

Release Notes for ExtraView 20.0

Apr 20, 2020

Feature Enhancements

Module: Add & Edit		
Issue #	Title	Release Note
384799	New layout cell attributes - LABEL_STYLE and LABEL_STYLE_IF	These two new layout cell attributes allow the style of field labels to be altered logically within a layout
383396	Expanding support for the "disabled" HTML MODIFIER	This new configuration option allows fields to be rendered as read-only according to the logic provided, and at the same time provide a visual indication on the screen that the field is read-only
383395	New layout cell attributes - STYLE IF, HTML MODIFIER IF	These two new layout cell attributes complement STYLE and HTML MODIFIER to allow logic to be applied to the attributes on add and edit screens
383225	New Help Text Attribute - ability to present user with different help text on different layouts	There is a new layout cell attribute named HELP TEXT which can be used on any add or edit layout to override the help text held within the data dictionary to display help for that screen only.
381130	Phone number masking support for international numbers	This new feature allows text fields to be used to format and store international phone numbers. Numbers entered are automatically formatted and a flag is displayed for each country. There is an option to confine phone numbers to the USA, negating the need to store the country code along with the phone number
379448	New layout cell attribute to choose the setting for the toolbar on HTML Area fields	The toolbar setting for HTML Area fields was previously a global, site-wide value. This enhancement allows the setting to be made for each HTML Area field, thereby overriding the global default value.
379412	Create new HTML Area toolbar option	There is an additional setting for HTML Area toolbars, with a set of buttons between the BASIC and STANDARD sets. This is named MODERATE and may be set as a global behavior setting or as a layout cell attribute
378424	New layout cell attributes to style LIST fields which are presented as boxes	The following layout cell attributes may be configured on list fields which are displayed as boxes: <ol style="list-style-type: none"> 1. LIST BGCOLOR - modifies the background color of all values 2. LIST BORDER COLOR - modifies the border color of the cells 3. LIST TXT COLOR - modifies the color of the text within the cells 4. LIST TXT SIZE - modifies the font-size of the text 5. LIST SELECTED BGCOLOR - modifies the background color of the selected cell 6. LIST WIDTH - the width of the cells
377992	New ability to render accordion folds in different ways	This new setting allows accordion folds to adopt one of several styles, globally or within separate business areas and projects. The folds may have additional attributes to alter their styling.
377688	Render related issue displays without borders within the add and edit screens	This improves the appearance of the screen to the user
376572	Add user's photograph to User Details popup	The popup on the link that may be added to a user field, to display their details, now contains the user's photograph
373693	New option to display the HTML Area editor field with or without all the toolbar buttons being visible	This new option is set with a new behavior setting named EDITOR_TOOLBAR. When the buttons are not visible, a single icon is visible which allows for all the

Feature Enhancements

Module: Add & Edit		
Issue #	Title	Release Note
		toolbar buttons to be made visible, and correspondingly, if the buttons are visible, this icon will hide them.
372302	Type ahead performance on really long lists has been improved	This is a minor usability enhancement which speeds up the response of the type ahead (auto-complete) feature with pop up lists
372071	New rendering options for enumerated field display types	Enumerated field display types may now be displayed in a box format, where the entire list of values is presented to the user, and they click on the one(s) to be selected
		Count: 14 rows

Module: Administration		
Issue #	Title	Release Note
379465	New layout cell attribute for "Admin Notes"	Within the Design Center, a new layout cell attribute named ADMIN NOTES allows the administrator to document their rationale for the attribute. This is simply text, and has no functionality attached to it. The text can be observed on the Design Center screen and when editing the attribute.
379307	Accordion folds may now have a mouseover color configured for both the fold background and the text color on the fold	HIGHLIGHT_COLOR and HIGHLIGHT_BGCOLOR may now be configured as layout cell attributes for this purpose
379280	Extended functionality for the BUTTON_ACTION data dictionary global attribute	Previously, you could only map fields in a parent issue to fields in a child issue when creating a new child related record, using the BUTTON ACTION attribute feature within the data dictionary. This enhancement allows the administrator to map a parent field to a different child field without the need to create any JavaScript for the purpose.
378824	Data dictionary tab with Reserved field names	Reserved field names which represent field names that cannot be created, are now visible on a tab within the data dictionary.
377475	Importing list values with images	To facilitate the moving of image lists between fields and between sites, the list manager utility has been enhanced. When a UDF list field that contains images is exported, the images are encoded with the Base-64 algorithm, resulting in a plain text file that can be imported to another compatible UDF field. Upon the import, the images are reconstructed and stored in the database
377368	New layout-level attributes	To allow better presentation of layouts within the add and edit screens, new layout-level attributes can be stored. The initial set of attributes allow the storage of the following for both rows and columns within the layouts: <ul style="list-style-type: none"> - TITLE STYLE - TITLE SIZE - TITLE HTML MODIFIER - VALUE STYLE

Feature Enhancements

		- VALUE SIZE - VALUE HTML MODIFIER
371559	Specify multiple conditions when adding various layout cell attributes	<p>This is a major enhancement to the adding and maintaining of layout cell attributes with the Design Center. Previously only a single expression could be evaluated with a single layout cell attribute. Now, multiple conditions can be created within a layout cell attribute. Note that parentheses can also be included in the expressions you create. This applies to these layout cell attribute types:</p> <ul style="list-style-type: none"> • HIDDEN VALUES IF • HIGHLIGHTED VALUE IF • NOT REQUIRED IF • READONLY IF • REQUIRED IF • VISIBLE IF • VISIBLE VALUES IF
363976	The SCREEN_NAME is now available to layout cell attributes	This allows the administrator to create single embedded layouts that can be used with different logic depending on which screen is being rendered by the user.
Count: 8 rows		

Module: Allowed Values		
Issue #	Title	Release Note
383726	Using the Company Name UDF as a new kind of allowed value	This is a new option for allowed value relationships when the parent field is the same as the field specified in COMPANY_NAME_LIST_UDF and the child value is a user field. When this is set, then the new option allows the relationship to be formed automatically for all the users to become the children of their respective entry in the COMPANY_NAME_LIST_UDF list
372719	auto-populate AV values	When allowed values are auto-populated on an add or edit screen with a specification of a * New * value in an allowed value child, all the allowed value parents are populated automatically. Previously, a screen with checkboxes was generated if a child had multiple allowed value parent values on the screen.
Count: 2 rows		

Module: Attachments		
Issue #	Title	Release Note
352275	New ability to hide the Add Attachment button and thereby force users to add attachments via the ability to associate an attachment with a specific field	Two new security permission keys have been created, to allow configurations where users may add attachments via the Add Attachment button and the Attachment Link button independently. This gives more flexibility in being able to

Feature Enhancements

		configure layouts where the user might be forced to use one method or the other, or have both methods available. The following keys can be used to provide this functionality: - PR_ADD_PROBLEM.ATTACHMENT_LINK - PR_RESOLUTION.ATTACHMENT_LINK - PR_ADD_PROBLEM.ATTACHMENT_ADD - PR_RESOLUTION.ATTACHMENT_ADD
		Count: 1 rows

Module: Business Rules		
Issue #	Title	Release Note
384154	New Business Rule action named ESTOP	This new action rule allows you to create a rule which causes a popup dialog to appear to the user, with a message, and up to three buttons which will typically allow for Yes / No / Cancel operations to be performed.
383729	New ability to select a value in a user list, from a text field, using Business rules	This new ability of the rules allows for the assignment of a value in text field which contains a user ID to a list field with a display type of USER.
381378	New Business Rules that allow the two-way mapping of fields on forms to user details within user records	There are two new business action rules named CREATE USER and UPDATE USER. You can create screen forms which gather and maintain data and then use the new actions to update the user information.
380421	Support for "not like" as an operator in business rules	This feature works as the converse of the "like" operator.
380032	Additional logging for LOG: rules has been implemented	When an issue has been saved and there is an ID, the value of the ID is now sent to the log to aid in debugging
379419	New support for "OR" condition in business rules	This is a major enhancement to business rules. Using as the OR condition, the administrator may now use a combination of AND and OR conditions within a single IF expression. Parentheses are also supported.
373202	New ability to iterate though child records and populate a multi-valued UDF list or User field on a parent record	This is an enhancement to Business Rules.
372674	Enhance rules to support creating of calendar events when sending an email template	A new business rule action named MEETING has been implemented. This allows ExtraView to generate and update meeting requests directly within workflow. These meeting requests are communicated to user's calendars using the iCal format.
		Count: 8 rows

Module: Database		
Issue #	Title	Release Note
376469	New behavior setting that allows different behavior according to the ExtraView version being run	There is a new behavior setting named GUI_VERSION. This allows new user interface features to be introduced within the base code of the product, whilst retaining old functionality where it is needed for backwards compatibility.

Feature Enhancements

Count: 1 rows

Module: EVMail		
Issue #	Title	Release Note
376766	Add ability for EVMail to not delete email messages after the message has been processed.	MAILBOX_PROCESSED_EMAIL_FOLDER is a new optional attribute for EVMail that works when MAILBOX_TYPE = IMAP or EXCHANGE (this does NOT work for POP3 mailboxes). When configured, EVMail does not delete messages from the Inbox after processing, but moves the message to the specified folder.
Count: 1 rows		

Module: General code issues		
Issue #	Title	Release Note
383686	Crop photographs uploaded to user's accounts	This new tool allows a user to upload a photograph to their user account, and to crop the image to the appropriate size before saving this.
382505	New Gateway navigation menus	This is a new way in which users may interact with ExtraView. A vertical navigation bar may be defined which not only accesses ExtraView functions, but allows access to multiple ExtraView instances and to 3rd party applications. Within the gateway screen, there can be links to each private and each shared workspace and home page.
382477	Capability to display user images throughout	This new option allows users' images that have been uploaded into their account to be displayed throughout the software. On a field-by-field basis, the administrator may set an option to display each user's image by their name on all screen forms and reports.
378301	Tab fields no longer use images to compose the tabs on the screen	Tab fields now use CSS to compose their appearance, negating the need for images to be used for the purpose. This aids performance and provides a significantly wider range of colors to be used on the tabs
374305	The HTML tab title within browsers may be set by the site administrator	There is a new behavior setting named EXTRAVIEW_TITLE. This allows the administrator to name the title of their instance on the user's browser tabs, branding the site with a term other than ExtraView.
367953	New ability for UDF list fields to contain an image as an addition to or an alternative to the text value	List fields have a new option that allows each value within the list to have an image attached. On screen forms and reports, this image may be displayed in addition to the text value, or as a replacement to the text value. Images uploaded are automatically resized to a convenient size, and are displayed proportional in size to each user's text size.
365225	New ability to define the wording displayed on browser tabs	A new behavior setting named EXTRAVIEW_TITLE allows the altering of the title of the instance within browser tabs. In addition, a pattern can be established and used to display further field values within browser tabs when updating issues, and to see the title of reports when running reports.

Feature Enhancements

Count: 7 rows

Module: Home Page		
Issue #	Title	Release Note
381938	New ability to have multiple Home Pages	The administrator may now enable the ability for users to create and navigate to multiple Home Pages, each with a different selection for the Business Area, the Project, the user's role and with different reports on the home pages. These Home Pages may be personal or shared.
Count: 1 rows		

Module: Navigation Bar		
Issue #	Title	Release Note
377058	Navigation Bar improvements	The selection list for roles has been altered to be a combo box, for simpler use. The logic to adding and/or moving user roles with Role Visibility and selecting or de-selecting a User Role from the role selection list will make the selected role as visible in Role Visibility but won't affect other visible roles
Count: 1 rows		

Module: Notification		
Issue #	Title	Release Note
371977	New ability of the EMAIL action rule to send out CC emails	The syntax of the EMAIL action has been enhanced to support CC emails, as well as the ability to send one mail to all recipients, or a single email to each recipient.
Count: 1 rows		

Module: Quickfind		
Issue #	Title	Release Note
375336	New mechanism to enable the creation of a second set of Quickfind indexes	This new feature allows the administrator to set up a second set of Quickfind indexes. This eases the upgrading of these indexes, which are maintained separately from the ExtraView code. A new set of indexes at an upgraded level may be built while the original set are still operational. Once the new indexes are build they may be switched into place at any time.
373186	FullTextIndexSetup.sh was not picking up the path from the database and	This is a minor enhancement that simplifies the configuration of Quickfind.

Feature Enhancements

	required the path to be input manually	
Count: 2 rows		

Module: Report Scheduler		
Issue #	Title	Release Note
380247	Scheduled report notification - modified the email address the report is "FROM"	By default, scheduled report notifications originate from the person who generated the request. There is a new option where the name of a different user may replace that person.
Count: 1 rows		

Module: Search / Report		
Issue #	Title	Release Note
379106	Treegrid, matrix and summary reports now generate files with a .xlsx extension	When selecting Microsoft Excel output for treegrid, matrix and summary reports, the file extension for the files is now .xlsx, as opposed to .xls. This drops compatibility with very old Excel versions (approximately 15 years or older), but provides a more transparent download process when generating Excel output.
376461	Implemented list images on matrix and summary report output	If a list field has associated images, these can optionally be displayed on the output of matrix and summary reports.
373276	New ability to sort on Child Fields in a Hierarchical Tree Grid Report	This is a minor enhancement that provides additional sorting capability to Treegrid reports
358018	New ability for matrix reports to display values within their cells values other than counts or sums	This is a major enhancement to matrix reports. This allows the value of a field, as opposed to a count of the values, to appear within the cells of matrix reports.
357754	New Favorites option with saved reports	Users may now click on any saved report to which they have permission, and add it to a Favorites list which appears at the top of all reports listed on the Reports screen
353395	New Column Report filtering feature	This a major new feature for column reports. The user may right-click on the titles within the report output. Assuming the field may be filtered, the user may further filter the values within the report output by selecting / deselecting the values in the list presented to them. Only values within the range of filters set for the report output are presented.
Count: 6 rows		

Module: User Custom		
Issue #	Title	Release Note
379394	New user custom call to make radio button toggle boxes not clickable	A new user custom JavaScript method has been added. This is named evUse

Feature Enhancements

		rCustomReadOnlyFields and its function is to inhibit the clicking of radio buttons on forms when the logic calling the method dictates this should be so.
378288	New UserCustom exit that allows for the modification of the SAML SSO redirect URL	This allows the administrator to modify the SAML SSO URL to be redirected.
Count: 2 rows		

Module: User Interface Issues		
Issue #	Title	Release Note
382205	Improved style of the Autocomplete popup	This is a minor cosmetic enhancement
378321	New user interface theme, using fuschia as the base color	This new theme may be selected by the administrator from the Initial Setup --> User Interface Themes screen
377978	New light brown user interface theme	This may be selected from the initial Setup --> User Interface Themes screen
376785	New GUI theme	A new GUI theme has been created. This has the title "Light grey color theme with blue tones". This theme always displays buttons with icons
Count: 4 rows		

Module: Workspace GUI		
Issue #	Title	Release Note
378775	Ability to Drag-and-Drop total fields from Matrix and Summary reports	This new feature enhances drag-and-drop on summary and matrix reports. The total rows / columns may now be dragged and dropped on valid destinations to update issues
372840	Administrators may overwrite or delete workspaces they did not create	This new feature provides control over administrative all the public workspaces created by users
372839	Scrolling of the workspace menu on low resolution screens	Previously, when a user was within a workspace on a relatively low resolution screen, and there were a significant number of public and/or private workspaces, the user could only see the lower portion of the workspace menu by scrolling the entire browser window. Now, when the workspace menu exceeds the height of the browser window, a scroll bar is added to the menu, to make it easier to navigate
Count: 3 rows		

Total Count: 63 rows

Fixed Bugs

Module: API & CLI			
Issue #	Found in Release	Title	Release Note
374016	12.0.2.5	Issue with the API run_report command not including all fields in output	This problem was only reproducible on a single customer site and was related to null values within fields. The code was reworked to eliminate the possibility of the problem recurring.
			Count: 1 rows

Module: Add & Edit			
Issue #	Found in Release	Title	Release Note
384832	12.0.2.10	Using Alt Title and Highlighted If layout cell attributes rendered the original title when the Highlighted If attribute was triggered	This has been fixed
379907	12.0.2.6	Could not select the first value in a mult-value list if the *None* was removed	This has been fixed.
377975	12.0.2.6	Repeating row data was cleared on update/continue	This was related to a set of a huge number off repeating rows on an issue (>1,600). The Apache web server required the removal of the FailedRequestFilter setting to allow the entire number of repeating rows to be processed to resolve the problem.
377825	12.0.2.6	Error message "Request - URI Too Long" was seen when updating an issue with thousands of repeating rows	This was an unexpected error as repeating rows are not a recommended structure when expecting a large number of rows. In this case, related issues are the recommended structure to use. However, the problem has been resolved so that it will not recur.
376324	12.0.2.7	The tooltip on the Attachment Link icon on the toolbar of HTML Area fields could not be localized	This has been fixed.
			Count: 5 rows

Module: Administration			
Issue #	Found in Release	Title	Release Note
376746	12.0.2.6	The Help_URL property in data dictionary did not accept links with more than 100 characters	This has been fixed
373706	12.0.2.5	Users were unable to edit scheduled report from the Report Page link when running Apache Tomcat 8.5	Apache Tomcat 8.5 eliminated support for several special characters within URLs and this caused the failure. The problem has been fixed.
			Count: 2 rows

Module: Allowed Values			
------------------------	--	--	--

Fixed Bugs

Issue #	Found in Release	Title	Release Note
375201	12.0.2.6	Warning about allowed values being invalid were occasionally being generated, even on valid combinations	This occurred when READONLY fields were involved in the parent - child combinations and there was a default parent was specified but no value specified for the child value selected.
Count: 1 rows			

Module: Attachments			
Issue #	Found in Release	Title	Release Note
383844	12.0	double hover help on paper clip document attachment icon	A double tooltip was observed when a user moused over a document add button field. This has been fixed
Count: 1 rows			

Module: Business Rules			
Issue #	Found in Release	Title	Release Note
381898	12.0.2.9	An Add refresh business rule was clearing out values for fields on Reated Issue Displays when performing an inline add operation	This was fixed
373571	12.0.1	Link rules, testing for the condition "user field is not null" was not working	This has been fixed
364713	12.0	Problem sending email through business rules when there were multiple names in a user type field	This problem was fixed
Count: 3 rows			

Module: Database			
Issue #	Found in Release	Title	Release Note
385131	12.0.2.10	Alter dd title of CURRENT_USER_NAME	The value in a user query list for user fields titled "*" Current User Value *" has been altered to "*" User's Profile Value *" to avoid confusion with "*" Current User Name *
Count: 1 rows			

Module: EV - EV Integration Daemon			
Issue #	Found in Release	Title	Release Note
378382	11.2.6	The EV-EV integration daemon was unable to correctly parse project names with "-" in title.	This has been fixed

Fixed Bugs

Count: 1 rows			
---------------	--	--	--

Module: EVMail			
Issue #	Found in Release	Title	Release Note
362477	11.2.5	EVMail lost the carriage return between "From" and the body of email, when the Description field is text	This was fixed
Count: 1 rows			

Module: General code issues			
Issue #	Found in Release	Title	Release Note
382279	12.0	Sending Email template via rules - multi-select user field issue	User fields sometimes displayed the incorrect value in abbreviated history for multi-valued user fields. This was fixed.
Count: 1 rows			

Module: Help system			
Issue #	Found in Release	Title	Release Note
377939	12.0.2.6	The behavior setting HELP_HOME was not working as expected	This only affects installations that have customized the help system. The working of the setting has been altered so that it always requires an absolute URL. Relative URL's are no longer supported.
Count: 1 rows			

Module: LDAP			
Issue #	Found in Release	Title	Release Note
383398	12.0.2.10	LDAP authentication failed due to ldapOverride	A customer reported failure to authenticate with LDAP after receiving a custom code update with the ldapOverride exit implemented. After analysis, it was determined that the authentication failed silently due to base code defaulting to null for LDAP search during authentication routine, when ldapOverride exit returns true.
Count: 1 rows			

Module: Notification			
Issue #	Found in Release	Title	Release Note

Fixed Bugs

382269	20.0	Repeating Row Email Notification	Notifications sent with the MAIL business rule would fail when issues had repeating rows that contained Document and/or Image fields. This was fixed.
382136	20.0	Standard email notification showed attachments uploaded in a previous update	This has been fixed
380398	11.2.6	When sending plain text email template notifications, attachments needed to be included	This was fixed
373644	12.0.2.6	Ad hoc emails / email templates always assumed HTML for CC information, but it might be text	This was a minor formatting problem and has been fixed
Count: 4 rows			

Module: Relationships			
Issue #	Found in Release	Title	Release Note
380163	12.0.2.8	Titles on RIDs are no longer displayed if there are no results in the RID	This was a minor display issue which was fixed
Count: 1 rows			

Module: Report Scheduler			
Issue #	Found in Release	Title	Release Note
377979	12.0.2.6	Scheduled reports did not obey the selection of "Filter Multi-Valued Field Values"	This has been fixed
377279	12.0.2.7	Scheduled Matrix Reports were not generating statistics	This has been fixed
Count: 2 rows			

Module: Search / Report			
Issue #	Found in Release	Title	Release Note
383484	12.0.2.7	Drilldowns on matrix report with complex filters occasionally threw an error: java.sql.SQLException: ORA-00907: missing right parenthesis	This was a rare problem, but once observed on a report, drilldowns from that matrix report would not run correctly without displaying the error. The problem is fixed
383185	11.2.5	A report outputting to Excel exhausted the database connection pool	This only occurred when the report output had a large number of repeating rows. The problem is fixed.
381927	12.0.2.9	Error on a report using Runtime Filters when a number field was added that contained a between operator	This was fixed
380341	11.2.6	Reporting performance issue	This was a complex issue that only affected very large databases and where filters were set on Checkbox fields which had been created prior to version 9. In version 9, changes were made to better handle and

Fixed Bugs

			distinguish the differences in checkboxes which had null values and were presumed to have a value of No compared to having an explicit value of No. This previous change inadvertently affected the performance of reports on large databases. The problem has now been resolved and performance equivalent to that on releases prior to version has been restored.
380266	12.0.2.8	Could not create hierarchical treegrid report	This problem was related to a filter within a popup list field, stored with a value of * Any *. The problem has been fixed.
378762	12.0.2.5	Drilldown error when using DATE_CREATED (month) or DATE_CREATED_MONTH fields on matrix reports	This error has been fixed
378171	11.1.0.1	Unable to run Container reports from within an unexploded WAR file	This problem has been fixed
378163	12.0.2.6	Conditional formatting problem with the "between" operator	This was observed when multiple conditional formatting expressions were used, where one of the expressions used a "between" operator. This has been fixed.
376452	12.0.2.6	Report did not include all expected issues - repeating row problem	This happened with the following circumstance: <ul style="list-style-type: none"> - An input form (add or edit) was configured with a repeating row layout - An issue was added without any repeating row data being added - A query is formulated like RR_FIELD = * Any * <p>Previously, the issue would not be displayed on reports. Now the issue is displayed, assuming other filters re satisfied.</p>
376447	11.1.0.1	Unable to run Container reports from within an unexploded WAR file	This problem has been fixed
375783	11.2.6	Text Area fields with Excel output set, had a blank space on the end of the field, which was not in the stored data	This has been fixed
375782	11.2.6	Exported text in Comment fields were not formatted properly	The carriage return characters within the text were not escaped correctly and as a result the readability of the report was affected.
374322	12.0.2.6	Fields with no titles or blank titles were not available to select for reports	This was fixed. Fields with blank titles are sorted at the beginning of the field lists
373404	12.0.1	New tab & pop up message when exporting to Excel	This is a case where different browsers behave differently when using a new browser tab or window outputting a report to Microsoft Excel. The behavior now is that the "You may close this window." message remains on an open tab within the Edge browser, but the browser tab/window closes in Firefox, Chrome and Internet Explorer.
373078	12.0.1	Outputting more than 32,767 characters to Excel from a text area or HTML Area field caused an error	Excel has a limit of 32,767 characters in a field. If the contents of a Text Area or HTML Area field were longer than this, an error was generated. Now, if the contents are longer than Excel can handle, they are truncated and a message is appended to the end of the entry.

Fixed Bugs

358165	11.2.3	Hierarchal Reports sometimes added selected report fields multiple times	This was happening on hierarchical reports with many levels (typically seven or more). The problem has been fixed.
			Count: 16 rows
			Total Count: 42 rows