


Task Factory Data Validation Transform

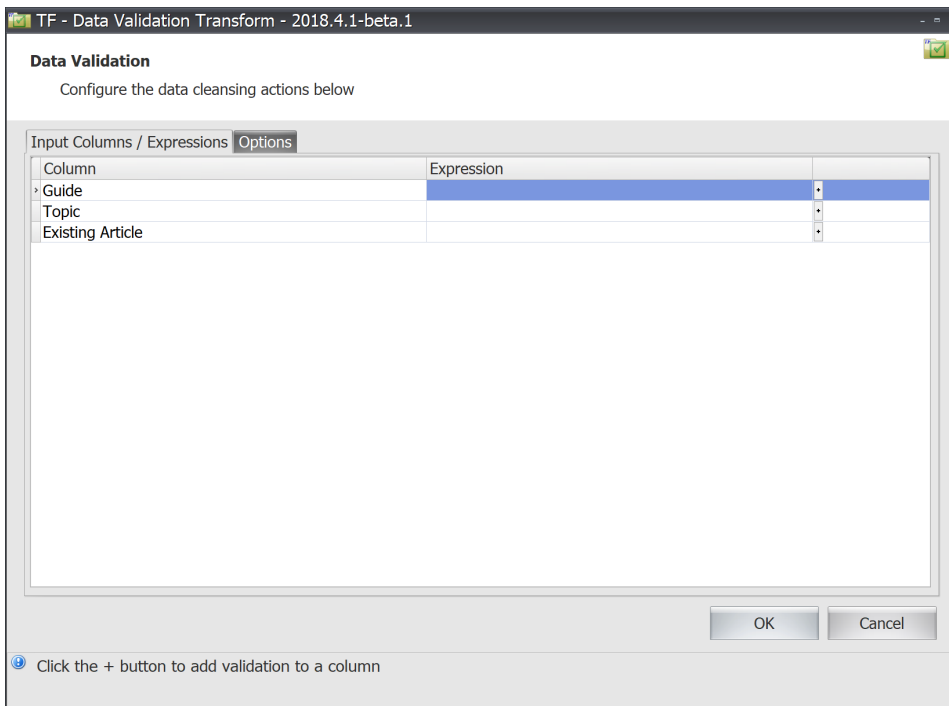
Last Modified on 30 September 2020

🔔 Task Factory users running version 2020.1.4 or older (released prior to May 27, 2020): **There's an important Task Factory update.** Please visit [here](#) for more details.

Data Validation Transform

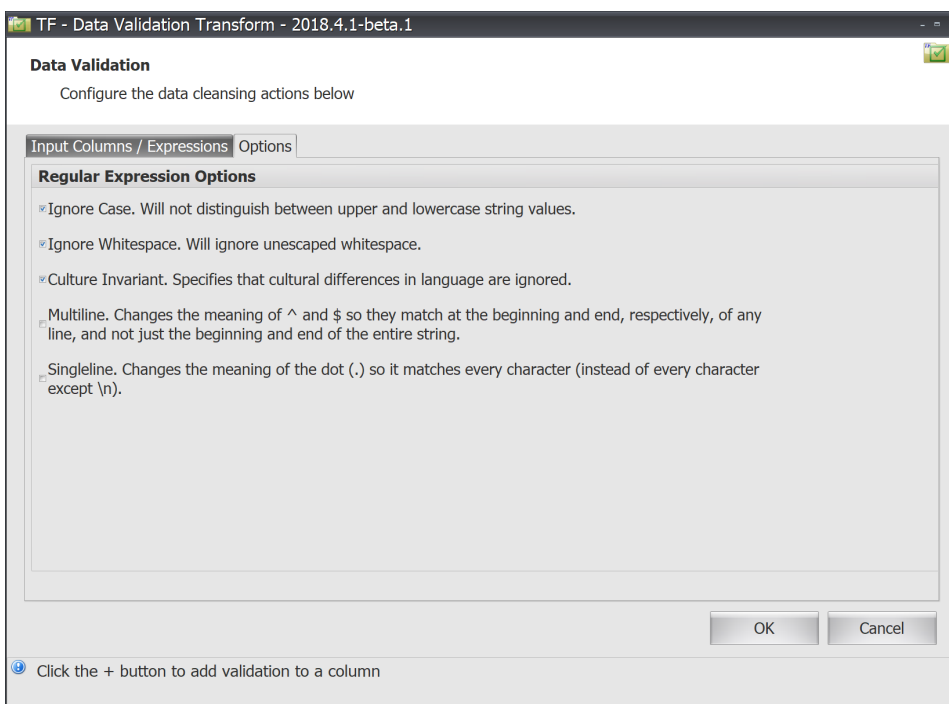
Transform Icon	Transform Description
	The Data Validation Transform validates data from an SSIS source by using regular expressions defined in the UI.

Options Tab



Option	Description
Column	Contains the column name of the input source column.
Expression	This contains the name of the expression used to validate the data in that source column if validation is added to it.
Buttons Column	This column contains the buttons used to Add , Edit , or Delete the expression. Edit and Delete are only available if validation has been added to the column.

Input Columns / Expressions



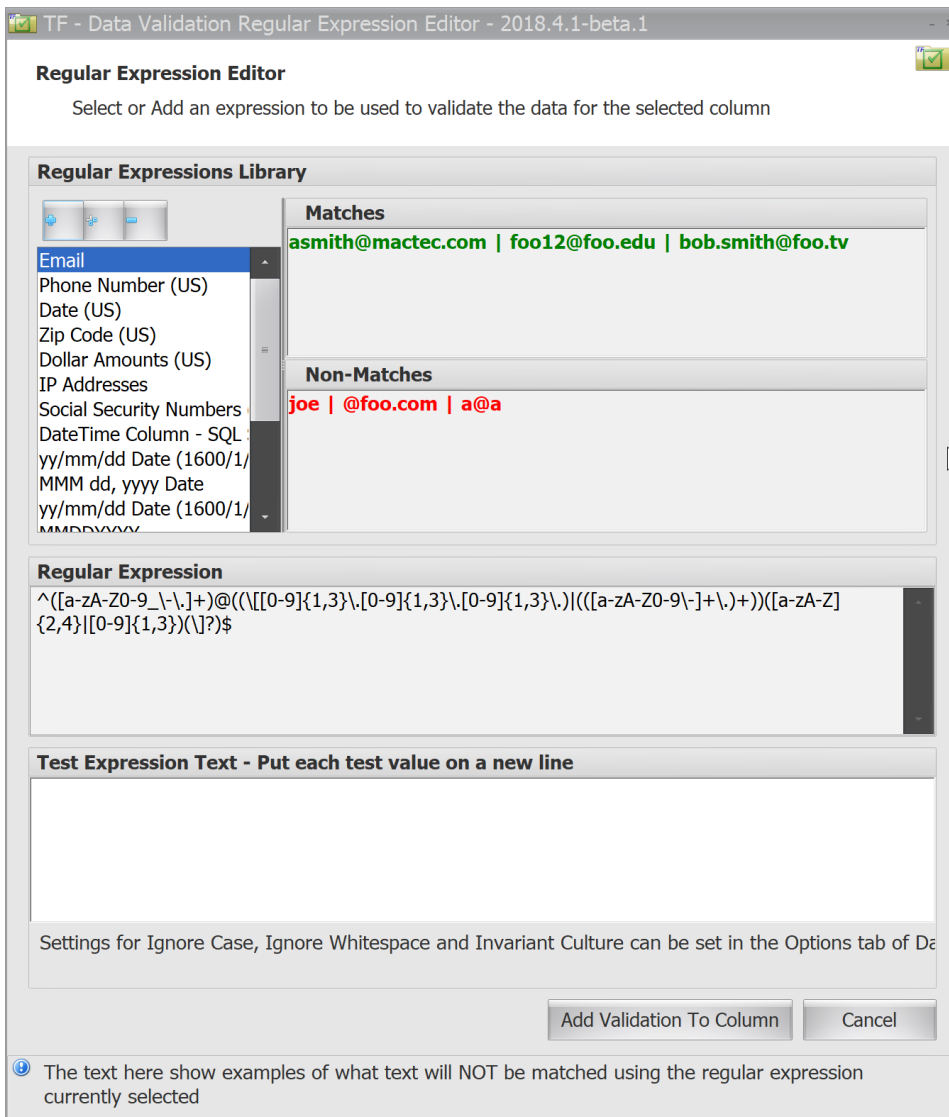
Regular Expression Options

Option	Description
Ignore Case	This prevents distinguishing between upper and lowercase string values.
Ignore Whitespace	This ignores unescaped whitespace.
Culture Invariant	Specifies that cultural differences in language are ignored.
Multiline	This changes the meaning of ^ and \$ so they match at the beginning and end of any line and not just the string.
Singleline	Changes the meaning of . (period) so it matches every character.

Adding / Editing / Deleting Validation

To add validation to a column, select the **+** button in the far right column of the **Input Columns / Expressions** tab. This opens the **Regular Expression** editor.

Regular Expression Editor UI Overview



The **Regular Expression Editor** is used to create, edit, and test regular expressions that can be used to validate your data.

Option	Description
Expressions Library	<ul style="list-style-type: none"> • Expressions List - The expressions list contains all of the expressions that are part of your library. • Matches / Non-Matches - The text boxes show an example of what will or won't match the expression.
Regular Expression Textbox	This textbox shows the currently selected expression from the expressions list.
Test Expression Text	Here you can test the currently selected expression by adding text. Enter each value you want to test on a new line, and then select Test Expression to display the results.

Regular Expression Library Toolbar

There are three options on the toolbar:

Toolbar Option	Description
	Add an expression.
	Edit an expression.
	Delete an expression.

Selecting **Add** or **Edit Expression** opens a similar window. Selecting **Add Expression** opens the **Add New Expression** window, which is blank, allowing you to input your own values. Selecting **Edit Expression** opens the **Edit Expression** window, which has the same fields, just populated with the current rules.

