

6.2 Release Notes

Prepared - 7/26/09

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
75397	Feature Enhancement	N/A	API & CLI	add parameter to API add to do LDAP lookup and mapping	<p>Using the parameter LDAP_FILL_IN_ADD_FIELDS in the evapi "INSERT" function will cause the ldap add fields to be filled in as they are on the GUI Add screen operation. The value for this parameter can be any non-blank value.</p> <p>For example: http://ev.mycompany.com/evj/ExtraView/ev_api.action?user_id=bill.smith&password=aaa&statevar=insert&assigned_to=123456789&description=testapi&red_decimal=&send_email=no&username_display=ID&LDAP_FILL_IN_ADD_FIELDS=yes</p>
105678	Feature Enhancement	N/A	API & CLI	New web services added	<p>There are two new calls added to EVItemService in this release. These are:</p> <p>ItemHistoryResponse getChangedItems(ItemHistoryRequest request)</p> <p>and</p> <p>ItemHistoryResponse getItemAudits(ItemHistoryRequest request)</p> <p>They take in the same inputs and putout the same outputs, however</p> <p>- getChangedItems is the logical equivalent to using "cutoff & cutoff_end"</p> <p>- getItemAudits is the the logical equivalent to using "hist_range_start & hist_range_end"</p>
76799	Feature Enhancement	N/A	Add & Edit	When rendering a text field that contains relationship group attributes, ExtraView now displays the original related item	<p>Previously, when a relationship group with multiple issues is created, and there is a text field with the ID of the related issue, the ID of any member of the relationship group was entered into the text field when editing an issue within the group. Now, the original ID of the issue used to create the relationship is always displayed.</p>

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76993	Feature Enhancement	N/A	Add & Edit	Deprecated layout cell attribute FORCE_ALIGNMENT and behavior setting EMBEDDED_LAYOUT_REFRESHES	With the use of Ajax to refresh individual values on screens, there is no scrolling of a screen when a business rule triggers. Therefore there is no longer a need to use the layout cell attribute of FORCE_ALIGNMENT or to use the behavior setting named EMBEDDED_LAYOUT_REFRESHES. These have both been deprecated in this version.
77198	Feature Enhancement	N/A	Add & Edit	The Edit screen is no longer closed after an ad hoc email is sent	The previous behavior closed the edit session following the sending of an ad hoc email. Now, the issue is saved and the edit screen is redisplayed, allowing the user to perform further actions on the issue.
83773	Feature Enhancement	N/A	Add & Edit	New autocomplete capability for popup list and popup user fields	Popup list and popup user fields now have a new capability configured within the data dictionary. Autocomplete may either be "off" or set to occur after 1 - 5 characters entered by the user. When the user types in the number of characters set, a list is generated of all potentially matching entries in the list. The matching is not case-sensitive and the characters may appear anywhere in the values displayed. The user may continue typing, or select a value from the list to complete the entry.
83774	Feature Enhancement	N/A	Add & Edit	New ability to edit a set of records in a sequence	There are two new buttons titled "Update & Prev" and "Update & Next" which may be placed on an Edit screen. The buttons save the current issue and open the next or previous issue for edit. They are activated on the Edit screen if the user has write access to PR_RESOLUTION.ALLOW_EDIT_NEXT_PREVIOUS and the Edit screen is invoked from a Quicklist or a Column report.
107524	Feature Enhancement	N/A	Add & Edit	Make the Ajax timeout a variable based on a behavior setting	When an Ajax call is made to the server, there was a fixed timeout of 7 seconds. An alert was issued if the response did not occur in this period. The behavior has been improved, and now uses the behavior setting of CLICK_LOCKDOWN_TIMEOUT_SECS to determine the length of time for a response to occur.
69853	Feature Enhancement	N/A	Administration	Add List button to all inbuilt fields within the data dictionary	Previously only user-defined field list values could be manipulated from the data dictionary. Support has been added so that all list type fields can be managed from within the data dictionary.

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76610	Feature Enhancement	N/A	Administration	Highlighted entries on drilldowns on administration lists	Within administration lists with drilldowns, the previous behavior was to underline an item that can be selected when the mouse is held over the item. Because of a bug in Internet Explorer, this underline is not always removed when the mouse is moved away from the item. A new highlighting mechanism has been utilized to emphasize the item that the mouse is over.
90024	Feature Enhancement	N/A	Administration	Uploading a license key via the administration screen no longer requires a restart of the application server	If an administrator uploads a new license key, the application server no longer needs a restart, and the new license key values take immediate effect.
102846	Feature Enhancement	N/A	Administration	The downloadable spreadsheet template used for data dictionary import has been improved	As opposed to a simple spreadsheet with only the column titles, the spreadsheet is now in Excel format, with validation of the input values for all appropriate columns, such as the display type.
120361	Feature Enhancement	N/A	Administration	Extended the number of user defined fields in the security user table	Previously there were five user defined fields within the user accounts records. This number has been increased to 10.
76895	Feature Enhancement	N/A	BatchMail	New ability to configure BatchMail from inside the ExtraView Administration screens	The administration of BatchMail was previously performed by editing an external text file. With this version, the user can alter the Batchmail settings from within ExtraView. By going to Administration --> System Controls --> Manage Tasks and selecting Threads --> Add Task, the user can create the task and then manage this. The Administration Guide has full details
74885	Feature Enhancement		Daemon	Configurable polling time	Previously, the polling time for the ExtraView daemon interface was hard-coded to 10 seconds. In order to facilitate a more flexible interface from the daemon interface to integrations such as Perforce and Salesforce, two new settings are provided in the configuration file. Use POLLWAITTIME for non-ExtraView interface, i.e. to SalesForce and Perforce. Use EVPOLLWAITTIME for the ExtraView interface time. Each of these specifies a number of milliseconds -- the recommendation is to use a value from 10000-60000.
74271	Feature Enhancement	N/A	Database	Newly added support for the Apache Derby open source database	In order to facilitate a new version of ExtraView that is capable of being used without license fees, support for the Apache Derby database has been added. By and large, this database is not as fully featured or as high performing as other commercial databases, but it provides the basis for a product that will meet the needs of small installations.

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82127	Feature Enhancement	N/A	Escalation	New ability to use "equals" and "not equals" as filters in escalation rules	Previously all filters could only use an operator of "equals". Now the filters may be set to either "equals" or "not equals".
107409	Feature Enhancement	N/A	General code issues	Intermediate secure proxy caused Internet Explorer problems when uploading documents	There is a bug in Microsoft Internet Explorer which prevents documents being uploaded to a server where there is non-secure back-end server instance in a network with secure proxies. To counteract this, there is a new behavior setting named <code>CACHE_ENABLE_FIX_FOR_IE</code> . Set the value of this behavior setting to YES when you have a network configured in this manner. This is highly unusual and most instances should not need to reset the default value of NO for this setting.
125392	Feature Enhancement	N/A	Import and Export	Solution to update embedded hyperlinks in email templates to point to appropriate environment when code is migrated from one server to another	The use of the token <code>\$\$APP_HOME\$\$</code> is now supported in email templates to aid in the migration of email templates from a development to a production environment. This means that the server name can be obtained at runtime and inserted into the email template.
83775	Feature Enhancement	N/A	LDAP	Modify <code>EDIT_SCREEN_LDAP_FIELDS</code> functionality to only perform lookup when the user field changes	The configuration property <code>LDAP_EDIT_FIELDS_CHANGE_ON_REFRESH = NO</code> changes the behavior of the LDAP edit field updates by modifying the fields ONLY when the parent user field changes, not when the edit screen is first rendered nor when the edit screen is refreshed, as is done otherwise. This is new functionality
87944	Feature Enhancement	N/A	LDAP	User defined fields on user account records can now be mapped to an LDAP server	The ten user defined fields on user account records may now be mapped to fields on an LDAP server. These fields are named <code>LDAP_USER_DEFINED_1</code> to <code>LDAP_USER_DEFINED_10</code> .
73460	Feature Enhancement	N/A	Notification	New feature to keep a history log of email notifications sent	There is a new field named <code>NOTIFICATION_HISTORY</code> . This can be placed on History layouts, allowing the display of the users who were notified upon each change of an issue to be displayed as part of the history screen.
83642	Feature Enhancement	N/A	Performance	JavaScript files are compressed for improved performance in user's browsers	There is a significant amount of JavaScript being delivered to user's browsers, and as the functionality of the user interface improves, the amount of JavaScript increases. The JavaScript is now compressed on the server, resulting in significantly improved page download times, especially on slow network connections.

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100503	Feature Enhancement	N/A	Quickedit	Quickedit enhancement - now available on Home Page reports	Any column report that is configured with the Quickedit button will have the Quickedit button be operable on the Home Page when the column report is placed on the Home Page. In addition, any number of issues may be altered with Quickedit sessions at one time.
118825	Feature Enhancement	N/A	Rules Engine	HTML_PRE and HTML_POST field rules -syntax changes	<p>With this version of software, the syntax of using the HTML_PRE and HTML_POST fields has altered, simplifying the syntax and allowing for a more consistent rendering of the results on Add and Edit screens.</p> <p>The upgrade process will, whenever possible, alter any current rules that use HTML_PRE and HTML_POST structure to conform to the new syntax. It is possible that complex use of the commands cannot be processed by the upgrade program. In this case, a message is placed in the ExtraView log file and the administrator will need to manually adjust the syntax. Please see the Administration Guide for details of the altered syntax.</p>
119117	Feature Enhancement	N/A	Search / Report	An Edit Issue button is added to Hierarchical reports for the top level record	Previously, drilldowns from hierarchical reports were not allowed, given that it was not obvious which record in the hierarchy the user would be drilling down into. An Edit button is now added, allowing the user to drill into the top-level record in the hierarchy.
76231	Feature Enhancement	N/A	User Custom	Add a new UserJavaScript method that is called after a successful Ajax refresh	<p>Ajax calls are used within forms for several purposes. For example to process the results for many layout cell attributes such as Required If, and Visible If, as well as to process dependencies on embedded layouts such as their visibility. There is now a user custom JavaScript method which, if defined, allows you to provide logic following the return to the client browser from an Ajax call. The signature to the method is userJavaScriptOnloadAjax(layoutType).</p> <p>layoutType may have a value of ADD_PROBLEM, EDIT_PROBLEM, or SEARCH, depending on the layout type calling the method. This allows you to have different logic executed according to the layout calling the method.</p>

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109426	Feature Enhancement	N/A	User Custom	Filtering Related Issue Displays	For some complex applications it is useful to be able to add additional filters dynamically to the related issue display results. To achieve this, a new user custom exit named ucRewriteRIDWhereClause has been added, along with a new user custom JavaScript file named UserEarlyJavaScript.js has been provided.
76295	Product Bug	6.0.4	API & CLI	The CLI command evreport did not return large numbers of records reliably	When utilizing the CLI command evreport to return very large numbers of records (in excess of 5,000), the command would sometimes fail. Returning the results in XML format worked fine, but when returning the results in text format, would not produce results. The problem was found to be in the XML parser and was fixed.
76598	Product Bug	6.0.4	API & CLI	evupload error with special characters	When the CLI command evupdate was used to update a text field of an issue with a string that has special characters in it (e.g. Québec), the field is not updated properly. What was seen in Extraview was "Qubec". A new environment variable named EVENCODE has been introduced to allow users to set their own encoding in their DOS command prompt if they wish to use something other than other than UTF-8.
77303	Product Bug	6.0.4	API & CLI	evhist -p option was not working	This option, which allowed the user to specify a specific report to validate the fields returned by the server, as opposed to using the detailed report was not functioning. This has been fixed.
107432	Product Bug	5.2.3.4	API & CLI	The allowed_list API function generated a StringIndexOutOfBoundsException	This was caused on a customer's site because an internal ID for a UDF list value had only 2 digits, and the code was assuming that the ID would always have a minimum of 3 digits. This was fixed.
77274	Product Bug	6.0.4	Add & Edit	After pressing the Enter key while doing QuickEdit in a user popup field, the current user was signed out	This happened in the unusual configuration where the Quickedit was configured on a related issue display, and it was the only field on the display. When this happened, the ENTER key would cause a session expiry, resulting in the user being signed out of the system. This has been fixed.
80589	Product Bug	6.1	Add & Edit	Popup user fields were not triggering rules when a name was typed in by the user as opposed to being picked from the popup list	If an administrator configured a rule based on a user field which was being displayed in a popup list, then the rule would not be triggered if the user typed in the name as opposed to picking it from a list. This has been fixed.

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83561	Product Bug	6.1	Add & Edit	Recursion error in Ajax refresh	Ajax refresh within an add or edit screen was failing when there was a poorly configured layout with a looping in parent-child dependencies. Although this should not have been configured such that a loop in dependencies occurred, the underlying code has been altered so the problem will not occur.
107265	Product Bug	6.1.1	Add & Edit	Duplicate values could be selected in multi-valued pop-up list fields	When selecting a value from a multi-valued popup for a list field, it was possible to select the same value multiple times. The behavior has been changed to only allow each value to be selected once.
107674	Product Bug	6.1.2	Add & Edit	REMOVE_NONE should not automatically select a default value on fields with a display type of radio button	When the REMOVE_NONE layout element attribute is set on a field with a display type of radio button, then no default value is now set. No radio button will be set unless there is an associated default value for the field. This allows a null to remain in the field if the user does not click on a value (assuming the field is not required).
107699	Product Bug	6.1.2	Add & Edit	Alt ID Not appearing in browser tab	When the behavior setting named ITEM_ID_DISPLAY is set to ALT_ID, the ALT_ID is used throughout to display the ID of an issue. The base ID was being displayed in the browser tab of the Edit screen of an issue as opposed to the ALT_ID. This has been fixed.
118897	Product Bug	6.1	Add & Edit	Issue with substitution logic for automatic ALT_ID generation	This was traced to the use of the PROJECT field within the sequence to create the ALT_ID. This inbuilt field had not been coded to work with the ALT_ID capability. This has been fixed.
119290	Product Bug	6.1.1	Add & Edit	Fields with VALIDATE_HIDDEN attribute did not prompt for requiredness when the user updates the record from another "selected by" tab	This has been fixed.
76717	Product Bug	6.0.4	Administration	PR_RESOLUTION.EDIT_BUTTON permissions were not always effective	Missing permission checking for EDIT button was added to several layouts, including the email layout. For Email, the recipient must have READ permission for PR_RESOLUTION.EDIT_BUTTON to see EDIT button on email.
77277	Product Bug	6.0.4	Administration	Access to fields within a Project when the user's role did not have permission	In the 6.0 release PROJECT field-level security permissions were introduced. This problem manifested itself in the project title still being displayed in the list of projects when the user did not have permission to a project. However, the field level security permission worked correctly, therefore no data to which the user did not have permission was ever displayed.

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90001	Product Bug	6.0.4	Administration	When there were too many temporary server files to cleanup users could not sign off and processes became stuck	A customer reported this problem. Hundreds of thousands of temporary files were in the temporary storage directory (from charts that had been run over a long period of time). The cleanup process was not able to complete its task before it started again, causing a looping condition. The cleanup process has been improved to prevent this condition.
101844	Product Bug	6.1.1	Administration	"Add New" layout cell attribute gave JavaScript error on add and edit screens	In the previous release the popup window type for windows from the add / edit screens was altered for performance reasons. The ability to add a new value to a list by using a layout cell attribute within the layout was inadvertently broken during this process. The bug has been fixed.
105825	Product Bug	6.0.4	Administration	Adding a new PROJECT value and setting its permissions did not appear to propagate the new value across all load-balanced application servers	Not all changes to metadata on an application server were being propagated to other application servers in a timely manner. The workaround was to restart the application servers. The source problem was found and fixed.
60208	Product Bug	5.2	Allowed Values	Module field assigned to feature was not working if there was only a single module in the list	This was a minor bug given that it is unusual to only have an installation with a single module value. This was fixed.
76552	Product Bug	6.1	BatchMail	Notifications to users who elect to receive text-only email may not be received	The mime type for text only email was not being set correctly, and some email programs did not handle the absence of this mime type. The mime type has now been explicitly set to text/plain to take care of the problem.
119236	Product Bug	6.1	Database	Changed the collation for MySQL databases to case sensitive indexes	This provides consistency with the implementation for other databases.
118338	Product Bug	6.1	EV Mail	EMAIL did not resolve email addresses to all users when the behavior setting EMAIL_ALLOW_UNQUAL_ADDRESSES is set to YES	This was resolved and all user's unqualified email addresses should be resolved when the setting EMAIL_ALLOW_UNQUAL_ADDRESSES is set to YES
76718	Product Bug	6.0.4	History	The History report did not show all repeating record changes when ABBREVIATED_HISTORY=YES	This problem was found to occur when only a user-defined field value was altered on a repeating row, without other changes being made. The problem was fixed.
99355	Product Bug	6.1	Import and Export	System error (ORA-00936: missing expression) when exporting metadata	This occurred when a contradictory set of families was chosen. When the option "all" was chosen with "all except reports" then the error would occur. This has been fixed.

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99362	Product Bug	6.1	Import and Export	Metadata import error fixed	The user interface allowed the selection of both "all except reports" and "reports" on the families choices. This led to an error that could not be handled. The user interface has been fixed so this combination of choices cannot be made.
87862	Product Bug	6.1	Interest Lists	Interest list filtering error is fixed	When an interest list was created with a filter where the value of the field was set to *None*, the program interpreted this as *Any*. This was a bug and has been fixed.
119763	Product Bug	5.2.2.2	Internationalization	Localized title of the PRIVACY field is not displayed within the Add screen	The SQL for this field did not utilize the localized function to retrieve the value and always displayed English. This has been fixed.
118334	Product Bug	6.1	LDAP	Allowed values on Assigned To field were not working with LDAP connections	In the allowed value definition, if the parent value was not defined, ExtraView was not processing the null parent while rendering popup user fields. It was working correctly for the more normal use case if the user fields are displayed as List fields. This has been fixed.
90167	Product Bug	6.1.1	Layout Editor	The layout editor was not observing project security permissions correctly for multiple administrators	Within the layout editor, the project list would show all the list of projects, without obeying the permissions set. This only affected a multi-tenanted environment with multiple administrators being defined with different permissions. This was fixed.
101886	Product Bug	6.1.1	Notification	Email Rules are not working.	Notification directives set up as email rules did not work correctly for adding issues in version 6.1.1. Changes had been made to the code in version 6.1.1 to more correctly deal with security permissions on notification. This change inadvertently caused problems with some email business rules connected to adding issues. The problem is resolved with this patch.
83508	Product Bug	6.0.4	Relationships	Sorting on the TIMESTAMP field failed on Related Issue Display layouts	If the TIMESTAMP field was placed on a related issue display layout, and the user clicked on the title to the field to sort the entries by that value, a program exception occurred. This has been fixed.

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89996	Product Bug	6.1	Rules Engine	MAIL action sent email notifications to disabled users	<p>When using the MAIL special action rule with the ROLE identifier to send an email template to all users in a certain user role, not only did active users with the specific user role receive the notification, but also users that were disabled and had been assigned to the same user role were copied as well.</p> <p>For example, the following MAIL special action rule generated the email notification to both active and inactive users with the RTF_ANALYST user role:</p> <pre>{MAIL: 'RTF_ANALYST_EMAIL', ROLE:RTF_ANALYST};</pre> <p>This behavior has been modified so that only active users receive the notification.</p>
119105	Product Bug	6.0.4	Rules Engine	Summation of Repeating Number fields did not work for multiple rows	<p>When adding a Number-type repeating row field to calculate the total sum for all rows, only the last row's value was assigned to the total value. For example, the following business rule is used to calculate the total amount for all RELEASE_NUMBER repeating field values, with three repeating rows with values 3, 2, and 1, and the TOTAL_NUMBER value assigned was 1.</p> <pre><== preupdate ==> TOTAL_NUMBER = 0; if (RELEASE_NUMBER != {NULL}) { TOTAL_NUMBER += RELEASE_NUMBER; }</pre> <p>This previously did not return the correct result. The problem was repaired.</p>
123131	Product Bug	6.1.2	Rules Engine	Business Rules would not postpend with &= when the field display type is of HTML Area type	<p>This has been fixed to work similarly to all other text and text area fields. It is up to the administrator to ensure valid HTML is appended to the HTML area entry with a rule.</p>
87865	Product Bug	6.0.4	Search / Report	Fields with a display type of "day" could not be used as runtime filters on reports	<p>DATE fields worked correctly, but DAY fields were not capable of being used as runtime filters. This has been fixed so both types work correctly.</p>

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101874	Product Bug	6.0.4	Search / Report	Filter operators on date queries with Microsoft SQL Server database sometimes returned erroneous results	For reasons only known to some poor souls in the depths of Microsoft, the rounding of datetime Fractional Second Precision datetime values are rounded to increments of .000, .003, or .007 seconds when performing queries with SQL Server. Why the normal rounding conventions are not followed is a mystery. This caused some date calculations with a result very close to midnight to round the date to carry over into the next day. ExtraView now compensates for the rounding.
120359	Product Bug	6.0.4	Search / Report	Filter Criteria containing "Contains" operator reverts to "equals" operator and includes * in value	This happened when setting filters on the advanced query screen, when the field with the filter was a text field. This has been repaired.
122328	Product Bug	6.0.4	Search / Report	Null pointer in text output of detailed report on repeating rows	This occurred if there was a null value in a repeating row user defined field. This has been fixed.
107266	Product Bug	6.1.1	Sign On	Errors occurred upon login attempts for users whose passwords were expired	Users that have their password expired were receiving multiple errors when attempting to access the system from either the login screen or a View/Edit button in notification email. This has been fixed.
105691	Product Bug	6.1.1	Web Services	Web Service responses require slightly different WSDL for some XML readers	The generated WSDL files in the web services worked fine with most XML readers. However, some applications require a slightly different WSDL file for compatibility. ExtraView will now be shipped with two sets of WSDL files so that compatibility with a wide range of XML readers is available.
77345	Action Item	6.0.2	Daemon	CLOSE_WAIT and performance of the Perforce integration daemon	With a badly configured Perforce integration daemon, the performance was observed to slow down and the system console showed the presence of "CLOSE_WAIT" statements from the network sockets. The termination of the daemon in the case of incorrect configurations has been changed to eliminate the network socket error.
Count: 68 records					