

Element Replacement

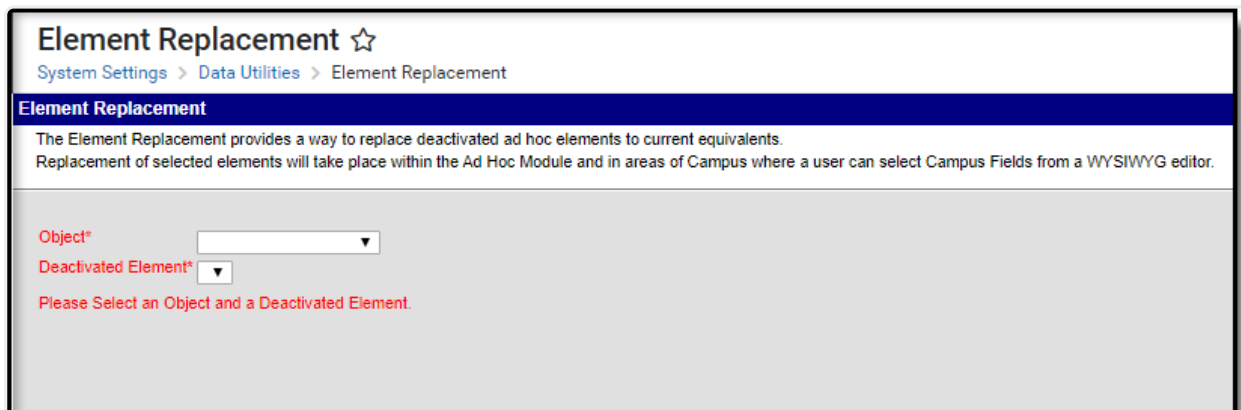
Last Modified on 10/21/2024 8:19 am CDT

Tool Search: Element Replacement

The Element Replacement tool allows users to replace deactivated Ad hoc fields with the current field equivalent within [Ad hoc filters](#), [Ad hoc Letter](#) templates, [Behavior Letter](#) templates, [Attendance Messenger](#), [Attendance Letters](#) and [Messenger](#) templates. This tool also allows users to modify existing filters and templates containing deactivated Ad hoc fields without having to navigate away from the tool or replace the element with its current field equivalent. Additionally, replacing a field with the Element Replacement tool will replace the field and the operator's value if the replaced field was being used as the value.

This article includes the following topics:

- [Replacing Deactivated Ad Hoc Fields](#)
- [Editing Ad Hoc Filters and Templates](#)



The screenshot shows the 'Element Replacement' tool interface. At the top, it has a title 'Element Replacement' with a star icon and a breadcrumb trail: 'System Settings > Data Utilities > Element Replacement'. Below the title is a blue header bar with the text 'Element Replacement'. The main content area contains a paragraph: 'The Element Replacement provides a way to replace deactivated ad hoc elements to current equivalents. Replacement of selected elements will take place within the Ad Hoc Module and in areas of Campus where a user can select Campus Fields from a WYSIWYG editor.' Below this text are two dropdown menus: 'Object*' and 'Deactivated Element*'. A red error message below the dropdowns reads: 'Please Select an Object and a Deactivated Element.'

Element Replacement Tool

Users must have at least R(ead) tool rights for this tool in order to replace deactivated Ad hoc elements.

For more information about Tool Rights and how they function, see the [Tool Rights](#) article.

Replacing Deactivated Ad Hoc Fields

User can replace deactivated Ad hoc fields with the current field equivalent within Ad hoc filters and letter templates by using the Element Replacement tool.

Element Replacement

The Element Replacement provides a way to replace deactivated ad hoc elements to current equivalents.
Replacement of selected elements will take place within the Ad Hoc Module and in areas of Campus where a user can select Campus Fields from a WYSIWYG editor.

Object*

Deactivated Element*

Deactivated Field	Replacement Field	Safe to Replace?
activeEnrollment.mealStatus	posElig.eligibility	yes

Suggestion

suggestion text testing

Name	User Last Name	User First Name	Group Name	Type		Replace
Free and Reduced lunches	Filter	Arlene		Ad Hoc Filter	<input type="button" value="View"/>	<input type="checkbox"/>
*****	Filter	Steve		Ad Hoc Filter	<input type="button" value="View"/>	<input type="checkbox"/>
Behavior Test 1				Behavior Letter Template	<input type="button" value="View"/>	<input checked="" type="checkbox"/>
replacement 1				Behavior Letter Template	<input type="button" value="View"/>	<input checked="" type="checkbox"/>

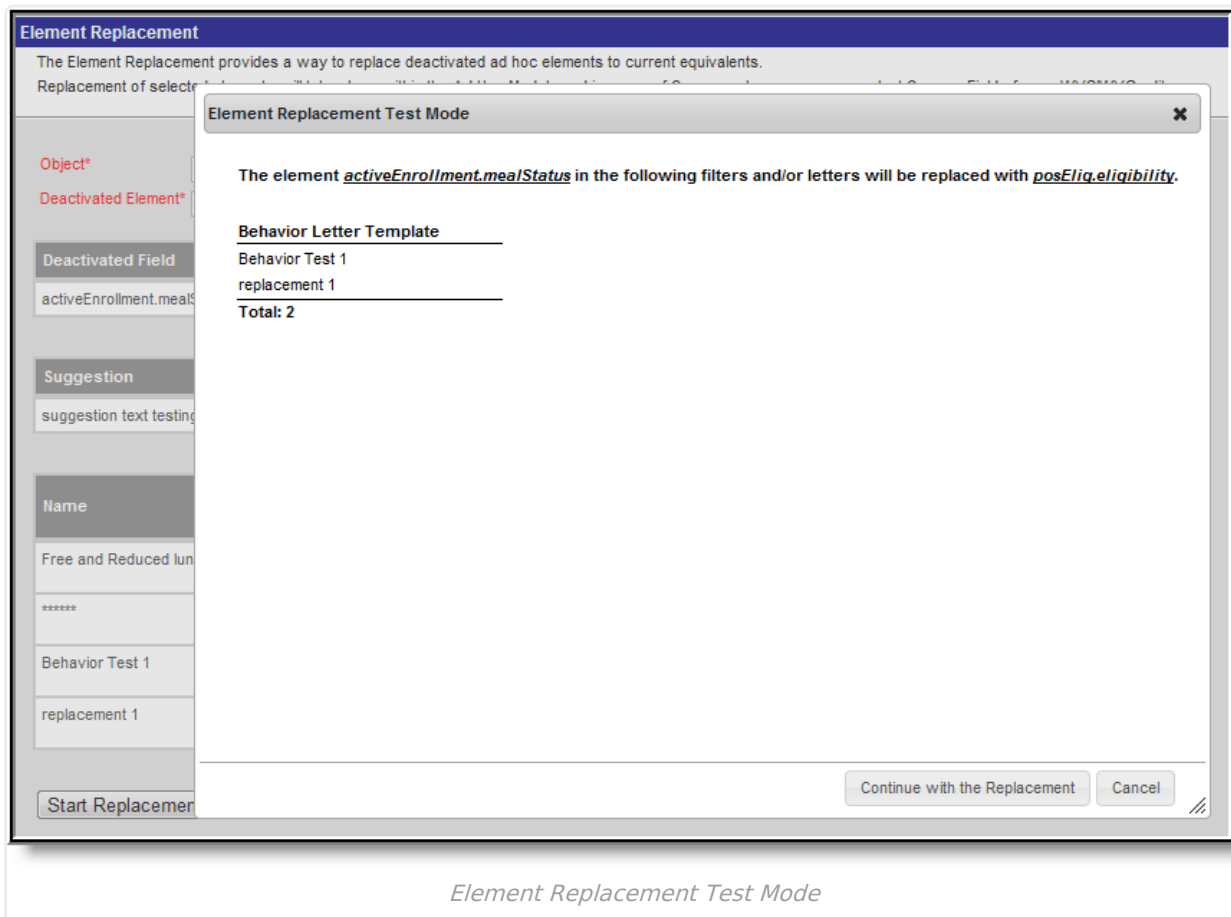
Replacing Deactivated Elements

To replace deactivated elements:

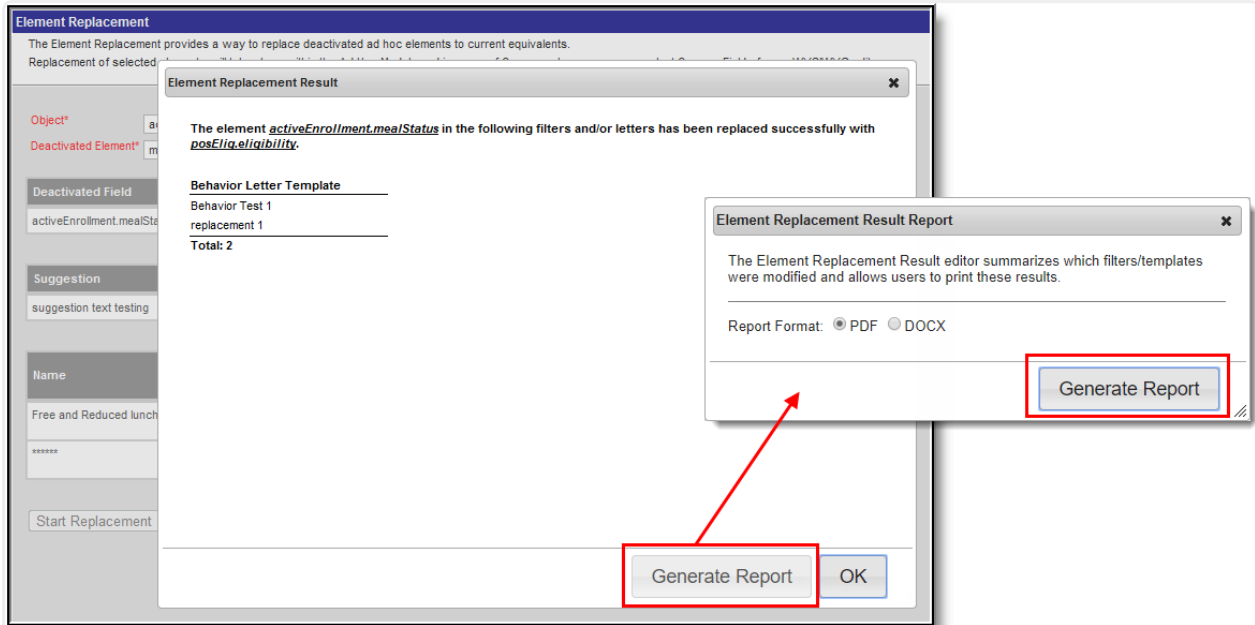
1. Select the **Object** containing the deactivated element.
2. Select the **Deactivated Element** to be replaced. In the example above, the field activeEnrollment.mealStatus is going to be replaced.
3. Once an Object and Deactivated Element value is selected, additional informational fields will appear.
 - **Deactivated Field** - This indicates the deactivated field that is going to be replaced.
 - **Replacement Field** - This indicates the field that is going to replace the deactivated field.
 - **Safe to Replace?**
 - **Yes** - Indicates conversion between the deactivated field and the replacement field can occur without issue. Users are safe to replace elements with this value.
 - **No** - Indicates the replacement field does not correctly match the deactivated field and conversion issues may occur. Often this message occurs when the replacement field is a different data type than the deactivated field (i.e., a Date field is being replaced with a checkbox). Users should view each filter/template and determine if conversion should occur prior to replacing fields. See the [Editing Ad Hoc Filters/Templates](#) section below for information on viewing and modifying each filter.
 - **Suggestion** - Additional suggestions about the field conversion.
4. Review each filter/template impacted by the element replacement.
 - **Name** - The name of the filter/letter template.

- **User Last Name** - The last name of the user who created and owns the filter/template.
 - **User First Name** - The first name of the user who created and owns the filter/template. This user will receive a message in their Process Inbox, indicating the element and filter/template changed.
 - **Group Name** - The User Group assigned to the filter/letter/template.
 - **Type** - The type of item being changed: Ad hoc filter, Ad hoc Letter Template, Behavior Letter Template, Messenger Template
5. To view and modify the filter/template, select the **View** button. See the [Editing Ad Hoc Filters/Templates](#) section below for more information.
 6. Mark the **Replace** checkbox for each filter/template to have the element replaced.
 7. Select the **Start Replacement** button. The Element Replacement Test Mode editor will appear (see image 3).

The Element Replacement Test Mode editor will display a summary of all filters/templates that will have the field replaced. Verify the summary is correct and select the **Continue with the Replacement** button. The Element Replacement Result editor will appear (see Image 4).

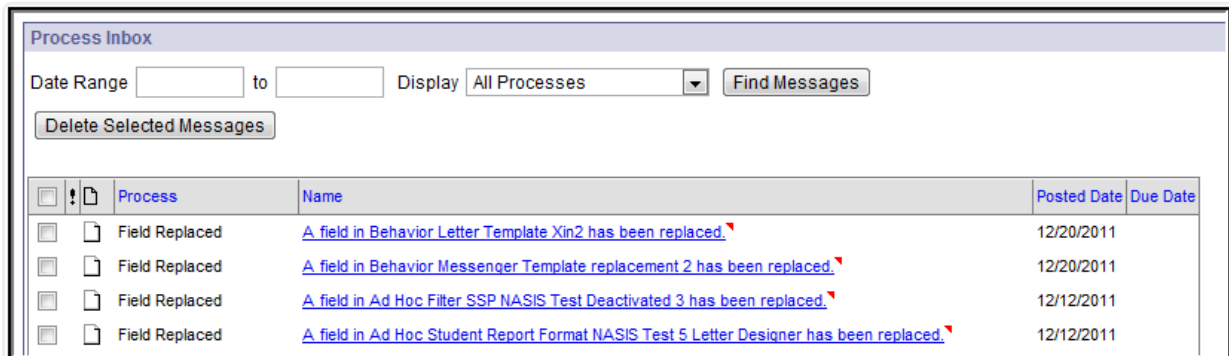


The Element Replacement Result editor summarizes which filters/templates were modified and allows you to print these results. To generate these results in PDF or DOCX format, click the **Generate Report** button, select a print format and click **Generate Report** (see image below). To continue without printing this report, click the **OK** button.



Element Replacement Result

The user and/or members of the user group assigned to the filter(s) updated will receive notification of these changes within their **Process Inbox** (see Image 5).



Message Indicating Filter/Template Change

The Element Replacement tool will also display an updated list of filters impacted by the **Object** and **Deactivated Element** values selected (compare Image 2 to Image 6 for an example).

Element Replacement

The Element Replacement provides a way to replace deactivated ad hoc elements to current equivalents.
Replacement of selected elements will take place within the Ad Hoc Module and in areas of Campus where a user can select Campus Fields from a WYSWYG editor.

Object*

Deactivated Element*

Deactivated Field	Replacement Field	Safe to Replace?
activeEnrollment.mealStatus	posElig.eligibility	yes

Suggestion

Name	User Last Name	User First Name	Group Name	Type		Replace
Free and Reduced lunches	Filter	Arlene		Ad Hoc Filter	<input type="button" value="View"/>	<input type="checkbox"/>
*****	Filter	Steve		Ad Hoc Filter	<input type="button" value="View"/>	<input type="checkbox"/>

Updated List of Impacted Filters/Templates

Editing Ad Hoc Filters and Templates

Users can identify which filters/templates are impacted by the **Object** and **Deactivated Element** selected and modify the filter/template within the Element Replacement tool. This allows users to remove a deactivated field instead of replacing it.

Element Replacement

The Element Replacement provides a way to replace deactivated ad hoc elements to current equivalents.
Replacement of selected elements will take place within the Ad Hoc Module and in areas of Campus where a user can select Campus Fields from a WYSIWYG editor.

Object*
 Deactivated Element*

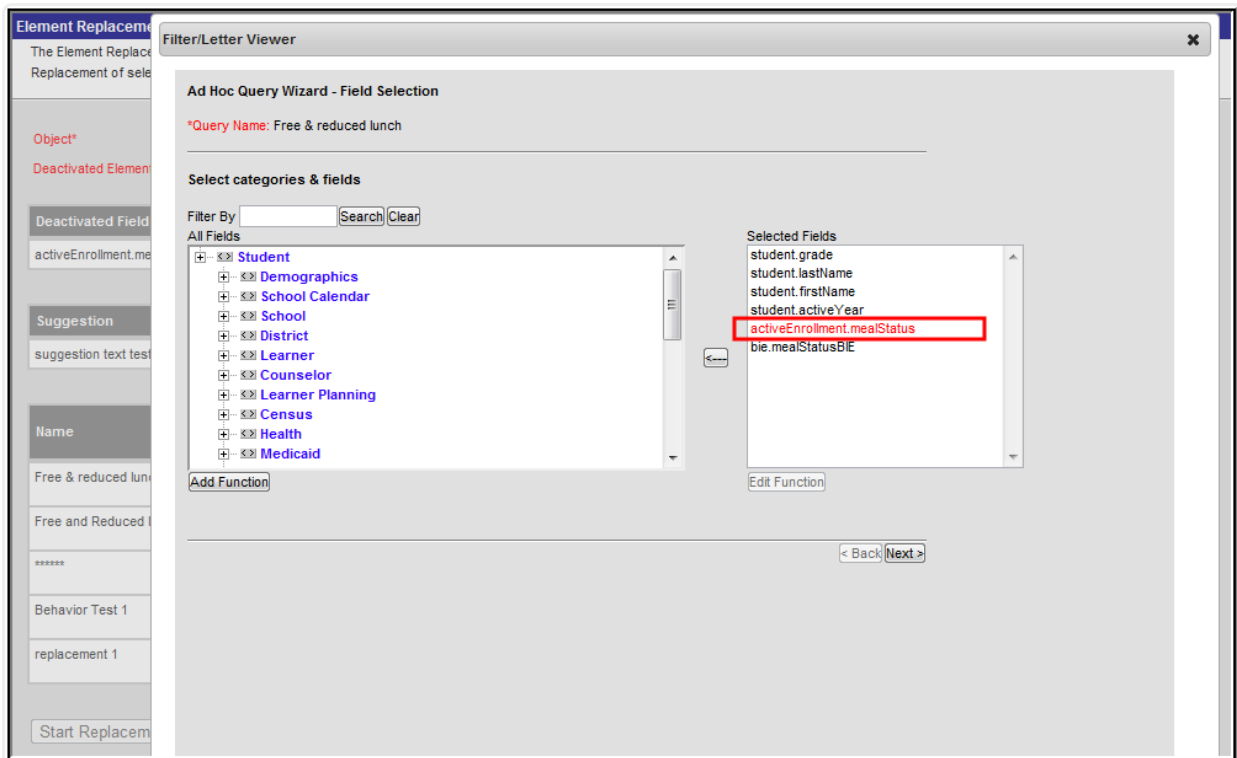
Deactivated Field	Replacement Field	Safe to Replace?
activeEnrollment.mealStatus	posElig.eligibility	yes

Suggestion

Name	User Last Name	User First Name	Group Name	Type		Replace
Free & reduced lunch	Filter	Shirley		Ad Hoc Filter	<input type="button" value="View"/>	<input type="checkbox"/>
Free and Reduced lunches	Filter	Arlene		Ad Hoc Filter	<input type="button" value="View"/>	<input type="checkbox"/>
*****	Filter	Steve		Ad Hoc Filter	<input type="button" value="View"/>	<input type="checkbox"/>
Behavior Test 1				Behavior Letter Template	<input type="button" value="View"/>	<input type="checkbox"/>
replacement 1				Behavior Letter Template	<input type="button" value="View"/>	<input type="checkbox"/>

Viewing an Impacted Filter/Template

To view the current setup of a filter/template, select the corresponding **View** button. The Filter/Letter Viewer or Message Designer Wizard will appear (see Image 8).



Modifying a Filter/Template

For the Filter/Letter Viewer, the deactivated field will appear in red. From here, users can modify and re-save the filter as necessary.

Deactivated fields will not appear in red within WYSIWYG editors due to the fact that users can modify font colors.

For the Message Designer Wizard, the deactivated field within the letter will match the field listed in the Deactivated Field on the Element Replacement editor. Users can modify and re-save the template as necessary.

Removing the deactivated field and re-saving a filter/template will remove the filter/template from appearing on the Element Replacement tool as it no longer requires element replacement.

Element Replacement

The Element Replacement provides a way to replace deactivated ad hoc elements to current equivalents.
Replacement of selected elements will take place within the Ad Hoc Module and in areas of Campus where a user can select Campus Fields from a WYSIWYG editor.

Object*

Deactivated Element*

Deactivated Field	Replacement Field	Safe to Replace?
activeEnrollment.mealStatus	posElig.eligibility	yes

Suggestion

suggestion text testing

Name	User Last Name	User First Name	Group Name	Type		Replace
Free and Reduced lunches	Filter	Arlene		Ad Hoc Filter	View	<input type="checkbox"/>
*****	Filter	Steve		Ad Hoc Filter	View	<input type="checkbox"/>
Behavior Test 1				Behavior Letter Template	View	<input type="checkbox"/>
replacement 1				Behavior Letter Template	View	<input type="checkbox"/>

Element Replacement Tool

For example, the filter viewed in Image 7 and 8 was modified and had the deactivated element activeEnrollment.mealStatus removed. Because this filter no longer requires the element to be replaced, the filter no longer reports on the Element Replacement tool (see Image 9).