

Property Filter

Property Filter is used in various controls of the Aras ProAppDesigner like Advanced Filter and Column Filter. Using Property Filter, you can create complex boolean expressions. Expressions can contain:

- Item properties,
- operators,
- values,
- grouping operator ('(')'),
- logical operators ('AND', 'OR').

Various editors are used for showing values based on the selected property type:

- Existing expression can be updated by selecting individual sub-expression or elements with mouse.
- You can also navigate expression elements using navigation keys. Selected keyword can be deleted by clicking on the delete icon.
- If no element is selected, by clicking on delete icon will remove the whole expression.
- If no element is selected in the expression, by inserting new property expression or other operators will insert at the beginning of the expression.
- If any element is selected in the expression, insert operation will insert the new element right after the selected element.

The screenshot shows a 'Select Filter' dialog box. It contains four dropdown menus: 'Property' (Type), 'Operator' (EqualTo), 'Filter Type' (Static), and 'Value' (Asse). The 'Value' field also has a green checkmark and a red 'X' icon. Below the dropdowns are buttons for 'AND', 'OR', '(', ')', and a red trash icon. The 'Expression' field contains the text 'Type EqualTo Assembly'. At the bottom, there is a checkbox labeled 'Enforce Filter' which is currently unchecked.

For the date property, Value field can take a specific date or a keyword. In order to build a boolean expression based on current date, value can contain keywords CURRENT_DATE and CURRENT_DATETIME. These keywords will be replaced at runtime before evaluating the expression with actual current date or datetime.


Ex1: **Created On** LessThanEqualTo CURRENT_DATE


Ex2: **Effective Date** LessThanEqualTo CURRENT_DATE + 2

Ex2: **Modified On** LessThanEqualTo CURRENT_DATE – 7



Select Filter

Property	Operator	Filter Type	Value ?
Created C	LessThar	Static	CURREN  <input type="checkbox"/> <input type="checkbox"/>

Expression AND OR () 

Enforce Filter


For the user property, Value field can take any text or keyword. In order to build a boolean expression based on current user, value can contain keyword CURRENT_USER. This keyword will be replaced at runtime before evaluating the expression with the logged-in user.

Ex1: **Created By** EqualTo CURRENT_USER

Ex2: **Owned By** NoteEqualTo CURRENT_USER

Select Filter

Property	Operator	Filter Type	Value ?
Modified	NotEqual	Static	CURRENT_USE <input type="checkbox"/> <input type="checkbox"/>

Expression AND OR () 

Enforce Filter

