

Price $f(x)$

Release 'Mojito'

Release Notes

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This document summarizes major improvements introduced in the latest Price f(x) release - the Mojito version.

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1. New Features and Improvements

PriceAnalyzer Improvements

Description	ID
You can now configure for each partition whether PriceAnalyzer data grids (Data Feeds, Data Sources and Datamart) should fetch their content automatically or only after an explicit user request (where you can set filters and thus speed up the data load).	PFCD-2463

PriceBuilder Improvements

Description	ID
You can choose to be notified by email that the price list calculation has been completed.	PFCD-2753
Matrix content download is newly supported: you can easily copy the content into Excel using the 'Download to XLS' icon. (For correct interpretation of numbers and dates in Excel, its locale must be set to English.)	PFCD-2736
In the Price Grid Detail View, you can newly copy values from the left navigation pane. Selection is only possible for a currently selected item or it can start from there if more lines are to be selected.	PFCD-2681
Mass Delete is now available also for Price Lists and Price Records.	PFCD-2820
It is possible to set a tooltip on matrix column headers.	PFCD-2756
In a workflow formula, it is now possible to override the element's timeout period (similarly like in calculation logics).	PFCD-2793
It is now possible to select Product SKU as a Business Key in configuration of Product Extension. Similarly it is now possible to select Customer ID as a Business Key in configuration of Customer Extension.	PFCD-2785
Major configuration settings (e.g. changing default calculation logics) are now logged in the Audit Logs section.	PFCD-2743



Calculated Field Sets can now handle Rebate Records too (RRs can be selected as the CFS source type).	PFCID-2593
Download to PDF is newly possible also for: Price Records, Rebate Records, Price List Detail and LPG Detail.	PFCID-2426

QuoteConfigurator Improvements

Description	ID
It is possible now to group the calculation results (into user defined groups).	PFCID-2377
You can now define logics that will be used in the Product picker when adding products to a quote. When users create a new quote and start adding products, they will see only a subset of products based on the logic results.	PFCID-2538
It is possible now to change the user input format to match the Format Type configured in the logic.	PFCID-2517
It is possible to get a direct link to a quote/agreement/contract easily. In the document header, there is a new 'Open' link which opens the document in another window/tab and you can copy a direct link from the address bar.	PFCID-2782
Download to XLS is now available also for: Quotes, Rebate Agreements and Contracts.	PFCID-2658
It is now possible to display products in Quotes, Contracts and Rebates not only as hierarchical folders, but also as a line item table. The advantage is that the table allows you to perform mass add/edit/delete of simple inputs and results.	PFCID-2706

RebateManager Improvements

Description	ID
Rebate calculation logic newly has the Test Drive functionality which enables quicker and more convenient logic testing during development.	PFCID-1780

PromotionManager Improvements

Description	ID
Contract calculation logic newly has the Test Drive functionality which enables quicker and more convenient logic testing during development.	PFCD-2967

Workflow Improvements

Description	ID
It is newly possible to define a simple parallel workflow: each approval step can have more approvers and if at least one of them approves it, the step is considered approved.	PFCD-2385
It is now possible to define Post Step Logic Formula, a logic that can be called after a particular approval step is executed.	PFCD-1952
It is possible now to define multiple users or user groups as approvers/watchers for a single workflow step.	PFCD-2153
It is possible now to restrict adding extra workflow steps to Workflow Admins only. To do so, use the withAddStepRestrictedToWFAdmin method when generating the workflow.	PFCD-2245
If there are more workflows set as Active for a certain document type, you can choose whether the valid formula is picked up based on the document's effective date (and not the submit date). This is set in General Settings in Configuration.	PFCD-2719
In the workflow emails it is now possible to access data from the object which triggered sending the email message. For example, the method withDataMap(Map dataMap) of the WorkflowDTO object allows you to access any workflow related data at the time of submitting.	PFCD-2370
The method api.findWorkflowInfo now returns data for denied and withdrawn steps.	PFCD-2431

UI Improvements

Description	ID
It is now possible to specify a "preference name" for any ResultMatrix. Matrix popups with the same preference name will share the same set of preferences (provided the columns are almost identical).	PFCD-2365

Columns reordering has an improved behavior: you can reorder one or more columns with drag-and-drop and if there are any gaps in the selection they are not maintained after the drop.	PFCD-2676
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Backend Improvements

Description	ID
It is now possible to configure that a full LPG calculation cancels previously queued partial calculations. This behavior is enabled by using the property <code>priceGridCancelPartialCalcsOnFullCalc</code> and it is applied to trackers in the "Waiting for dispatch" status.	PFCD-2991
Priorities of background jobs (such as various calculations) can be set up on a more granular level now.	PFCD-2976
There is a new API call that returns an optionally templated XLS file of formula results. Simple results are in the main data sheet as name/value; more complex results (e.g. list of maps or <code>resultMatrix</code>) are in their own sheet. This provides an easy way to generate and export Excel files with arbitrary data.	PFCD-2937
It is possible now to monitor the progress of email tasks being processed by the application. The Email Admin section in Configuration shows whether the email was sent, when, to whom, its subject and body and the number of remaining retries.	PFCD-2765
In order to improve ease of use and performance of a logic that uses data repeatedly from multiple data objects, there is a new temporary in-memory database that is filled and consumed by the formula logic. Data can be easily loaded from the existing data objects and then joined or filtered with other data objects, all this with a familiar SQL-like query language.	PFCD-2372
You can now decide for which workflow events notification emails are sent. This can be useful e.g. in a multi-level approval workflow where users may prefer to be notified only about the final approval, but not about every individual approval step.	PFCD-2564
There is a new restriction in user roles: All roles in the Admin section will be assignable when a) the assigning user is General Admin and b) the assigning user has user modifying permissions (e.g. User Admin or Support) and has the admin role that he wants to assign (e.g. 'Product master admin' can grant 'Product master admin' to others).	PFCD-2988
There is a new restriction in user roles: roles that can modify users/roles can no longer extend their own privileges. For example, the general admin role is assignable only by a general admin.	PFCD-2987

2. Fixed Issues

PriceAnalyzer Fixed Issues

Description	ID
When you create and save a chart, click the 'Add to dashboard' button on the chart and select a dashboard where this chart should be added, you get an error.	PFCD-2665
The Simulation Datamarts UI has been made more consistent: the header in the Fields tab has been dropped as redundant because the label, source, and currency can (and should) be set in the Query tab.	PFCD-2758
When you export a dashboard to Excel and a matrix is included, Excel does not keep the formatting where the formats of the columns are set using ResultMatrix.setColumnFormat().	PFCD-2963
Loading files with semicolon as the field separator to Data Feed does not work.	PFCD-2975
Old data in a PA Data Feed can appear in the wrong column after a schema change.	PFCD-2985
When trying to convert a string to a number, there is an error in the metamodel.	PFCD-3086
Saving a Pie chart occasionally does not work.	PFCD-2666
Saving the order row in the Datamart schema editor does not work.	PFCD-2709

PriceBuilder Fixed Issues

Description	ID
When having a PGI field which is marked as "Allow override" in the logic and the logic sets some attributedResult specific formatting, then all the formatting is deleted when changing this field's value manually, except for the suffix.	PFCD-2557
Users who are not entitled to edit Pricing Parameters can still change their values (even though the changes are not persisted).	PFCD-2673
Operators =~ and ==~ in Groovy formula logic elements do not work.	PFCD-2700
In a Live Price Grid, the Delete button is displayed even if none of the selected records is editable for the user.	PFCD-2720
It is not possible to select and copy text in Data Change Request and Price List screens.	PFCD-2767
Attributes are not selectable in Calculated Field Sets configuration if they are defined as "required".	PFCD-2779

Live Price Grid conversion to a Price List fails on Oracle.	PFCD-2795
As the user groups for a logic element are stored in DB as a string, they can exceed the maximum string length value and there is no warning in application.	PFCD-2855
Mass Edit fails when a Customer Extension attribute is used as a filter.	PFCD-2871
The 'Create Change Request' button does not work directly from a changed object.	PFCD-2955
Sorting and filtering of percentages in a Pricing Parameter column do not work correctly on Oracle.	PFCD-2974
An advanced filter with a nested clause does not open in the Filter Builder as it should (it opens as a simple filter) and values specified as "one-of" are not visible in the advanced filter.	PFCD-3035
When you access values returned by find for Matrix Table (Typecode: MLTV), you get an exception.	PFCD-3075
The number of items to process to allow/use the distributed mode is taken from SKUcount instead of PGIcount.	PFCD-3085
Method indexOfMax() in the Matrix2D class returns the index of min instead of max.	PFCD-3088
Dashboard does not display correct data received in JSON.	PFCD-3109
When you assign two or more groups to an element, save and reopen the calculation logic, the drop-down menu for selecting groups is empty.	PFCD-2832
In LPG/PGI, the next item selection after an approval/deny is sometimes not performed in the navigation grid.	PFCD-2870

QuoteConfigurator Fixed Issues

Description	ID
Required line item level input fields (in Quotes/Contracts/Agreements) throw an error even if they are filled on the header level.	PFCD-2822
When you attach an Outlook message (.msg) to a quote and then download it, the file cannot be opened (as it has a .deploy extension).	PFCD-2984

RebateManager Fixed Issues

Description	ID
It is not possible to open/approve Rebate Records from My Pending Approvals dashlet.	PFCD-2308
Rebate records email templates are missing.	PFCD-2732
When you first open the Rebate Agreements and Rebate Records pages, there is an advanced filter displayed but the 'Apply Filter' and 'Hide Filter' buttons are missing. After you toggle the view, they appear.	PFCD-2850

PromotionManager Fixed Issues

Description	ID
Adding an attachment to a Contract unlinks all line items.	PFCD-2650
It is possible to submit a Contract with calculation errors and empty required input fields.	PFCD-2669
Filtering in a contract on many SKUs causes the save action to fail.	PFCD-3022

Data Change Requests Fixed Issues

Description	ID
Filtering of DCR in 'Show Changes All' does not work correctly.	PFCD-2610
When you switch DCR to the 'Show Changes Only' mode, this setting is not preserved for the next session.	PFCD-2613
When you switch DCR to the 'Show Changes Only' mode, the Add button disappears.	PFCD-2625
In a DCR deleting by pages of products is not convenient due to an issue with scrolling down and jumping back up.	PFCD-2640
Sorting by the Comment column in DCRs does not work.	PFCD-2659
Sorting disappears after editing a line in a DCR.	PFCD-2660



After switching between views in DCRs, the Approve/Deny buttons disappear.	PFCD-2685
When you open a DCR where some new products were added, the new products appear as blank lines. Only after clicking "Show Changes..." and then "Show All", the new products are shown.	PFCD-3068

Workflow Fixed Issues

Description	ID
Adding approvers/watchers works only if the Workflow Status is Submitted but the UI shows the buttons also for other statuses.	PFCD-2285
It is not possible to add a comment for a submitted workflow.	PFCD-2995

Other Fixed Issues

Description	ID
It is not possible to download the Excel Client or download any of the data using Excel templates.	PFCD-2884
A product filter set in the User Admin section for a user may not be parsed correctly: there is a backtick character (`) added to the attribute name and then it is reported in an error message as unexpected character.	PFCD-3107
Opening Admin > Configuration twice (no matter if the Configuration tab is active or not) causes the UI to hang on the "Loading data..." modal dialog.	PFCD-2641
In User Admin, the password expiration time is not correctly displayed.	PFCD-2707
Header data in an Excel export is missing for Contracts and Rebate Agreements.	PFCD-2909
The application status bar has a new icon which shows the messages history.	PFCD-3052