Centric 8 Version 6.1

Release Overview

Software version C8.6.1
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CentricSoftware™

New Features / Enhancements– Summary

Summary

Feature	Description
1. CENTRIC 8 BASE	▪ Column Filters on Date/Time Attributes
	▪ Push Images from one Style to many Styles
	▪ Create Color Spec when Creating/Editing Style Colorways
	▪ Push Colorways and Colorway Attributes from one Style to many Styles
2. PRODUCT SPECIFICATION	▪ Update BOM "Match Colors" to select Color Specs
	▪ Data Package cover sheet can include table of SKUs

1. CENTRIC 8 BASE

▪ **Column Filters on Date/Time Attributes**

Business Case

The most effective and easiest to use queries for attributes of types **Date** and **Time**, are ranges. Many users prefer using the ad-hoc column filters rather than defining filters for the Custom Views. Therefore, C8 has been enhanced to support easy range filters on all attributes of types **Date** and **Time**.

Feature Description

The user interface for ad-hoc column filters has been enhanced to present a simple range query for attributes of type **Time**. The UI for selecting the range varies as described below.

> **NOTE** Attributes that users identify as **Dates** are actually **Time** attributes displayed as Dates.

1. If the attribute display format is date, then the range is specified using dates.

   Figure 1: Attribute Display format is Date

2. If the attribute display format is time, then the range is specified using Date while the Time range is enabled only at the time of querying for a specific date.

   Figure 2: Attribute display format is specific Date and Time

3. If the attribute value is always in the past (Created At, Modified At), then convenience ranges like "**today**", "**past week**" and "**past month**" are available.

Figure 3: Attribute values is always in the past

Configuration

As covered above, the UI options for selecting the query range depend on the attribute format. The third option with convenience ranges like "**past week**" and "**past month**" are not available on custom time attributes.

▪ **Push Images from one Style to many Styles**
(◀◀ Features Summary)

Business Case

Multiple styles often share common images. The system can support efficient management of images on multiple styles by allowing the user to push images from one style to many styles.

Feature Description

On the **Style ▸ Properties** tab, View toolbar, a new action **Push Images to Styles** is now available for the user in the **Actions** drop-down menu.

Figure 4: Push Images to Styles option available in the Actions drop-down menu
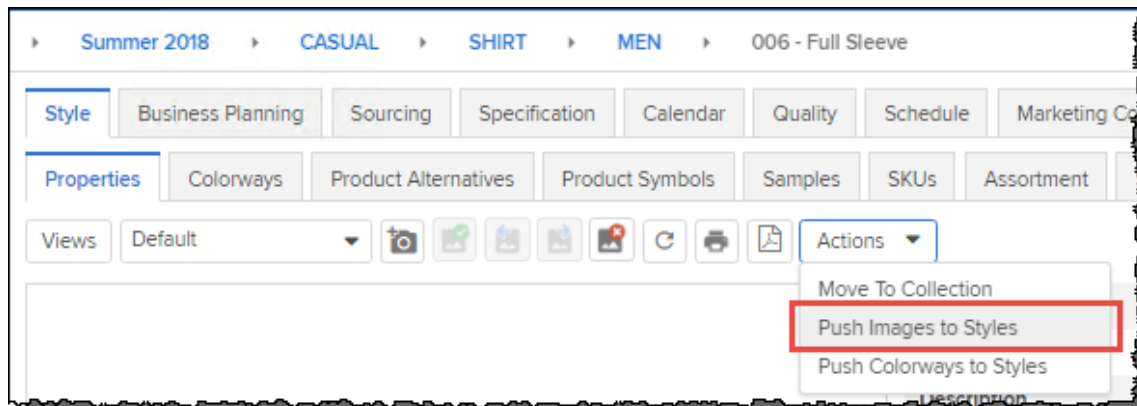
The action presents a two-step wizard. In the first step, the user selects the images to be pushed.

Figure 5: Pushing Images to Styles
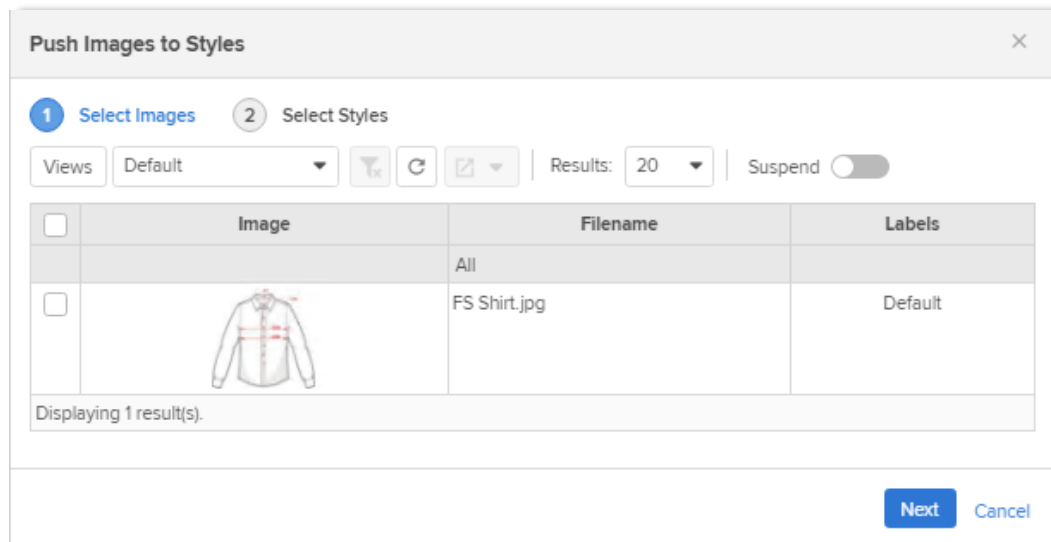
In the second step, the user selects the styles to receive the images.

Figure 6: Selecting Styles to receive Images

The selected images are shared with the selected Styles. Image labels are pushed with the images and overwrite images of the same label on the target styles. The default image is labeled **Default** so if it is pushed then it will overwrite the Default image on the target styles.

Configuration

Style Image labels are not required but improve the ability of the system to understand when to overwrite an image on a target styles vs. simply adding images to the target styles.

- ▪ **Create Color Spec when Creating/Editing Style Colorways**
(◀◀ Features Summary)

Business Case

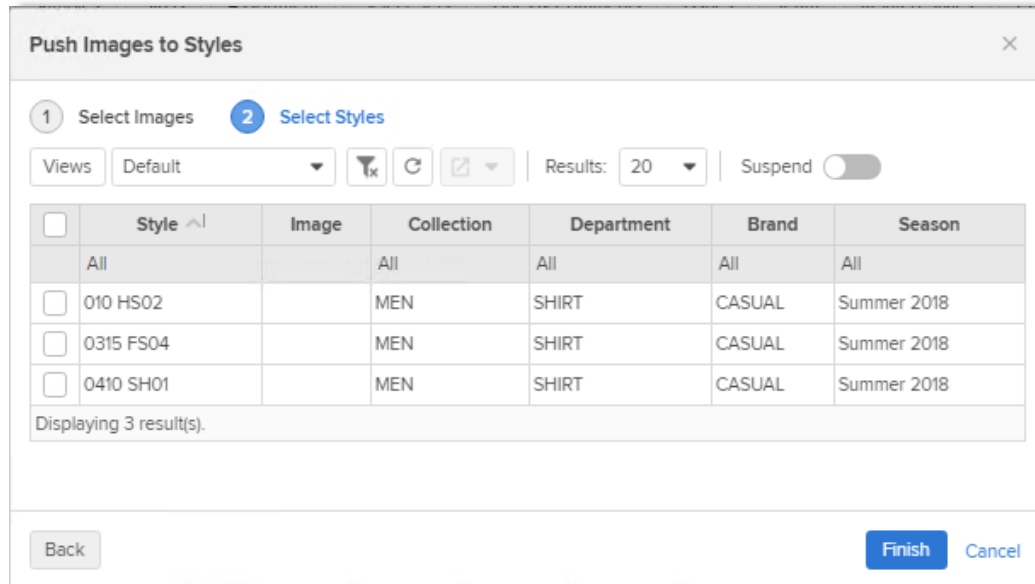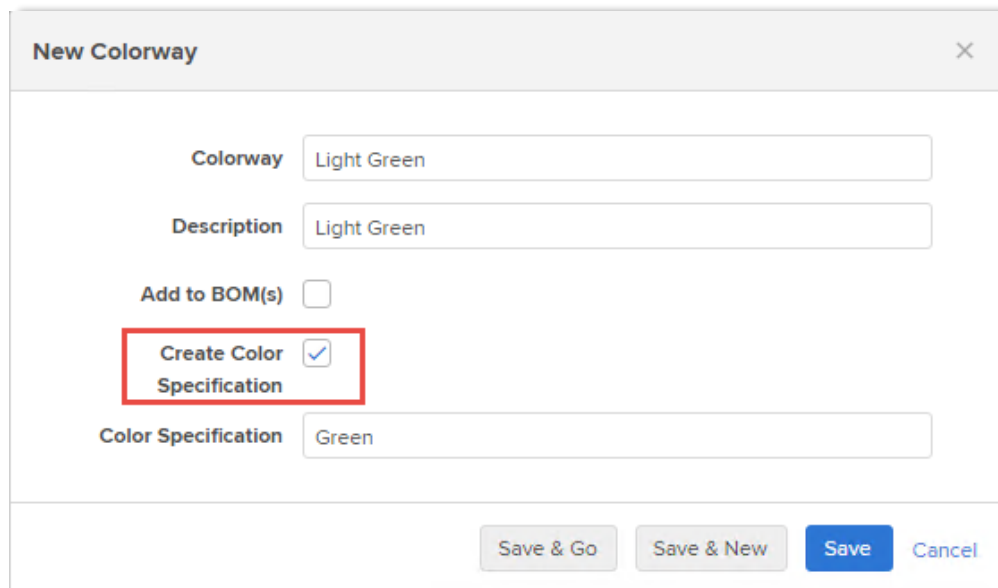Early in the design phase, a user creates style colorways before the appropriate Color Spec exists. The current approach is to create a Colorway with no Color Spec. After the Color Spec has been created at the site level then go to the Colorway and select that Color Spec. The user creating the new Colorway is looking for a process that does not require interrupting the flow of Colorway creation to navigate to the site level, create a Color Spec node, then go back to the Colorway to select the Color Spec. Instead, the user wants to create a shared Color Spec node while creating the Colorway. The image and other attributes for the Color Spec will be entered later. The user will not be required to go back to the Colorway because it will automatically see the updated Color Spec as it has a reference to the node.

This new approach becomes important when combined with the feature to push Colorways from one Style to many Styles. If the original Colorway references a partially completed Color Spec then all the Colorways created from the original will reference the same Color Spec. As the image and other attributes are entered on the Color Spec, many Style Colorways will automatically see that information.

Feature Description

A new check box field **Create Color Specification** has now been added to the Colorway **Create/Edit** form.

Figure 7: Create Color Specification check box field

When the check box is not selected, user can select an existing Color Spec. When it is selected, user can enter a new Color Spec name. When the form is saved, the system will create a new shared Color Spec node and the Colorway will refer to it.

Configuration

This feature must be enabled on Style Type using the new option **Allow Color Spec Create on Colorway**. When enabled, two fields will be added to the **Colorway Create/Edit** form.

Variations of required attributes to consider with this new feature:

Colorway.ColorSpecification	ColorSpecification.Node Name	Action
X	**X**	If the user selects the **Create Color Specification** check box and subsequently saves the form, the system will create an unnamed Color Spec node.
✓	**X**	If the user does not select the **Create Color Specification** check box then a Color Spec node MUST be selected.
✓	✓	If the user does not select the **Create Color Specification** check box, then a Color Spec node MUST be selected. If the user selects the **Create Color Specification** check box, then the user must enter a Color Spec name. With this configuration, the system will never create an unnamed Color Spec node.

Validation rules on Colorway are enforced for colorway create and edit. Validation rules for Color Spec are enforced if the user chooses to create a Color Spec.

If you have configured a Color Spec create form, then its form attributes will appear on the Colorway create form if the user selects the **Create Color Specification** check box on the Colorway form.

- **Push Colorways and Colorway Attributes from one Style to many Styles**

(◀◀ Features Summary)

Business Case

A group of Styles being developed will use the same colorways. The styles are not related in a formal way but the process to create them probably started with one style partially developed, then copied multiple times to create other similar styles. As decisions are made to add colorways to these styles, the user needs an easy way to add a colorway to one Style, enter some attributes for the colorway, then create the "same" colorway on the other styles.

A similar process flow happens later in the development process. After attributes are filled for one colorway, the user will want to set the same attributes on multiple colorways. In this case the system will update existing colorways instead of creating them.

The Theme handles this use case well, but requires formal grouping of styles in a Theme. This new feature addresses cases the users are not working with a formal group of Styles like the Styles in a Theme. The users want to select the target styles ad hoc.

Feature Description

In the **Style ▸ Properties** tab, on the table toolbar, a new action called **Push Colorways to Styles** is now available to the user in the **Actions** drop-down menu.

Figure 8: Push Colorways to Styles
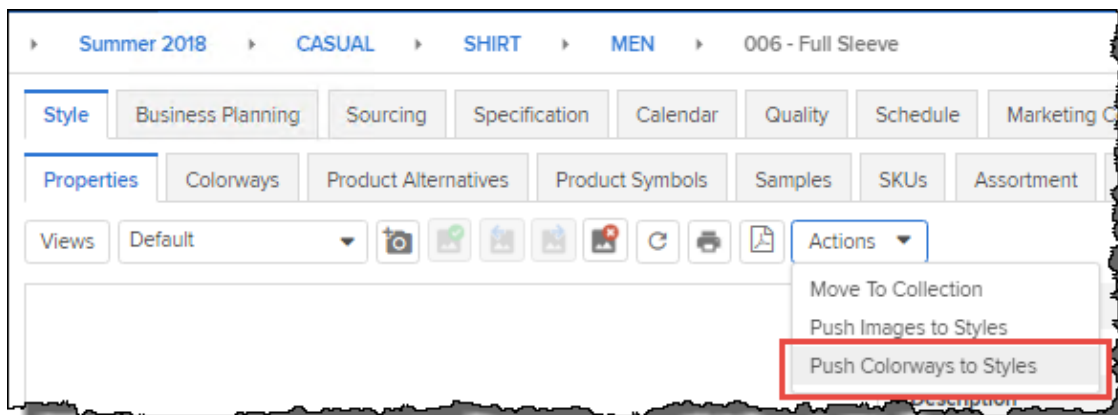
The action presents a two-step wizard. In the first step, the user selects the colorways and attribute groups to be pushed.

Figure 9: Select Colorways / attribute groups to be pushed to Styles

In the second step, the user selects the styles to receive the colorways. The system creates colorways on styles if needed and updates attributes on all the colorways.

Figure 10: Select Styles to receive Colorways

The system does not copy colorways from style to style. It creates new colorways and/or updates existing colorways.

Configuration

By default, this feature is disabled. It is enabled when the Colorway business object has a **Colorway Key** defined. The key is one or more attributes of colorway that are used by the system to determine if the target style has the **same** colorway as the original colorway. If the values in the key attributes match, then they are considered the same colorway. When a new colorway is created by this action, the **Colorway Key** attributes are set on the new colorways. Other attributes are initialized the same as when the colorway is created by hand.

Step one of the wizard will present attribute groups that the user can select to update target colorway attributes. The attribute groups you have configured on Colorway and ColorwayAttributes are available for selection but the system will ignore attributes that are not valid to be updated.

2. PRODUCT SPECIFICATION

▪ **Update BOM "Match Colors" to select Color Specs**
(◀◀ Features Summary)

Business Case

The **Match Colors** operation was implemented earlier than the configuration option to allow selection of Color Specs for a PartMaterial so the current behavior of **Match Colors** is to only select Colored Materials. The **Match Colors** operation could be more effective if it allowed selection of Color Specs on the BOM line.

Feature Description

The **Match Colors** logic has been updated to consider the **OK Color Specs** attribute of the Material. If the material allows use of color specs on the BOM then the **match colors** logic will first try to find a matching active Colored Material for each BOM color and then try to find a matching Color Spec.

Configuration

This feature depends on the value of **OK for Color Specification** attribute on the Material and the BOM line.

▪ **Data Package Cover Sheet can include table of SKUs**
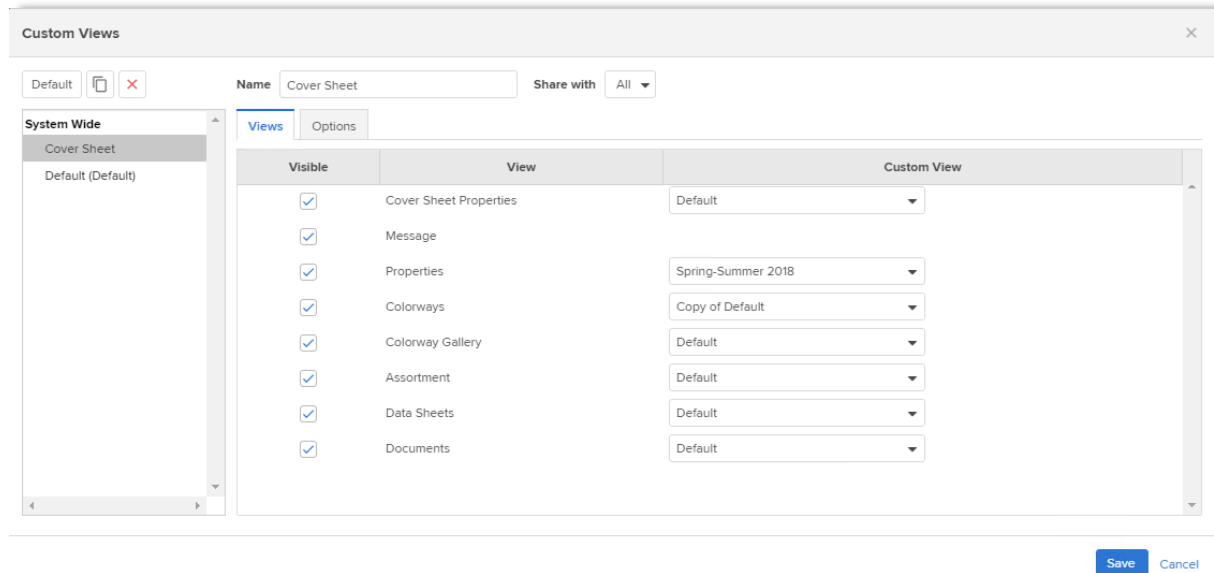(◀◀ Features Summary)

Business Case

Business that manage product at the SKU level need to include SKU-specific information in the Data Package shared with suppliers.

Feature Description

Prior to Centric 8 version 6.1 release, a Data Package did not include SKU specific information.

Figure 11: Earlier, SKU specific information not included in a Data Package

Now, the data package for a Style or a Material can include a table of SKUs. You can include it or omit it when you edit the custom view of the data package cover sheet.

Figure 12: Now, Data Package can include SKU specific information
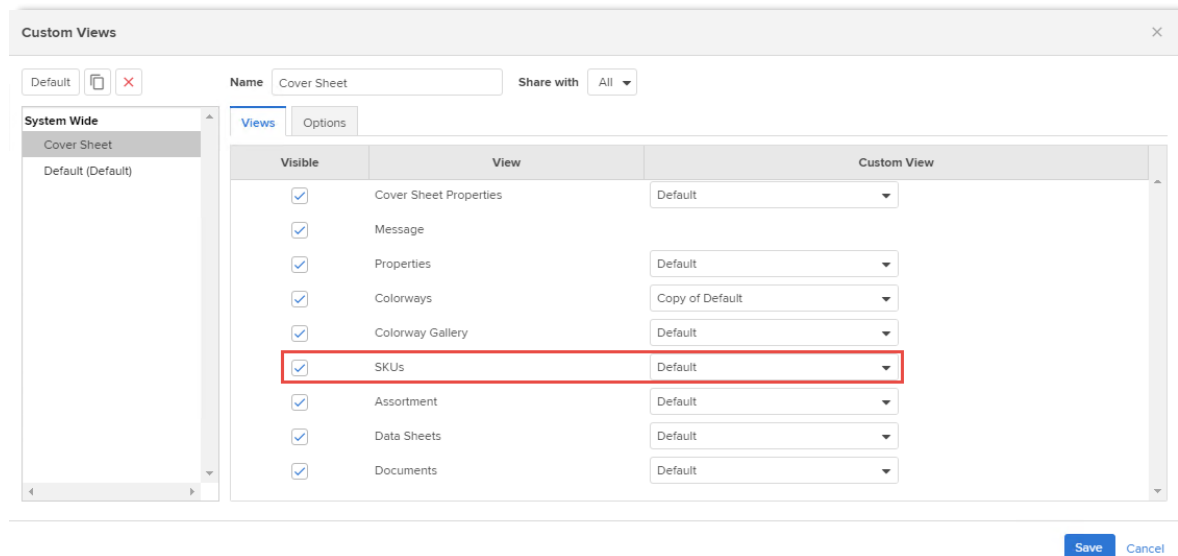
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