Technical Enhancements 8.1.0.0

Enablement Material

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Agenda

1. Drop-down sort, filter, and highlight
2. Indication of sortable columns in a list
3. Carbon 11 Update
4. Multi-locale support for Work Queues, Quick Links, and Organization Structure
5. New financial hook points

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Drop-Down Sort, Filter, and Highlight

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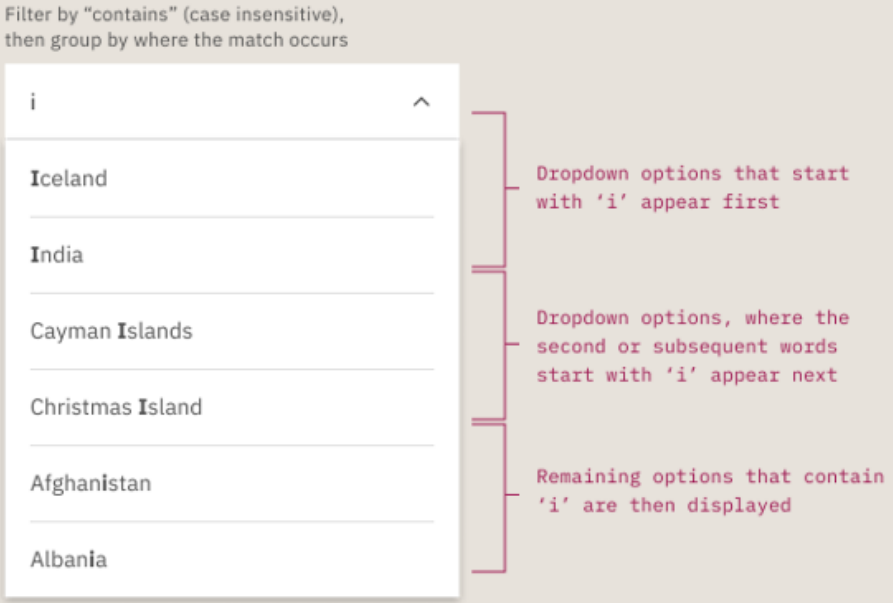
Drop-down Sort, Filter, and Highlight

The drop-down sort and filter mechanism has been enhanced to match and present content that contains or starts with a particular character.

This feature improves the sort and filter in the drop-down so the user can select an option with fewer keystrokes.

This enhancement applies to all drop-downs in the Social Program Management application, except drop-downs in Intelligent Evidence Gathering (IEG) scripts.

The filtered drop-down options are sorted and displayed in the following order:



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Indication of Sortable Columns on a List

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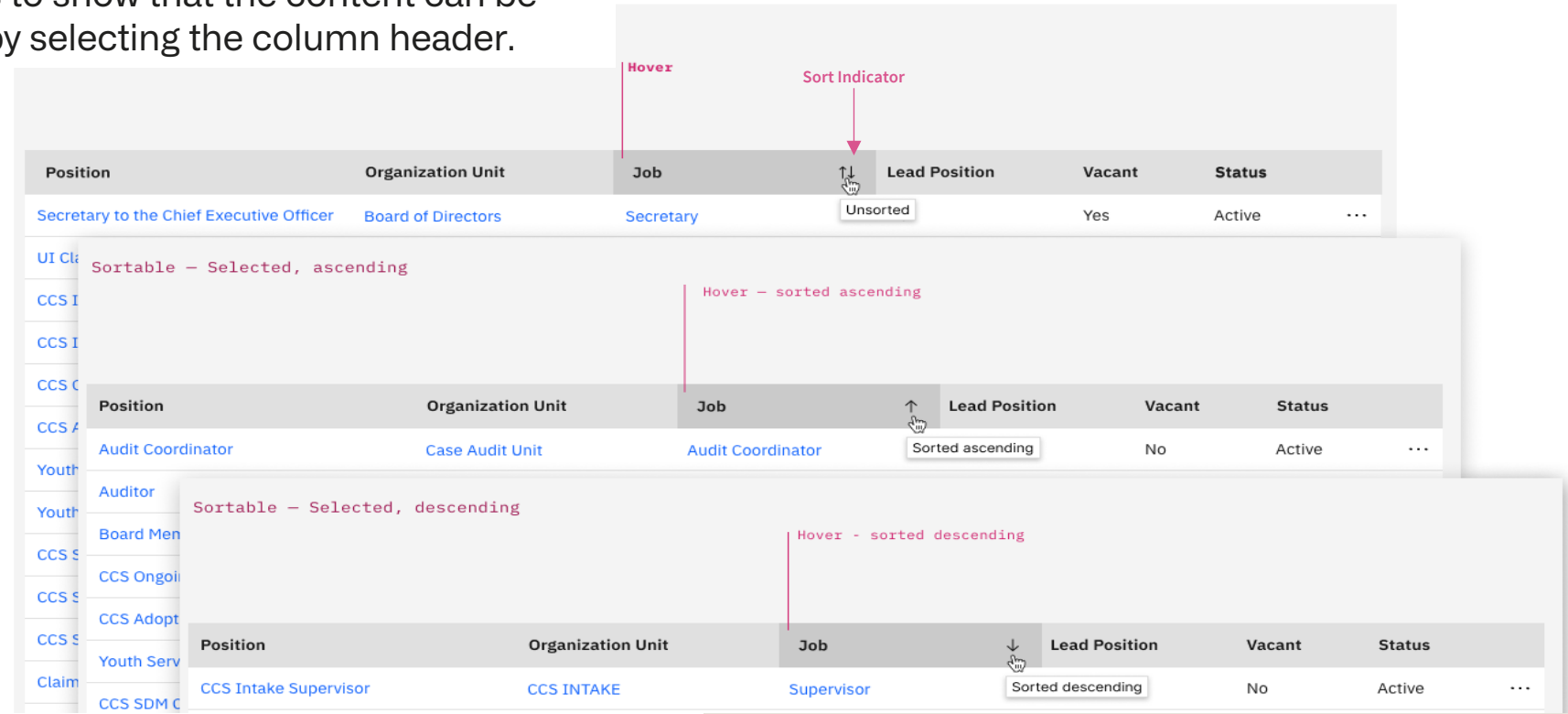
Indicator of Sortable Content

An indicator has been added to table headers to show that the content can be sorted by selecting the column header.



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Carbon 11 Upgrade

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Upgrade to Carbon 11

Carbon v11 focuses on updates for designers and developers including token and prop renaming for ease of use, component API updates for a more predictable developer experience, and introducing CSS grid for accurate layout building in line with the design language.

What's new

- Changes in tokens names to make them easier to use
- Improved theming (enables theming and dark mode support in the future)
- The introduction of CSS Grid
- A 90% decrease in compilation for Styles from Carbon (Moving to Dart Sass , migrating to Sass Modules)
- Updates to the accessibility of components

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Upgrade to Carbon 11

In 8.1.0.0, the version of Carbon has been upgraded from version 10 to version 11.

In Carbon version 11, the CSS class name prefix "bx" has changed to "cds". For example: bx--cluster has changed to cds—cluster.

Users with custom code should review their CSS to assess if they are impacted by this change.

For more information about CSS in Social Program Management, see "Cascading Style Sheets" in the *Web Client Reference Manual*.

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Multi-Locale Support for Work Queues, Quick Links, and Organization Structure

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Multi-Locale Support for Work Queues, Quick Links, and Organization Structure

Multi-locale support is now available for Work Queues, Quick Links, and several elements that make up an agency's Organizational Structure

- Enables caseworkers to view the information in the same language in which the application is displayed based on their user locale, for example, viewing a list of work queues or searching for an organization unit to assign as a case owner

Administrators can now use the existing Text Translation feature to provide multi-locale support for the following business objects:

- Work queue name
- Quick link name
- Announcement text and comments
- Organization structure name
- Organization unit name
- Position name
- Job name
- Location name
- Location schedule slot name

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Technical and Upgrade Considerations

To support multiple locales, the text fields for the business objects listed previously have been re-modeled and coded using the Localizable Text entity.

- Text fields stored on the business entity, such as ***WorkQueue.name***, are now represented as an identifier, such as ***WorkQueue.nameTextID,*** instead of a piece of text in a single locale.
- Identifier relates to the localizable text, which can have multiple associated text translations of the specific text

Text displays in a user's locale where possible; however, if translations are not available a locale fallback mechanism is used:

- The first available translation identified in the following order of priority is displayed.
- If no translations are available, then no text is displayed.

Priority	Translation locale	Example
1	User locale	fr_CA
2	User locale language	fr
3	Default server locale	en_US
4	Default server locale language	en
5	Legacy text if the field is a migrated legacy field	-
6	Blank	-

Note: It is an administrator's responsibility to configure a locale-specific version of each localizable text record and to prioritize the configuration of the final fallback translation.

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Technical and Upgrade Considerations

Due to the need to re-model and migrate the text fields that now support multiple locales, there may be upgrade impacts.

Existing customers who are upgrading to version 8.1 and have any of the following are affected:

- Live data on any of the tables involved in the data migration – Requires running a FieldLocalizationUpgradeBatch batch process to perform the required data migration
- Custom SQL that references the fields involved in the data migration
- DMX data that is used to populate the fields of the tables involved in the data migration

For more information, see the following documentation:

- 'Multi-locale support for Work Queue, Quick Link, Organizational Structure and related tables' section in the Upgrade Helper guide
- 'Localizable text translations' section in the Localization section of the Web Client Reference guide
- System Administration guide
- Personalized POD Page Configuration guide
- Workflow Overview guide
- Organization Administration guide
- Location Administration guide

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New Financial Hook Points

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Financial Hook Points

New financial hook points are now available for use in implementing custom financials processing.

Regenerate Instruction Line Item (ILI) Hook

- Currently, all ILIs that are included when a payment is generated are regenerated if the payment is reissued after cancellation.
- You can now instruct financials processing to not regenerate specific ILIs by providing an implementation of the ***curam.core.hook.impl.RegenerateInstructionLineItemHook*** customization point.
- This allows agencies to prevent the regeneration of ILIs, such as those created for third party deductions, when cancelled payments are reissued.

Third-Party Deductions Hooks

- You can now use available hooks in the following interfaces to perform custom business processing before and after the creation of third-party deduction instruction line items.
    - ***curam.core.impl.PreCreateThirdPartyDeductionILIs***
    - ***curam.core.impl.PostCreateThirdPartyDeductionILIs***

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Financial Hook Points

Instruction Line Item post insert hook

- You can now use a new post insert hook on the following abstract class to implement custom business processing, such as updating custom financial entities after ILIs are created.
  - ***curam.core.sl.event.impl.InstructionLineItemEvents***

Payment Instrument post insert and post modify hooks

- You can now use new post insert and post modify hook on the following abstract class to implement custom business processing, such as updating custom financial entities after Payment Instruments are created or modified:
  - ***Curam.core.sl.event.impl.PaymentInstrumentInsertModifyEvents***

For more information, see the following documentation:

- 'Financial customization points' section in the Financials guide
- Javadoc for the associated classes

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Thank you

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