Release Notes for ExtraView 21.0

Aug 13, 2021

ExtraView *Support Site*

Feature Enhancements

Module: API & CLI		
Issue #	Title	Release Note
392610	New ability to use the API to insert embedded images into HTML area fields	A single customer had found it possible to use an HTML form to insert images into the ExtraView database, by base-64 encoding the images. Whilst this worked, it resulted in huge amounts of text being inserted into the database, which was very inefficient. There is now an enhancement to allow these images to be transported and inserted as proper images.
		Count: 1 rows

Module: Add & Edit		
Issue #	Title	Release Note
392955	New support for a "Close" button on Add issue screens	A close button with the name MENUBAR_ITEM_CLOSE has been added to the system and can be added to the menubar on add issue screens to provide the ability to simply close the window / panel without saving the issue.
		Count: 1 rows

Module: Attachments		
Issue #	Title	Release Note
394626	Passing selected attachments from a parent to a child issue when adding a child from a Related Issue Display	This new option allows the administrator to set an option so that selected attachments will be passed and copied from a parent issue into a child issue at the time a child issue is created from a related issue display. It is set on the BUTTON ACTION screen that defines what actions take place when the child issue is added to the parent
		Count: 1 rows

Module: Design Center		
Issue #	Title	Release Note
370677	Improved navigation within layouts in the Design Center	Within the design center, and when editing layouts, a mouseover on any embedded layout will display additional information, such as the business area / project / role / display target for which any embedded layout was saved. Right-clicking on the layout provides an option to take you directly to the design center editor for that layout, without needing to go back to the list of layouts to accomplish this task.
		Count: 1 rows

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Module: General code issues		
Issue #	Title	Release Note
392086	Generating URLs without session information	This is a major change to the session management within ExtraView. Previously, the session ID was contained within each and every URL sent to users' browsers, and could be seen in the address bar of the browser. This precluded the URL being copied and then sent to another user for them to access an ExtraView function, and precluded the bookmarking of pages. This enhancement provides the same level of security as previously was the case, but without the session ID ever being visible. Now, most screens for end-user access can be bookmarked, and their addresses may be shared with other users.
		Count: 1 rows

Module: History		
Issue #	Title	Release Note
391510	Ability to see a history of specific fields from the edit page	Using the new context menus that allow functions to be driven at a field level within add and edit screens by clicking on a small icon by the field label, there is the ability, within a single mouse click from the context menu, to view the history of changes from any field. There are controls to turn the feature on and off for any layout, and also to turn the history on and off from any field within a layout.
		Count: 1 rows

Module: LDAP		
Issue #	Title	Release Note
395898	Adding user account attributes upon LDAP upsert operations	This new feature allows user attributes to be added / updated on user accounts via the LDAP upsert method
		Count: 1 rows

Module: Mobile Client		
Issue #	Title	Release Note
394679	Enable pinch finger motion to zoom a screen on iOS	This allows a user to zoom in and out on an Apple iOS device to view more or less of the screen viewable area.
393025	Mass Update Field Selector List now has typeahead enabled	Minor new usability feature

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392082	Expanding list images when list value is selected and the user takes an action	The data dictionary has a new entry labeled "Allow image to be enlarged" which appears on enumerated list fields which have images enabled. When this option is selected, the user can click on an image within a list to view a larger version of the image in a popup. This is intended to be used when the list image is a photograph, and the user sees a thumbnail size within the list, but want to be able to see a larger version of the image. To enable the same functionality on mobile clients, a button is placed by the field title. On pressing this button, the larger-sized image is seen.
391507	The mobile app now allows the same search for users as the desktop browser	Within the mobile app, the search capability for users was limited. The mobile app is now enhanced, such that there is a button that allows a screen to be displayed within which the user can search for other users in the same way they can on desktop browsers
389853	Support for Mass Update on mobile clients	This enhancement allows the user to perform, with permission, mass updates to issues within the mobile client.
335520	Row and column titles are fixed in position	When a report is output to the mobile client, the titles to columns, and the first button on rows of reports are fixed in place when the user scrolls around report output that is larger than the screen size.
		Count: 6 rows

Module: Mobile Server		
Issue #	Title	Release Note
396830	Results page refresh following a mass update on the Mobile App	This enhancement provides the automatic refreshing of the results in a query, following a mass update of the issues within the query
		Count: 1 rows

Module: Report Scheduler		
Issue #	Title	Release Note
392078	Alteration to the name of scheduled report output	Previously, a set of random numbers was added to the end of the report name being sent via the report scheduler. This was to ensure the name was unique. Now, the uniquifier string is a long version of the date, including milliseconds.
		Count: 1 rows

Module: Search / Report		
Issue #	Title	Release Note
395337	Reports in standard notification and email templates	This new feature allows reports to be embedded within the standard notification and ad-hoc notification output. The administrator may add an embedded report

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		to any notification layout, and both administrators and end users may add reports to ad-hoc notifications. The embedded reports may be embedded and/or added as attachments.
395224	Sharing URLs for reports	When a user right-clicks on the title to a report, there is a new option that allows them to copy the URL of the report to their local clipboard. This URL can be shared with other users. When these other users use the URL, they are still subject to all the permissions, such as needing to sign on, and that the visibility of fields is dependent upon their role and its associated permissions.
394338	Enhanced user interface for indented filters in queries	Indented filters on query screens represent parentheses around individual filters. When a new indentation starts, the initial conjunction is now displayed above the first filter, to clarify that the conjunction is outside the opening parenthesis.
392084	Adding issues from reports	This new feature allows issues to be added directly from reports. A button will be placed on the report output to initiate the addition of new issues. The filter values from the report will be applied, as far as possible, to the new issue, to speed up the entering of the new issue values.
392076	New history report type	This is a major new feature, as a new report type. It allows the creation of reports that display the entire history of issues. The reports may include whichever fields are deemed necessary by the report creator and can be filtered by whatever criteria are set.
391512	Conditional formatting on reports may be applied to fields, based upon when they changed values-	This new feature allows fields within report output to be formatted, according to when they were updated. For example, the user might want to highlight status field for all issues on a report where the status changed within the last 7 days.
383621	New feature to restrict the height of Text Area, Log Area, and HTML Area field values on Column reports	This new feature allows the overall constraint of only allowing these field display types to occupy a maximum height on the report output. When the height of the field value exceeds the value stored in a new behavior setting, only the first portion of the field is displayed and arrows beneath the field allow it to be enlarged to its full height and to be reduced to the original size. The feature is also available within the report editor, where the user can impose a height restriction on individual fields
379452	New feature to allow the owner of a scheduled report to be modified	This feature allows the administrator to move the owner of a scheduled to a new user, in the eventuality that a staff change occurs.
369338	Ability to generate different report output types from issues within the edit screen	Reports executed from menu buttons placed on the menubar or within add / edit screens may now direct their output to MS Excel, MS Word, PDF or text.
		Count: 9 rows

Module: Sign On		
Issue #	Title	Release Note
393165	Ability to view password in clear text when signing on	On the default sign on screen, a button placed by the password field allows the user to see the password they have entered in clear text. The clear text is only

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		visible while the user is clicking on the button
		Count: 1 rows

Module: User Custom		
Issue #	Title	Release Note
392999	New UserCustom exit to modify SecurityUser Attributes up login.	A new user custom method named ucLoginCompletion has been introduced. This method is invoked at the completion of a successful sign on by an end user
		Count: 1 rows

Module: XML Import and Export		
Issue #	Title	Release Note
374380	Additional logging with XML migration import errors	When the XML migration import utility encounters an error within the data being migrated, there is additional logging to help the administrator find the records in error, in order to fix these records before retrying the import
		Count: 1 rows
		Total Count: 27 rows

Fixed Bugs

Module: API & CLI

Issue #	Found in Release	Title	Release Note
395357	12.0.2.6	API commands don't follow LOG_AREA_INITIAL_SORT behavior setting	API commands did not follow the direction specified in the behavior setting LOG_AREA_INITIAL_SORT behavior setting. This has been fixed
395226	20.0	The API "update" command did not correctly update the timestamp of the history records	This has been fixed
393424	20.1	Error when inserting a large set of images via Web Services and the API	This issue was solved by reconfiguring the WSDL readerQuotas parameters and increasing the Apache Tomcat POST size.

Count: 3 rows

Module: Add & Edit

Issue #	Found in Release	Title	Release Note
397220	20.1.1	Visible If layout cell attributes on repeating row fields worked inconsistently	This only happened on the third and subsequent repeating rows. The problem has been repaired
394623	20.1	After modifying the Help Text for FOLD field in the data dictionary, it did not display correctly within add and edit screens	This was caused by a change to allow HTML within help text fields, and the HTML would sometimes conflict with the way in which the fold was rendered. This has been fixed so that any HTML in fold text titles within the data dictionary is now ignored
394307	11.0	Unable to select value from popup list field	This only happened on popup list fields with associated images (an uncommon configuration). The problem has been fixed
394182	20.1.1	Visible if layout cell attributes on fields within a repeating row caused a rendering problem with the layout	This was fixed
393340	20.1	Document fields and Visible If layout cell attributes not working consistently	This was fixed
392861	20.1	Field on rendered layout still displayed even with "Field != *None*" layout cell attribute when the field value was blank	This has been fixed
392632	20.1	Title on the Submit button did not change to Submitted during form submission	This occurred on add and edit screens. The problem has been fixed
392595	20.1	LAYOUT CONFIGURATION ERROR when adding repeating rows	This was a subtle error that only occurred on a single customer's site. The problem has been fixed
392589	20.1	Repeating row field value was visible on all rows instead of just the row where the visibility condition equaled true	This problem was introduced in 20.0. It has been fixed
392587	20.1	Hitting Enter on an edit screen submitted and closed the window	This was a minor bug introduced with the 20.1 release. This has been fixed.
392537	20.0	Performance of add screens with huge number of READONLY IF layout cell attributes	This occurred with other "IF" type layout cell attribute, and only when there were more than 50 or so on a layout. The performance was still reasonable, but certainly slower than version 20.0. The problem was

			found in the way that the attributes for each of the fields was being loaded.
392214	20.1	Scrollbars on some multi-select list fields lost the up and down arrows	This was fixed
			Count: 12 rows

Module: Administration

Issue #	Found in Release	Title	Release Note
394654	20.0	New display of a user's currently selected role in their profile	The user's current role is now displayed on the user accounts administration screen and within the popup on add and edit screens which displays information about each user
394476	20.1	The "forgot username/password" link was not working correctly	This bug has been fixed
			Count: 2 rows

Module: Attachments

Issue #	Found in Release	Title	Release Note
396706	20.0	Large scale deletion of attachments	This problem affected Oracle installations only, and only occurred when attempting to perform the deletion of a large number of attachments in one operation. This would take a large amount of time, disrupting operations to other users. A new index has been added to the Oracle database to prevent this happening.
			Count: 1 rows

Module: Business Rules

Issue #	Found in Release	Title	Release Note
397809	20.1.1	SAVE business rule did not perform record update	This was caused by the order of operations for a specific rule being executed. This has been fixed.
393342	20.1	issue with link rules and document fields	Link rules were configured to update multiple document fields within multiple issues, once the parent issue was updated. With this configuration, not all document fields were being propagated to the linked issues. This has been fixed
392633	20.1	Business rule with a button_field.{changed} qualifier executed even though the button field was not clicked	This was fixed
390945	20.0	An UPDATE Business Rule was pushing document field data into the wrong field	When the UPDATE business rule mapped a document field to a different document field in a different issue via a LINK rule, the original field was updated, not the mapped field. This has been corrected.

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Fixed Bugs

	Count: 4 rows

Module: Design Center

Issue #	Found in Release	Title	Release Note
395735	20.1.1	The "where used" drilldown from the data dictionary could take the administrator to the wrong layout	This has been fixed to ensure the correct layout is loaded
			Count: 1 rows

Module: EV - EV Integration Daemon

Issue #	Found in Release	Title	Release Note
393818	20.1.1	Documents containing HTML tags would not migrate correctly	This occurred when the document contained HTML tags, such as < SCRIPT> tags within the first 1024 characters of the document. This has been fixed
393766	20.1.1	Updates to list fields with new values on the source server were not being migrated correctly	This has been fixed to correctly migrate values which did not exist on the target server
393369	20.1	DATE_LAST_STATUS_CHANGE always changes to same value as TIMESTAMP	This issue only affected users of the EV - EV Integration daemon. When updates of issues were performed, the date of last status change would be altered upon an update, even if there was no update of the status field. This has been fixed
			Count: 3 rows

Module: General code issues

Issue #	Found in Release	Title	Release Note
397508	20.0	Deadlock in date/time operations with reports	A customer's server crashed with this error. The root cause was identified in a piece of code that had not changed in more than 15 years. The error could only have happened with an unlikely, but possible sequence, when multiple user operations were running simul taneously, all including date / time component operations at the same time that the database was allocating new connections. Only Oracle and MySQL databases could ever encounter this error.
396692	20.0	Explicit garbage collection removed from the ExtraView servlet	Through customer experience with very large sites (thousands of users) , it was discovered that the inbuilt garbage collection of Java was more efficient than explicitly calling the garbage collector within Java. This improves the performance of these very large sites.
393570	20.1.1	issue clone operations did not work successfully	In 20.1.1 a bug was inadvertently introduced that caused issue clone operations to fail, without any obvious indication to the user. This has

Fixed Bugs

			been fixed.
392201	20.1	Initial start up of application server was slow	This was happening on sites with a large number of mail templates. The performance has been improved
392067	11.2.1	The application server took a long time to start on sites with hundreds of Projects	At the sane time, the Data Dictionary took a long time to initialize. The performance of these two items has been improved to acceptable levels, even on very large and complex sites.
391784	11.1.0.1	Deadlock occurred when updating a data dictionary item at the same time as updating an issue with a lot of checkbox fields	This was an extremely obscure problem that happened extremely rarely. Once found, the problem was fixed in a straightforward manner
			Count: 6 rows

Module: LDAP			
Issue #	Found in Release	Title	Release Note
395444	20.1.1	Turning on LDAP_USER_LOOKUP caused text fields within user popup fields to not display correctly	This only happened after the application server was restarted. The problem has been fixed
			Count: 1 rows

Module: Mass Update			
Issue #	Found in Release	Title	Release Note
392408	20.1	Mass updates from Quicklist did not work unless the record selector on the Quicklist was enabled	This was fixed
			Count: 1 rows

Module: Mobile Client			
Issue #	Found in Release	Title	Release Note
395257	20.1	The mobile app would hang when loading a set of popup list field values when there were thousands of values in the list	This has been fixed by introducing pagination of the field values, using the behavior setting named POPUP_LIST_SIZE as the size of each page
			Count: 1 rows

Module: Quickedit			
Issue #	Found in Release	Title	Release Note
394312	12.0.2.6	invalid number validation during Quickedit causes Update/Cancel buttons to disappear	This was fixed

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392168	20.1	Quickedit within embedded tree grid reports on edit screens were not showing complete information	This was due to the lack of a vertical scroll bar appearing within the Quickedit area of the screen when being viewed within a Tree Grid report that was embedded within an edits screen. The problem has been fixed.
			Count: 2 rows

Module: Relationships			
Issue #	Found in Release	Title	Release Note
395324	20.1	Changing the parent ID of an issue did not have any effect when using the ENFORCE_ONE_TO_MANY_RG behavior setting set to a value of YES	This has been fixed.
			Count: 1 rows

Module: Report Scheduler			
Issue #	Found in Release	Title	Release Note
396053	12.0.2.6	Scheduled reports to Excel and formatted Excel did not always display the correct data	The display within Excel would not display all of the data completely. This has been fixed.
395791	20.1	The names of file attachments to scheduled reports was different in Microsoft Outlook 365	A fix for this involved working around some limitations in Microsoft Outlook 365. Functionality was not affected, but the file names of attachments were rendered incorrectly when delivering multiple attachments in a single email
391501	20.0	Scheduled reports with multiple reports all had the same title in the email notification received by users	This has been fixed so that each attachment now has its correct file name
			Count: 3 rows

Module: Search / Report			
Issue #	Found in Release	Title	Release Note
397846	20.0	Multi-value list field intermittently was not displaying for reports	This was difficult to reproduce and only occurred when a report contained Text Area fields or HTML Area fields along with multi-valued UDFs that contained many values. This bug has been fixed
396861	20.1.1	Cannot check "Suppress Empty Column" within Scheduled Reports	This bug has been fixed
396860	20.1.1	Could not add an individual user to a saved report	This bug has been fixed
393881	20.1.1	Error running Hierarchical Report	This problem was introduced in 20.1.2. It affected hierarchical reports using the "parents without children" option. It has been fixed
393091	20.1	Detailed Report buttons on a Quicklist report	When the record selector button was configured on a Quicklist layout,

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			as well as the Detailed Report button, the Detailed Report button would not appear until a refresh of the report was done. This has been fixed.
392998	20.0	Matrix Report was not grouping by year correctly	This problem was related to the use of a "during" operator as a report filter with a sort order. This has has been fixed.
392539	20.1	Queries with *None* in repeating row field filters took a long time to execute and returned too many records	The performance has been enhanced and the queries have been checked for accuracy
392089	20.1	Microsoft Edge caches report results when output to excel	The root cause of this problem is a Microsoft Excel bug where downloaded files are cached incorrectly when they have similar or identical file names. We have worked around the problem.
392080	20.1	The Copy Report Schedule feature did not make a true copy	The feature actually created a link of the schedule to the old report, as opposed to a new copy for the report being updated. Now, each report will have its own independent schedule.
389718	12.0.1	Protocol violation - after trying to upload an Excel template for a report	This was a bug in an external library (Apache POI), used to prepare Excel output from ExtraView. A newer version of the library was available from Apache, and this was used to update the library shipped with ExtraView
			Count: 10 rows

Module: XML Import and Export			
Issue #	Found in Release	Title	Release Note
394644	20.0	XML Migration did not correctly set the RID Filters on RIDs and RID Search Results layouts	This was a bug. It has been fixed
			Count: 1 rows
			Total Count: 52 rows