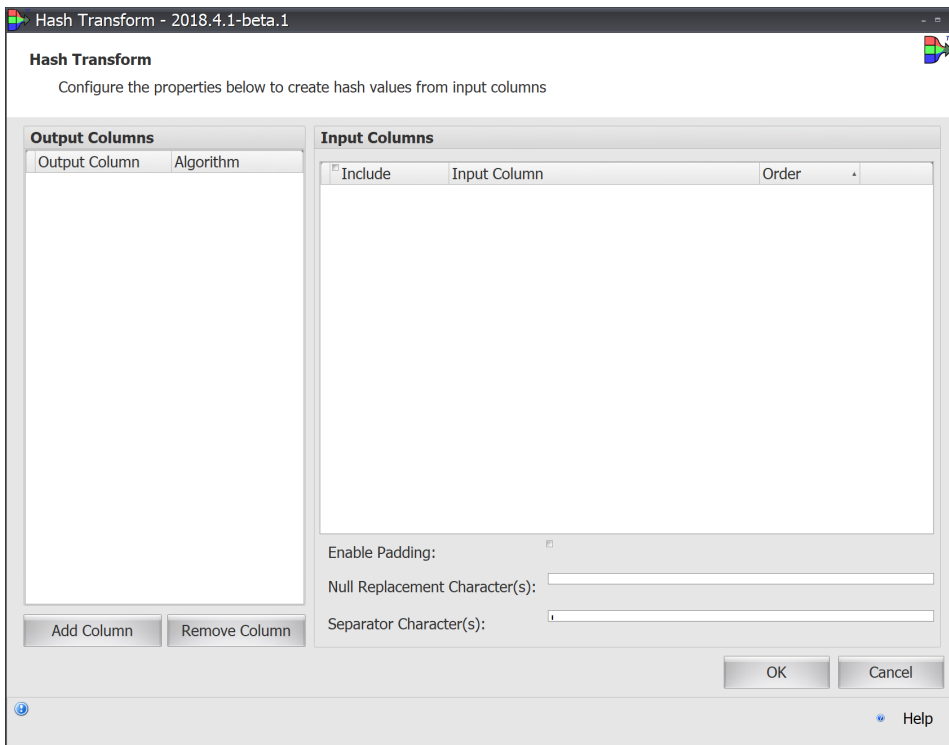# Task Factory Hash Transform

Last Modified on 28 September 2020

Hash Transform

Transform Icon	Transform Description
	The **Hash Transform** is used for creating sets of hash values as new output columns from one or more input column.

Output Columns

Option	Description
Add Column	Creates a new output column output with the hashed value once configured.
Remove Column	Removes the currently selected column.
Output Column	The column name to be output.
Algorithm	The hashing algorithm to be used by the output column.

Input Columns

Option	Description
Include Column	Selects the input column to be hashed.
Input Column	The name of the input column.
Order	When combining columns, users can change the sequential order of the input columns by selecting the **up** and **down** buttons.
Enable Padding	Toggles the ability to include column padding in the output.

Option	Description
Null Replacement Character(s)	Users can replace Input Column NULL values with a designated character.
Separator Character(s)	When combining columns, this character is added between the selected columns. ⓘ **Note:** The pipe character **|** is used by default when no value is entered.