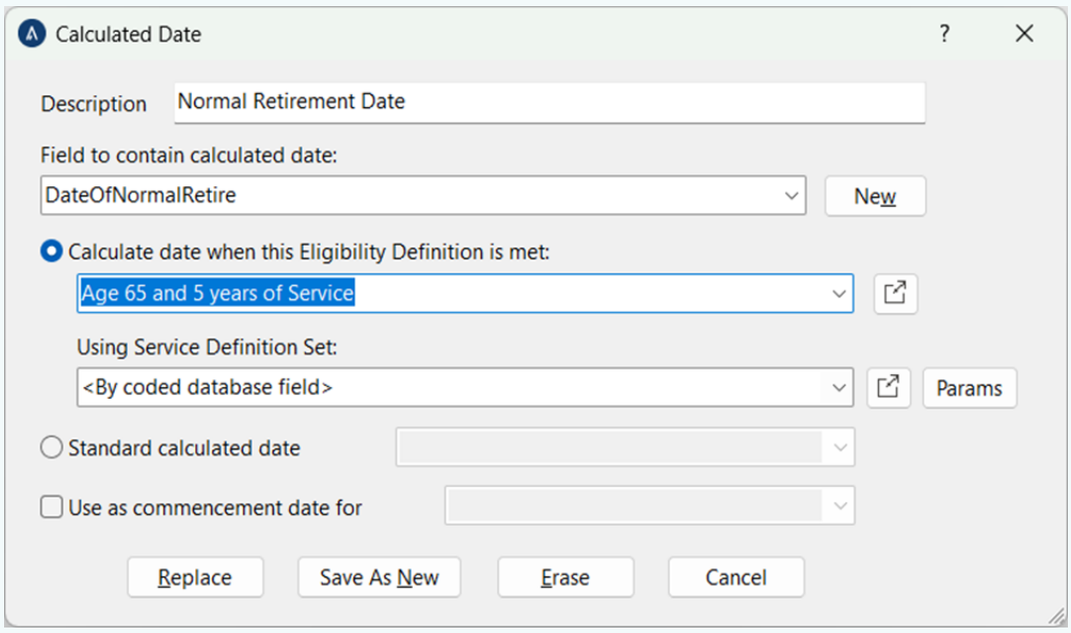
Certain Period End Date. On the Miscellaneous Parameters dialog box, you can now define the certain period end date as the last guaranteed payment date. Otherwise, ProAdmin shows the first of the month following the certain period. For example, the end date for a ten (10) year certain period that began on 01/01/2020 defaults to 01/01/2030, but when this new parameter is checked, the date displayed is 12/01/2029.



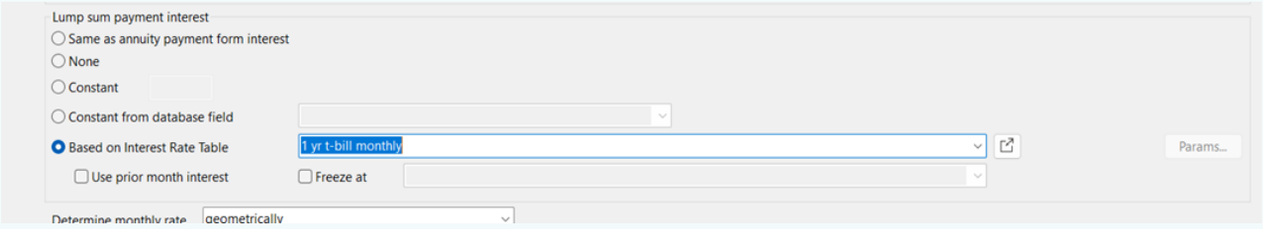
Consider #DODEC for MRD calculation. On the Miscellaneous Parameters dialog box, you can now reflect the termination date in the calculation of minimum required distribution date standard output item.



Calculated Dates now have the option to vary the Service Definition Set by a coded database field.



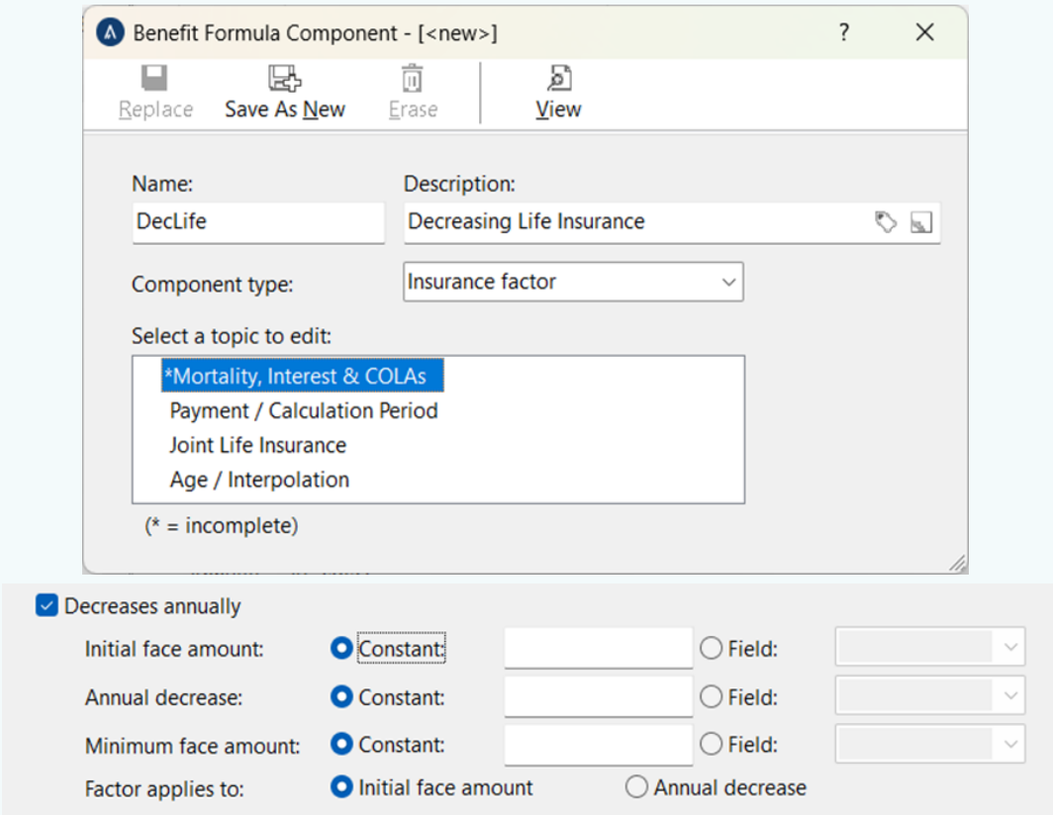
Retroactive Payments can now reflect different interest assumptions for annuities and lump sum payments.



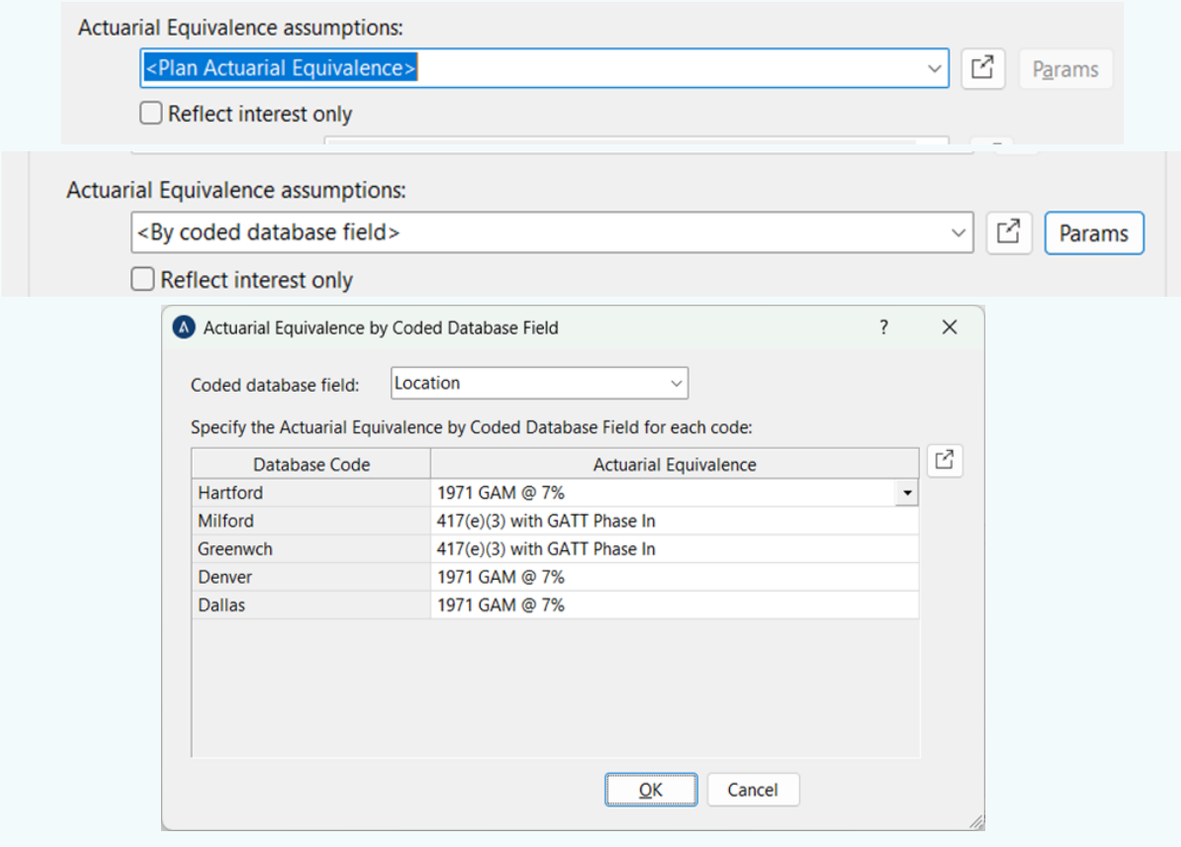
Benefit Formula Components

#MAXLS x is a new Benefit Formula Operator that calculates the U.S. IRC Section 415(b) maximum lump sum benefit based on the plan actuarial equivalence and U.S. regulatory data assumptions. The right argument represents the deferral age, or 0 if immediate.

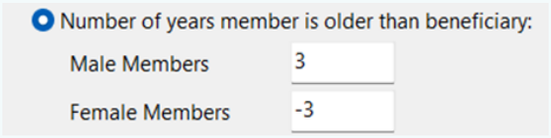
Life Insurance. A new component will calculate an insurance factor. The available parameters are almost identical to those for annuity factors and they include a full set of decreasing insurance options.



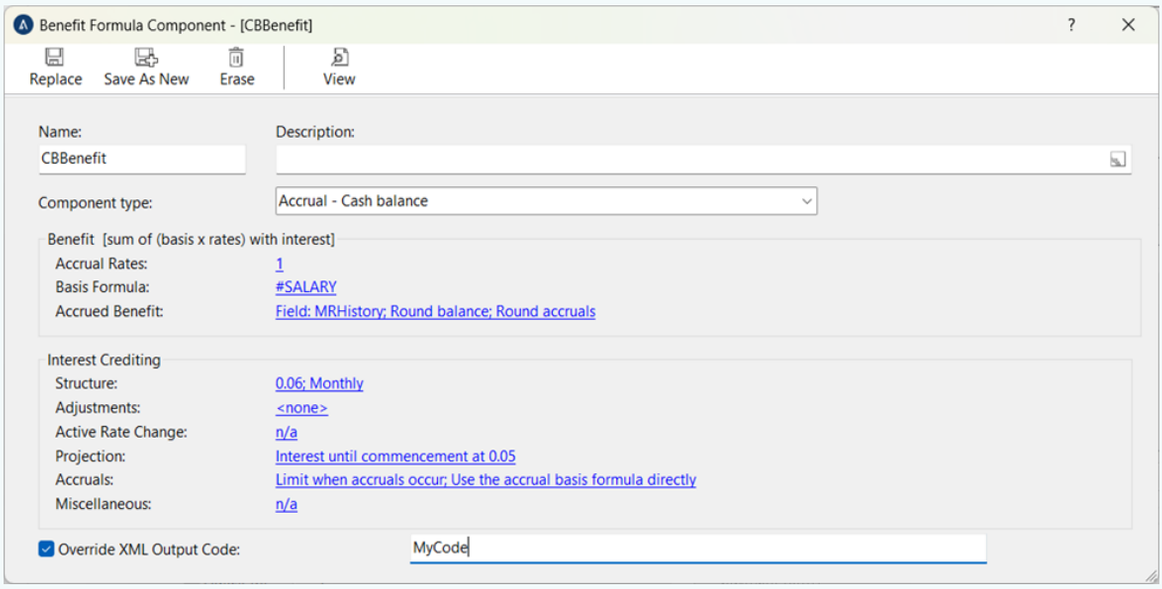
Late Retirement components have two new options for defining actuarial equivalence: the Plan Actuarial Equivalence can be referenced directly or assumptions by coded field can be defined.



Age difference reframed from “husband/wife” to “member/beneficiary”.

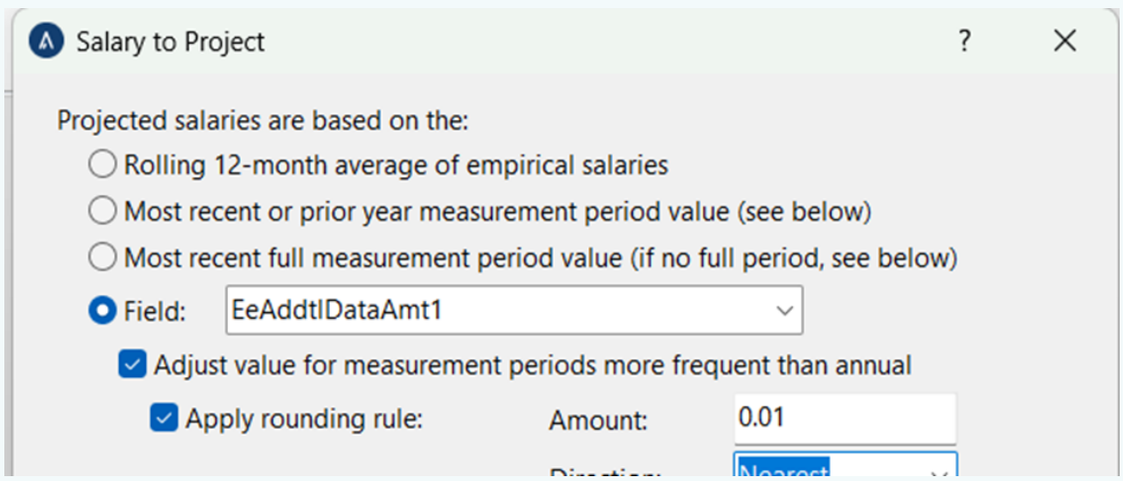


XML Output Code. You can now override the XML output code for the benefit details output of an Accrual Definition or Late Retirement component.

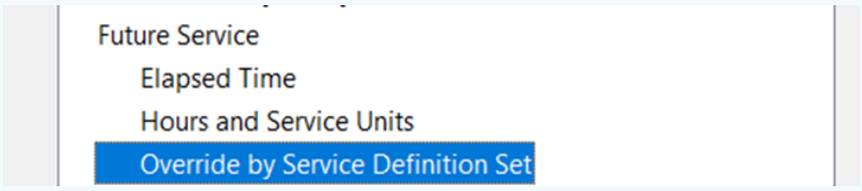


Projection Assumptions

Salary to Project now allows you to define rounding for fields adjusted for measurement periods more frequent than annual.

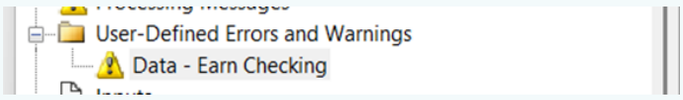


Override by Service Definition Set allows you to have differing projection assumptions for the Service Definition Set. For example, you want vesting service to be based on an assumed hours but, all other service definition sets should be based on elapsed time. annual.

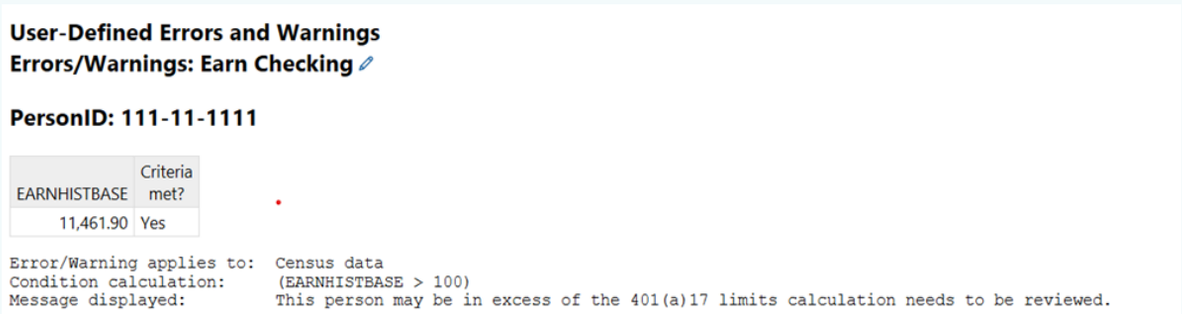


Calculation Results

User Defined Errors and Warnings is a new section on the menu tree.



This section lists all the errors and warnings that were evaluated for the calculation, and when an entry is selected, a new exhibit showing how the error or warning was developed displays. For example:



User-Defined Errors and Warnings
Errors/Warnings: Earn Checking

PersonID: 111-11-1111

EARNHISTBASE	Criteria met?
11,461.90	Yes

```
Error/Warning applies to:  Census data
Condition calculation:     (EARNHISTBASE > 100)
Message displayed:         This person may be in excess of the 401(a)17 limits calculation needs to be reviewed.
```

Benefit Formula Component Types. When viewing the benefit formula components, the menu tree now shows the accrual type (i. e. Accrual – Final Average).

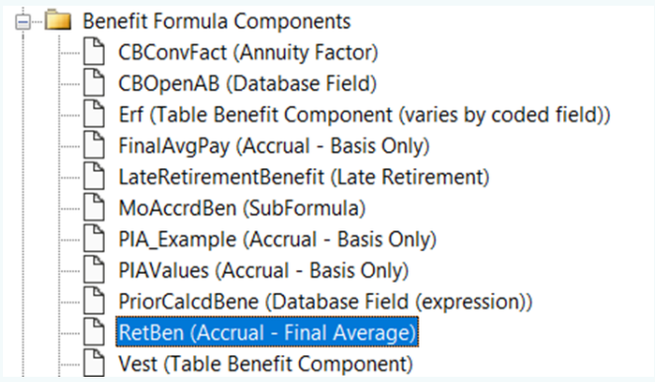
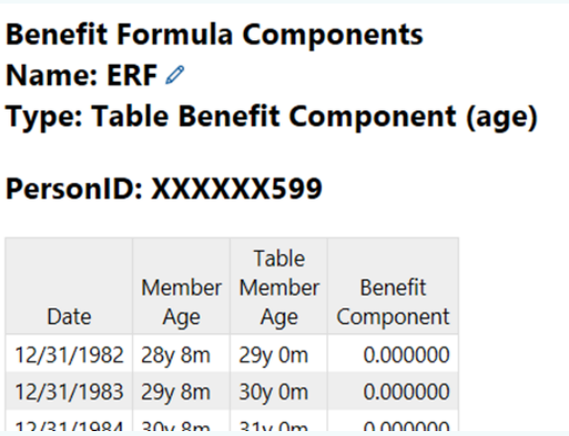


Table Type is now included in the header when viewing benefit component, accrual basis component and conversion tables.



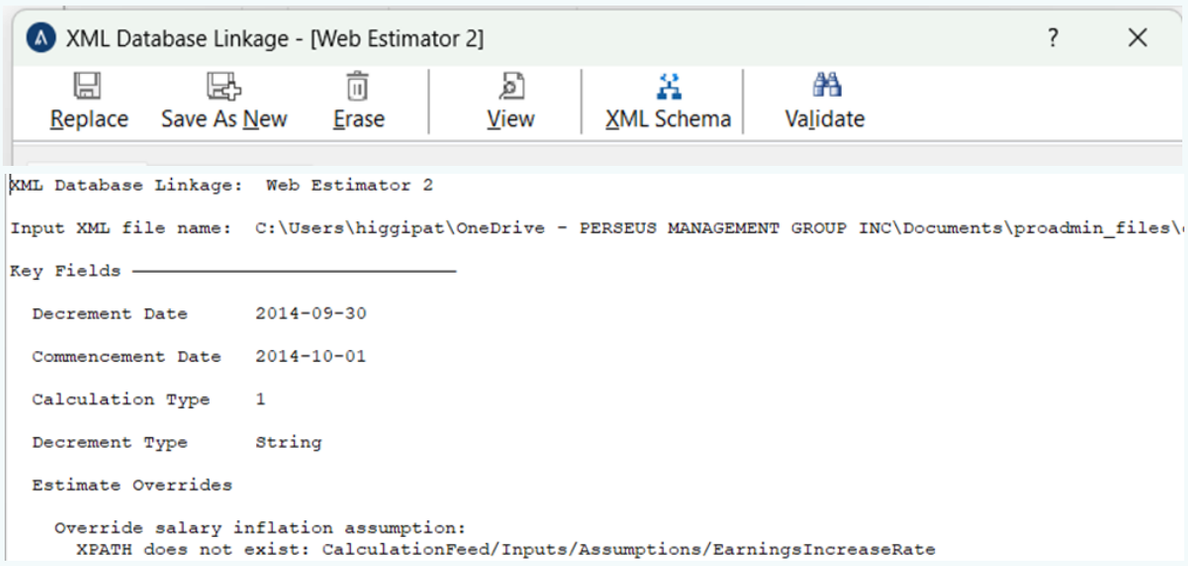
Benefit Formula Components
Name: ERF
Type: Table Benefit Component (age)

PersonID: XXXXXX599

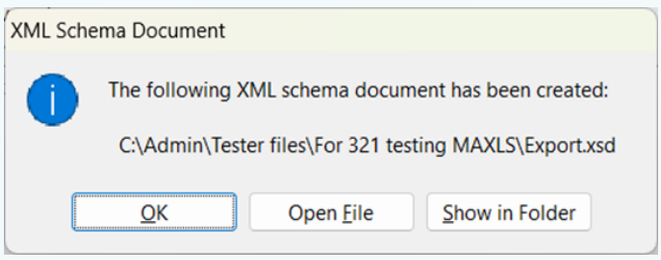
Date	Member Age	Table Member Age	Benefit Component
12/31/1982	28y 8m	29y 0m	0.000000
12/31/1983	29y 8m	30y 0m	0.000000
12/31/1984	30y 8m	31y 0m	0.000000

Data Linkages

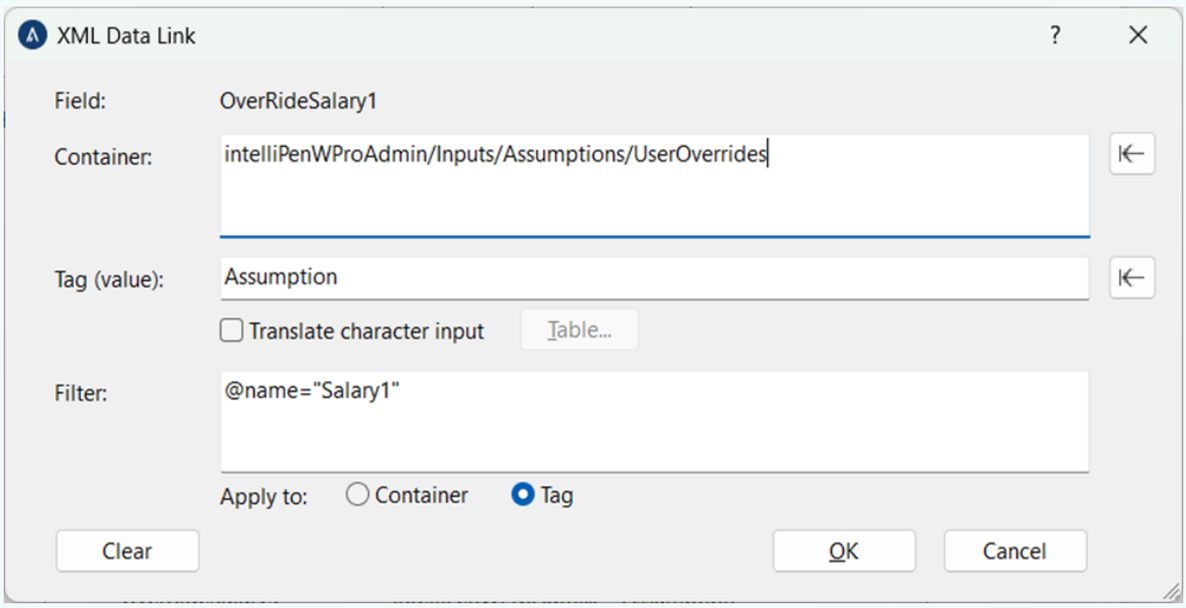
XML Database Linkage. A Validate option is now available for XML Database Linkages. Validation tests the field mappings and will allow you to validate an XML record. Unlike a calculation where only the data needed for the calculation is retrieved, this validation returns all mapped fields from the record.



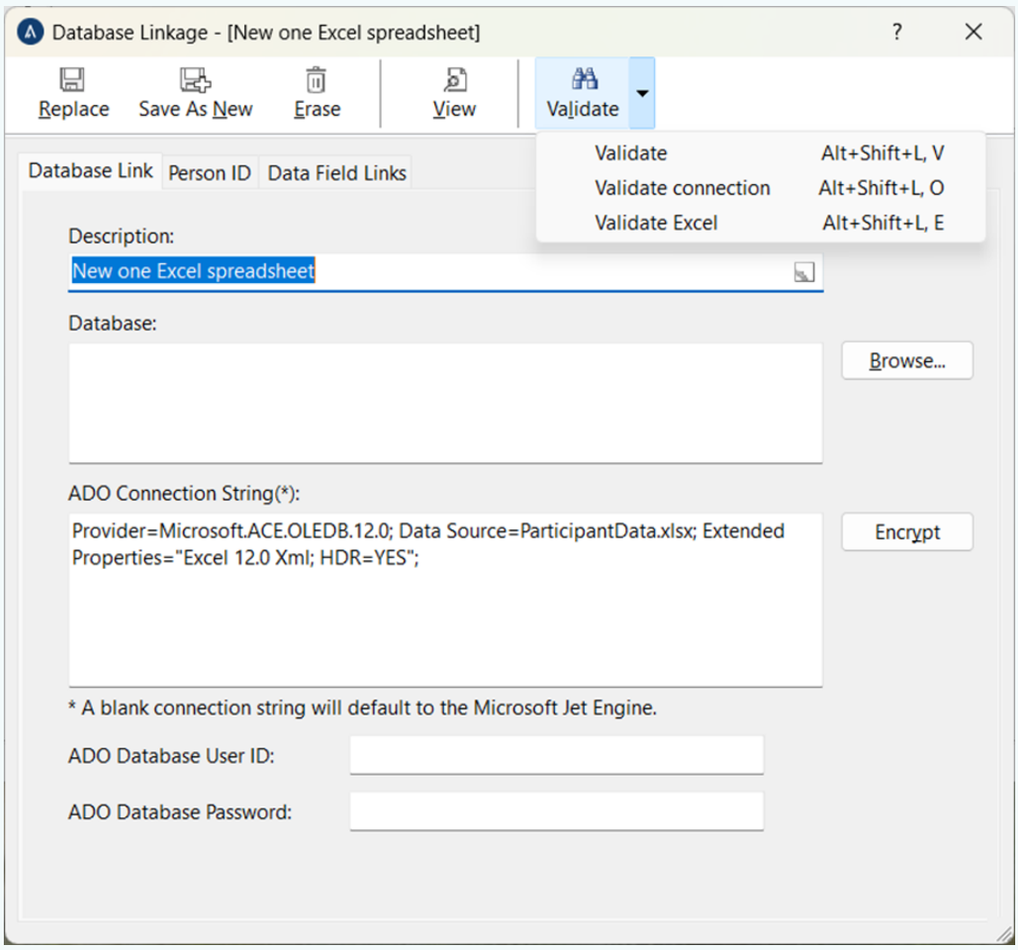
Extracting XML Schema. When you successfully export a schema (for an XML Database Linkage or XML Output Linkage), you are now given the opportunity to open the newly created file or open the directory that contains the newly created XSD file.



Filter. The filter for XML Database Linkage Data Field Links can now accept and filter on attributes within the tag, not just the tags within the container.

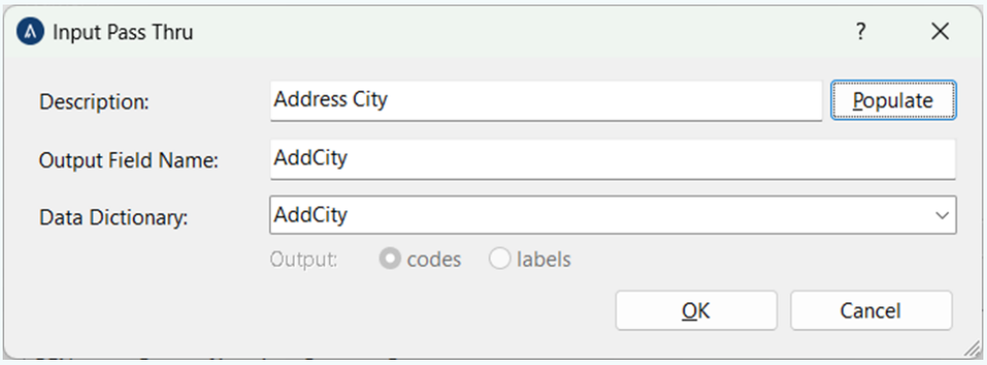


Validate Excel. A validate for Excel option is now available as a choice under the Database Linkage Validate. This tests the integrity of the file and data validity. For example, it will flag mixed data types within a column.

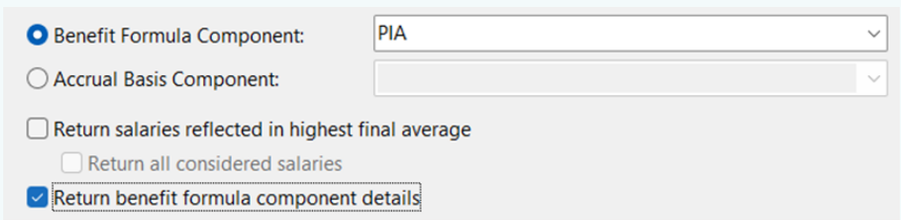


Output Definitions

Populate description. When adding Input Pass Thru items for Desktop (Access or XML) Application types, you can now populate the description from the Data Dictionary field's description.column.



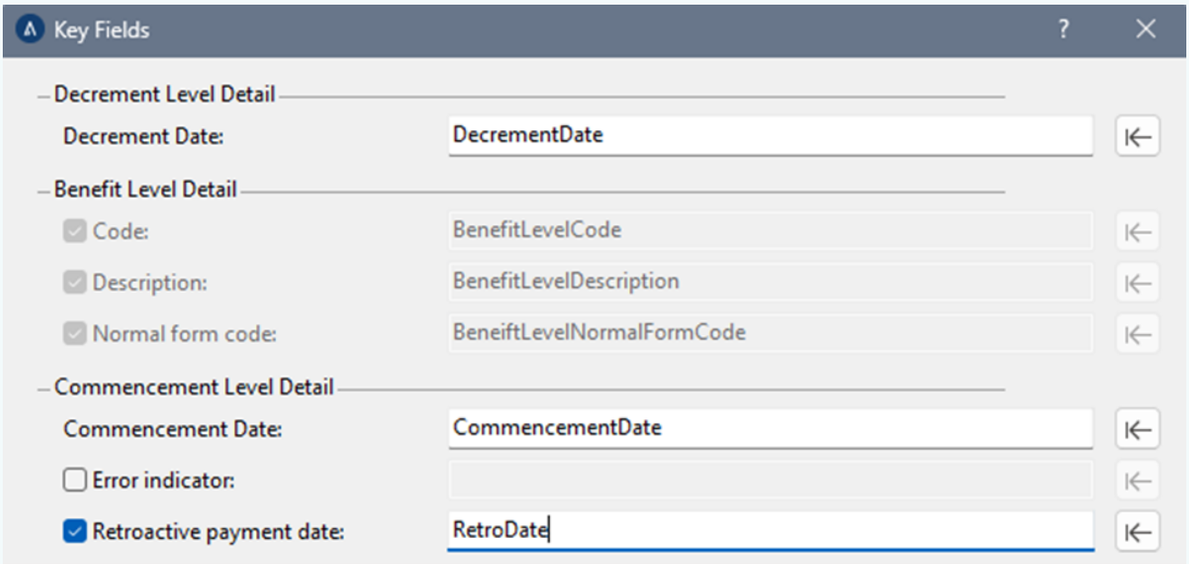
Basis Only Components detailed results can now be written out as part of the Output Definition.



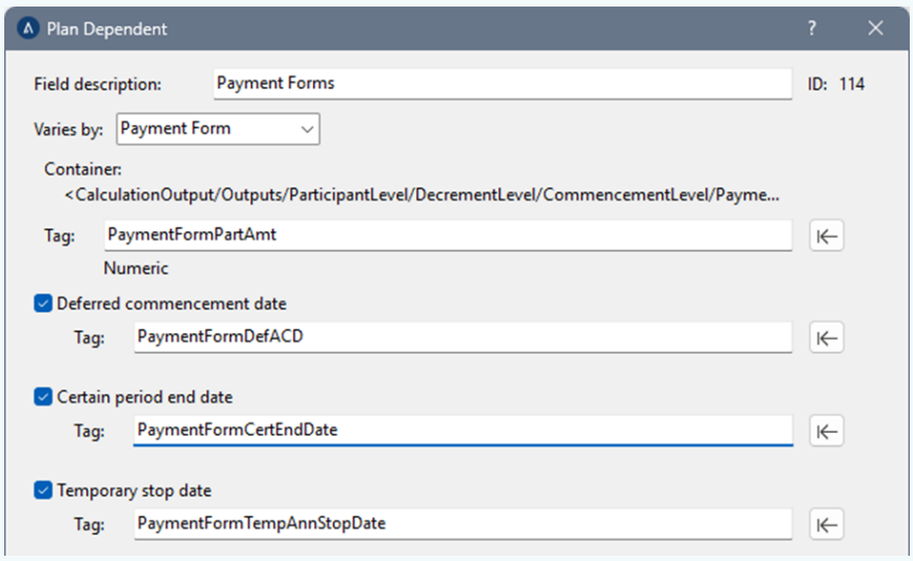

```
<ProAdminBFCDetails>
        <ProAdminBFC>
                <Name>PIA</Name>
                <Type>Accrual definition - basis only</Type>
                <Code>4</Code>
                <ValueAtDec>35124</ValueAtDec>
                <Details>
                        <Date>1988-12-31</Date>
                        <MemberAge>25.25</MemberAge>
                        <BFCResult>0</BFCResult>
                </Details>
                <Details>
                        <Date>1989-12-31</Date>
                        <MemberAge>26.25</MemberAge>
                        <BFCResult>5544</BFCResult>
                </Details>
```

XML Output Linkage

Retroactive payment date. When identifying the Key Fields for an XML Output Linkage, you can now select the XML tag that will contain the retroactive payment date.

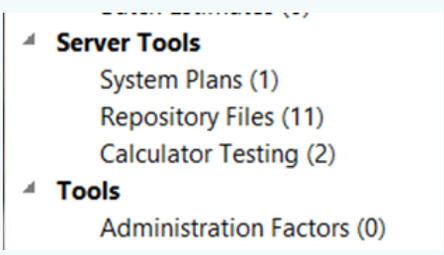


Certain period end date. When adding a Plan Dependent field which Varies by Payment Form, you can now identify the XML tag that will contain the certain period end date.



Server Tools

Calculator Testing is now available on the menu tree under the Server Tools section. The Tester will now also remember new Test Scripts and their path as they are entered.



Fulfillment Tool

Delete empty tables, rows, or columns. The Fulfillment tool can now delete tables, rows and/or columns when there are no values. To delete rows, columns or an entire table in the generated or previewed Word Document, use the following case-sensitive keywords as the Default Value when mapping a field in the Fulfillment Tool:

- Del. Row - If a row contains the string 'Del. Row', that row of the table will be deleted.
- Del. Col - If a column contains the string 'Del. Col', that column of the table will be deleted.
- Del. Tbl - If the string 'Del. Tbl' is found anywhere in the table, the table will be deleted.

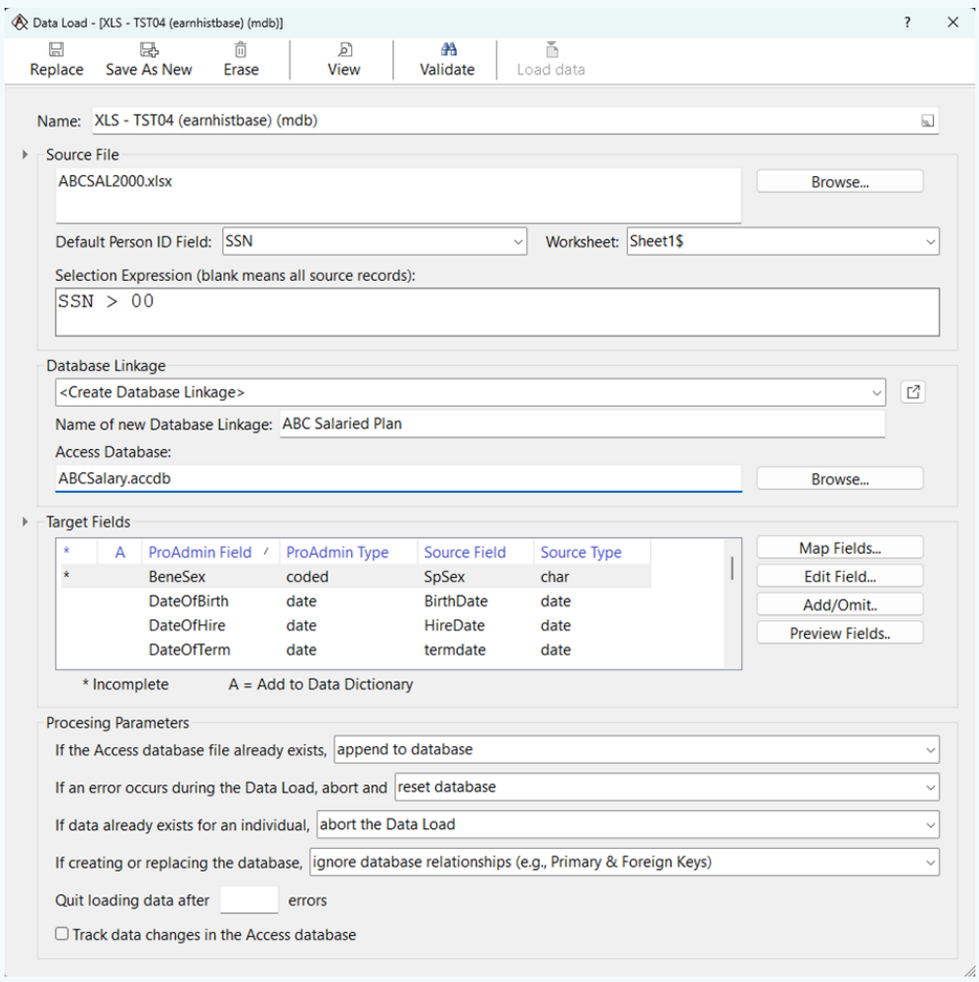
After the mail merge has occurred (while generating or previewing packages), if at least one Fulfillment Field uses 'Del. Tbl', 'Del. Col', or 'Del. Row' as its Default Value, every table in each document in the package is searched for these case-sensitive keywords, and, if found, the appropriate action occurs. If all the rows or columns of a table are deleted (using 'Del. Row' or 'Del. Col'), then that table will be deleted.

Data Load Tool

ProAdmin version 3.21 includes a major re-design and significant enhancements to the Data Load Tool.

Interface. The interface of the Data Load has been re-organized and streamlined for a much more intuitive and transparent operation.

The main dialog has been streamlined to display all of the processing parameters on the bottom of the dialog, while the top of the dialog varies depending on whether you choose a ProVal database or an Excel Workbook as the source file. If a ProVal database, a Client directory button is present, whereas if an Excel Workbook, a Worksheet multi-choice field allows you to select the worksheet containing the data you want to load.

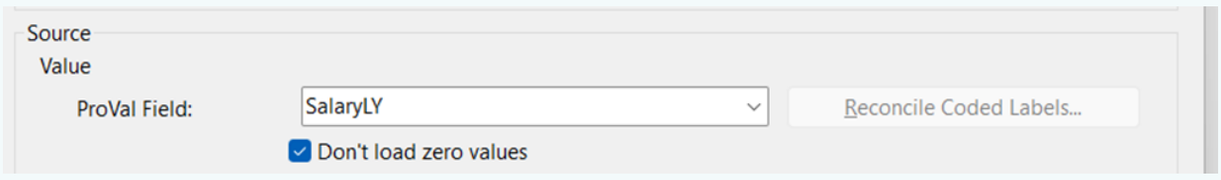


Excel. You can now load data from an existing Excel Worksheet into an Access database (*.mdb or *.accdb) for use with ProAdmin. You can either load new data into the Access database, or you have the option of updating the existing data in the Access database with the new values found in an Excel Worksheet.

Database Linkage. If you are creating a new Database Linkage, you now specify the name of the new Access Database (*.mdb or *.accdb) on the main dialog. Previously, you could only specify this name while loading data.

Codes/Labels reconciliation logic has been improved and now only the user can perform this reconciliation. Previously, various automatic reconciliations were performed which could change the user's original mappings.

Skip zero's. You now have the option to skip the load of zero (0) values for any numeric field.



Existing data. There are now a total of five (5) options for what to do if data already exists for an individual. The two options for replacing existing data are new with this release.

- Abort the Data Load
- Skip the person with the problem (no data written for that person)
- Skip the problem and continuing writing data for that person
- Replace existing data ignoring nulls, blanks, and missing values in the source data
- Replace existing data using nulls, blanks, and missing values in the source data

Validate. There's a new Validate button (at the top of the main dialog) which allows you to discover any problems before you try to load any data into the Access database.

Load Data. The Load data button only becomes available when you have filled in all the information on the main dialog and completed all the information needed on the Target Field dialogs. For example, typically, a user might forget to reconcile coded fields (e.g., matching the source's codes/labels to the ProAdmin field's codes/labels).

Track changes. There is a new option to track changes to the data in the Access database (only changes made by loading/modifying data using the Data Load Tool). If this option is selected, the table ztblTrackDataChanges is created and filled.

ProAdmin API

Administration Factors. The ProAdmin Application Programming Interface (API) has been expanded to allow you to use the assumptions found in an existing Administration Factor Library entry to calculate Annuity Factors, Conversion Factors, and Commutation Functions from within another application (e.g., Excel).

The new API function RUNADFACT is called to calculate Annuity Factors, Conversion Factors, and Commutation Functions. Additionally, GETRUNADFACTARGS is used to get the default arguments for a RUNADFACT call: available payment form names (if any), name of the normal payment form (if any), and a list of available commutation functions (if any).

For pricing information and details about how to install the API, please contact ProAdmin Support.

System

The full path of the folder for the ProAdmin client is now always reported when providing output. This was already the case for most output, but now has been extended to all output.

Sorting library entries with two clients open at once. Now if you have two clients open, sorting library entries in the first client won't affect the sorting in the second client.

Multiple ProAdmin sessions are now allowed for software licenses (maximum 5 sessions).

The name of any loaded/applied MOD files is now displayed in the System Info.

Changes Log

Be sure to read the changes log about updates to certain calculations that may change results. You can easily access the file by clicking on Help, Changes Log.