



ExtraView 22.0

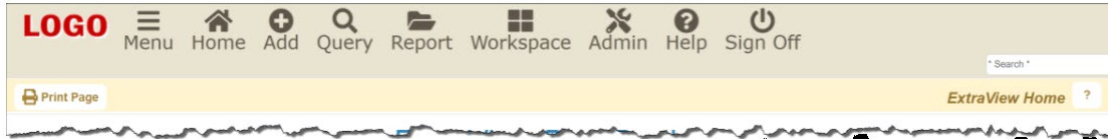
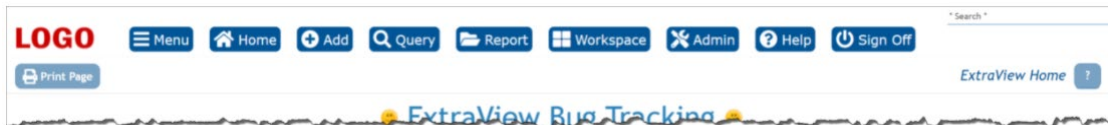
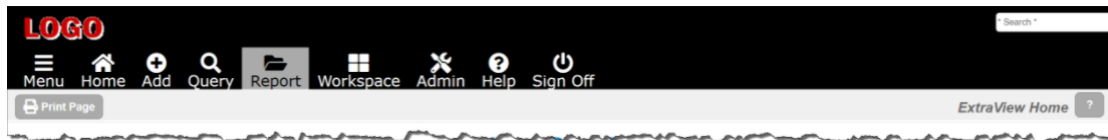
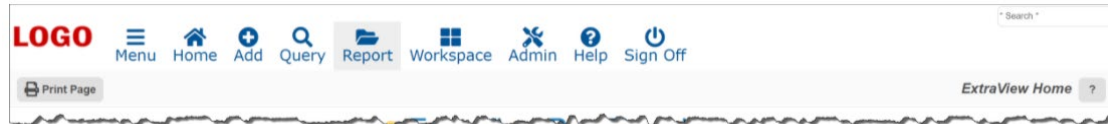
Key New Features

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General Improvements

- Navigation bars may now be configured with icons as opposed to images
 - Navigation bars can be created without a graphics designer
 - There is a choice of approximately 6,000 icons to use
 - There are a number of built in themes with pre-designed nav bars
 - Each button on the nav bar can be customized with colors and icons
- There is a new enhancement to two-factor authentication of the sign on process, whereby the user of unrecognized devices will need to confirm their access by responding to a code sent in email
- Icons can now be displayed alongside the text in all menubar buttons. This is controlled with a new behavior setting named `DISPLAY_ICONS_ON_MENU_BUTTONS`

New Navigation Bars Based on Styles



- The images are a small sample of inbuilt styles
- No images are required (except for Company Logo)
- Library of 6,000 images to select for icons
- Icons and text are optional (must have one or both)
- Colors are easy to change and match to any corporate theme
- Buttons can be styled globally or one-by-one

Icons on Menubars

Example admin menubar



Report output menubar



Edit screen menubar



- For backwards compatibility icons can be turned off with a behavior setting
- Icons are automatically colored the same as the text used within the menubar buttons

Workflow

- The autocomplete (typeahead) functionality has been enhanced to find exact matches based on the typeahead suggestions and to better handle the input for multi-valued list fields
- The navigation bar and workspace menus now load significantly faster
- The “Add Another” button on repeating rows can be controlled on each individual layout, as opposed to globally
- New option to copy selected attachments from a parent issue to selected child issues
- Embedded reports now have a new option to allow the addition of new issues via a button on the report header

New Embedded Report Option

The screenshot shows a dialog box titled "Layout Cell Attribute" with a close button (X) in the top right corner. At the top, there are three buttons: "Update", "Cancel", and "Print Page". The main content area is divided into sections:

- Attribute:** REPORT OPTIONS
- Description:** Set the options for the embedded report menu with this attribute. The only option set on by default is to provide the report with a title. Note that if you place a **Filter Button** on the report, you should ensure the SIZE and HEIGHT layout cell attributes are of sufficient size to display the popup for the filters.
- Layout Name:** LAYOUT.CUSTOMER_LOCATION_REPORT
- Options:** A list of checkboxes, each with a help icon (i):
 - Report Title
 - Refresh Button
 - Drilldown Button
 - Add Issue Button (highlighted with a red arrow)
 - Filter Button
 - Mass Update Button
 - Report Filter Display
 - Expand/Collapse All
 - Additional Keyword Filter
- Page Size:** A text input field with a help icon.

Allows new issues to be added directly from an embedded report

Reporting

- The global behavior setting named SORT_SELECTED_VALUES can now be set as a layout cell attribute on a field within any layout
- Embedded reports allow one embedded report to drill down into a second report. This behavior has been extended to support drilldowns into detailed reports
- The user runtime instructions set in the report editor now replace the built in message as opposed to complementing this. This allows better tailoring of the runtime instructions to users
- When utilizing Gridedit mode, each row is now displayed with an alternating background color
- The 50-character limit on popup fields as filter criteria within queries and reports has been increased to 1,000 characters
- The query terms, user and other information on reports may now be suppressed, report by report

Administration

- The user interface to the Business Rule editor has been greatly enhanced:
 - Rules within a business area can be split into named blocks within tabs, making it much easier to maintain large sets of rules
 - Tabs can be reordered and renamed
 - Rules have line numbers and different directives are colored for clarity
 - There is find & replace capability
 - Automatic code formatting / insertion of brackets
- Within Business Rules, the *contains* value qualifier has been enhanced to better support multi-valued list fields. You can now determine when the selected values within one list are contained within another list
- There is a new Business Rule directive named LINKRR. This allows links between issues to be made, when repeating row filters are set

Administration (continued)

- New ability to trigger a SAVE CHILD rule, only saving one child record within an EDIT RID layout, not all children
- There is a new layout cell attribute named ROW VISIBLE IF which enables control of the visibility of any row within an EDIT RID layout
- There is a new layout cell attribute named ROW STYLE IF which enables control of the style of any row within an EDIT RID layout
- There is a new layout cell attribute named EDIT RID SHOW COLUMN HEADERS. When this is selected, EDIT RID layouts will display column titles within the header of the display
- The ADD NEW layout cell attribute has been enhanced to allow the administrator to set the DO_NOT_MIGRATE attribute for list values that are added

Administration (continued)

- There is a new option in the data dictionary to allow the file names uploaded as documents and images to be case sensitive
- The value used within filters for Related Issue Displays can be taken from the current value for the field of the same name that is displayed to the user on the screen at the time the filters are applied to create the Related Issue Display
- Menubar buttons can now be placed on Related Issue Display pre-headers
- The logging of SAML messages has been improved to aid in the debugging of new connections
- The User Import utility can now update existing user accounts as well as create new user accounts

Business Rule Editor

Update Return Print Page Setup and Maintain Business and Email Rules ?

Rules Instructions

Rules may be defined in the Global Area or within a specific Area for your installation. Rules defined within a specific Business Area are executed first. Following this, rules defined within the Global Area are executed. There is no checking as to whether rules defined in a specific Business Area are in conflict with rules in the Global Area. Global Area rules have precedence over rules in a specific Business Area.

For convenience, rules may be divided into blocks within separate tabs in the editor window below and are executed in the order of the blocks. Rules are only editable in the Full View block if you have not created your own blocks. When you have created your own blocks, the Full View block shows the consolidated set of rules. From the list, select the Business Area within which you want to define or update the rules.

Select Business Area Bugs

Editor shortcuts:

Ctrl-F	Search for a string	Ctrl-G	Find next occurrence of a string
Ctrl-Shift-G	Find previous occurrence of a string	Ctrl-Shift-F	Find and replace occurrence of a string
Ctrl-Shift-R	Find and replace all occurrences of a string		

Full View OnChange Rules x PreUpdate Rules x +

```
1  ###>>>OnChange Rules<<<###
2  ## Link to Customers area
3  <== link customerLink ==> AREA='Customers', CUST_LIST=CUST_LIST
4
5  <== load ==>
6
7  ## Set the Screen name into the form for the add screen
8  if (SCREEN_NAME = 'ADD') {
9    SCREEN = 'ADD';
10 }
11
12 if (SCREEN_NAME = 'EDIT') {
13   SCREEN = 'EDIT';
14 }
15
16 ## Retrieve the customer details when loading an issue
17 if (SCREEN_NAME = 'EDIT') {
18   CUST_LIST      = (customerLink).CUST_LIST;
19   CUST_PHONE_NUMBER = (customerLink).CUST_PHONE_NUMBER;
20   EMAIL_ADDRESS  = (customerLink).EMAIL_ADDRESS;
```

- Rules can be split into arbitrary named tabs
- Highlighting of elements within editor
- Search / Find / Replace
- Automatic completion of parentheses

API & Integrations

- There is a new user custom exit, named *ucSetLoginRole*, which allows a developer to set a role for a user immediately upon signing into ExtraView