ExtraView 20.1
Key New Features

User Interface Improvements

- The color of the background within the Gateway navigation bar can now be set

- The width of the Gateway navigation bar is now remembered for each user, after they alter its width

- The Gateway navigation bar does not generate a screen refresh when the contents of the page alter

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Workflow

- Most report types may now be embedded within *add / edit* screens. In addition, values from fields on the screens can be used as runtime filters for the reports and user changes to these values result in the automatic refreshing of the embedded report

- Conditional logic may be applied to *edit_rid* layouts, across the different rows (i.e. issues) within the rendered layouts

- There is now a visual indication when a user triggers a request to the server within an *add / edit* screen. Some requests can take a little time to return with data and the indicator provides feedback to the user that the system is working

- The mobile client now supports the direct taking and uploading of photographs within the client

- A different title can be provided for each *add* and *edit* screen within an installation

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Embedding Reports on *Add / Edit* Screens
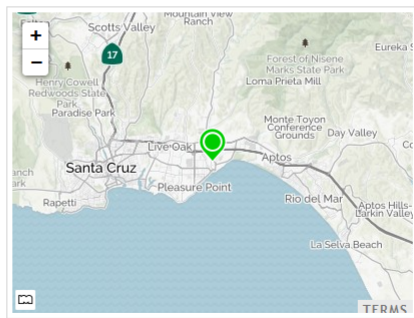
Reporting

- The ability to merge data from Microsoft Excel with ExtraView data has been extended to Matrix and Summary reports

- The range of dates displayed on Matrix report output may be extended before and after the dates where data is reported

- Users may specify a date format of their choice to be set when outputting a report, irrespective of the date format of the user running the report

- User images on reports may be suppressed with a new option

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Administration

- Previously the menubar buttons were relatively fixed, relying on security permissions to control their presence on *add / edit* screens. The buttons are now placed on embedded layouts, providing a much greater level of control and the ability to generate additional buttons without the need for custom control. This also provides the ability to support layout cell attributes for styling and visibility

- All menubar buttons can be placed anywhere within *add / edit* screens. In addition, drop-down menus with these buttons can be placed within the screens or may replace the standard menubar functionality

- Menu buttons now support the placement of an icon within the button. A library of some 1,500 icons is provided

- Fields within the data dictionary have been reordered into more logical groupings under the top-level tabs

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Administration (continued)

- Two factor authentication (2FA) is available with a new behavior setting

- The initial data dictionary screen now displays additional information about the type of field

- The width of each column within Related Issue Displays can now be controlled within the Design Center

- The visibility of PAGE_PRE_xx / PAGE_POST_xx layouts can now be controlled with a layout cell attribute

- Minor alteration to how layout inheritance operates – see following diagram

- User defined fields may now be placed on the search popup for users

- The session ID is now displayed on the Session Management administration screen

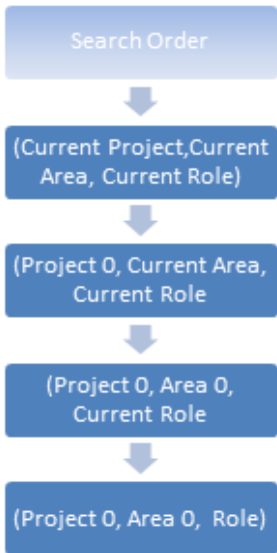ExtraView

Administration (continued)

- The OBJECT directive has been extended to allow for the creation of an allowed value when a list value is created
- There is an enhancement to allow the triggering of ONCHANGE rules upon the clicking of any menu button
- Case conversion of text fields can now be accomplished with rules
- Dynamic URL links can now be created within rules by exposing the SITE_URL and EXT_SITE_URL values to rule processing
- Link rule expressions may now contain a *contains* phrase to search for multiple values
- The ATTENDEE attribute within MEETING rules may now reference text fields
- The parsing of EVMail has been altered to support changes within Microsoft Office 365
- Tasks now support the ability to control who receives emails related to error and warning events

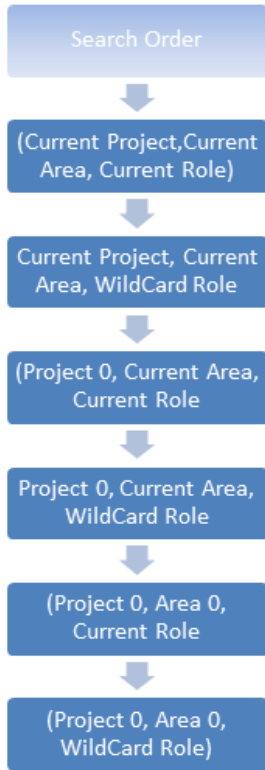**ExtraView**

Administration (continued)

- The Gateway interface now supports direct access to other ExtraView sites via an OAuth2 token mechanism to provide a more secure link and to reduce the need to continually sign in to the remote site

- Shared and Personal Home Pages may now be added directly to the Gateway navigation bar

- Individual reports may now be selected for migration from one ExtraView instance to another

- The DISPLAY_SIGNON_URL is superseded with a new admin option to create content that is displayed on the sign on screen

- Alerts to the administrator are now generated when a task unexpectedly stops

- In a clustered system configuration, nodes may now be administered from a remote node

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Layout Inheritance Change

Previous Inheritance Order

Search Order

↓

(Current Project, Current Area, Current Role)

↓

(Project 0, Current Area, Current Role

↓

(Project 0, Area 0, Current Role

↓

(Project 0, Area 0, Role)

New Inheritance Order

Search Order

↓

(Current Project, Current Area, Current Role)

↓

Current Project, Current Area, WildCard Role

↓

(Project 0, Current Area, Current Role

↓

Project 0, Current Area, WildCard Role

↓

(Project 0, Area 0, Current Role

↓
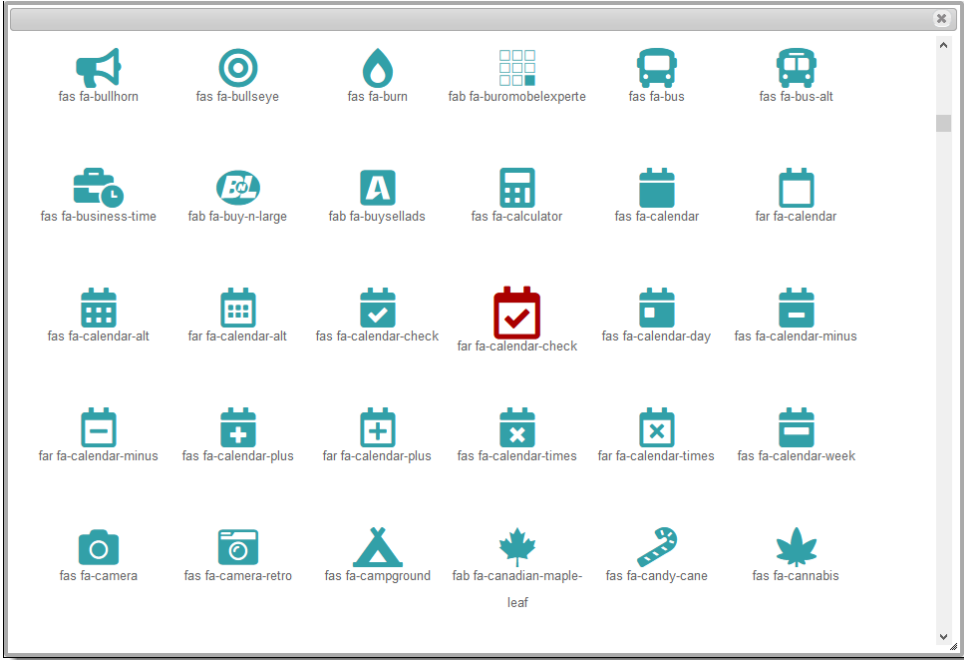
(Project 0, Area 0, WildCard Role)

For most purposes, the selected layouts do not change, but the new order embraces wildcard roles

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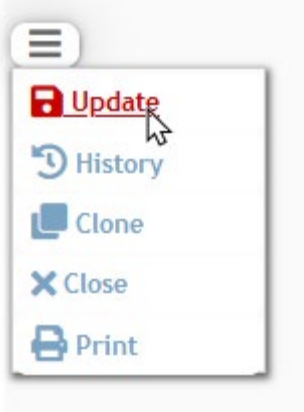
New Menu Options

Menubar with icons on buttons
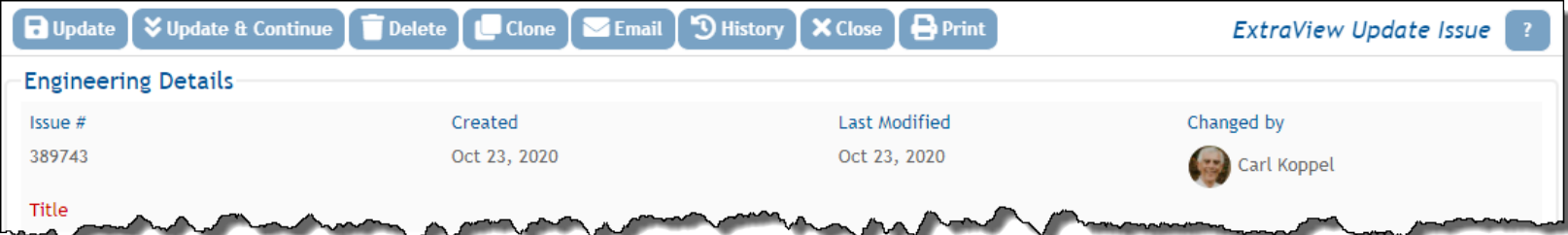
Icon Library

Drop-down menus

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API & Integrations

- There is a new *get_token* command that API users to request an OAuth2 token from a remote server. This token can be used in place of a User ID and password being passed in clear text to the server for each successive API call

- New option to return embedded images within HTML Area fields in Base 64 encoded form

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