

Connector transformation functions

Use these transformation functions when setting up field mappings for various connectors.

Function Name	Category	Description	Input	Output
-->	None	Returns the source value (does nothing).		
Abs	Math	The absolute value of the input value.	Double	Double
Avg	Math	The arithmetic mean or average of all the input values.	Double	Double
Cbrt	Math	The cube root of the input value.	Double	Double
Ceiling	Math	Smallest integer value less, greater than, or equal to the given value.	Double	Double
Century	DateTime	Returns the century part of the input DateTime value.	DateTime	Double
Concat	String	Concatenates string values together.	String Array	String
ConvertToLocal	DateTime	Converts a DateTime value to a local DateTime value.	DateTime	DateTime
ConvertToUTC	DateTime	Converts a DateTime value to a UTC DateTime value.	DateTime	DateTime
DayOfMonth	DateTime	Returns the day of the month of the input DateTime value.	DateTime	Double
DayOfWeekNo	DateTime	Returns the day number of the week of the input DateTime value: 0 :Sunday 1 :Monday 2 :Tuesday 3 :Wednesday 4 :Thursday 5 :Friday 6 :Saturday	DateTime	Double

DayOfWeekStr	DateTime	Returns the day string of the week of the input DateTime value: Sunday Monday Tuesday Wednesday Thursday Friday Saturday	DateTime	String
DayOfYear		Returns the day of the year of the input DateTime value.	DateTime	Double
Diff	Math	Subtracts all values from the first value.	Double Array	Double
Div	Math	Divides the first value by the remainder of the values.	Double Array	Double
Floor	Math	Largest integer value less, greater than, or equal to the given value.	Double	Double
Hour	DateTime	Returns the hour part of the input DateTime value.	DateTime	Double
IsoWeek	DateTime	Returns the ISO week number of the input DateTime value.	DateTime	Double
Leap				
Length	String	The length of the string.	String	Double
LineItemType()	String	Reads the MaterialGroupID and places the item in the appropriate product type category (Consumables, Facilities, Hardware, and Software).	String	String
Min				
Minute	DateTime	Returns the minute part of the DateTime value.	DateTime	Double
Mod	Math	Remainder after dividing the first value by the second value.	Double	Double

Month	DateTime	Returns the month part of the input DateTime value.	DateTime	Double
Pow	Math	The number raised to the power.	Double	Double
Product	Math	Product of all values.	Double Array	Double
Quarter	DateTime	Returns the quarter of the input DateTime value. Quarter ranges from 1 to 4.	DateTime	Double
RegexMatch	String	Returns a matched value from the input value for a pattern in a position (zero-based).	String	
RegexReplace	String	Returns a string that has been replaced with a string that matches a pattern in the input string.	String	
Replace	String	Replaces the part of a string with a given value.	String	String
Round	Math	Rounds a double-precision floating-point value to the nearest integer.	Double	Double
Second	DateTime	Returns the second part of the DateTime value.	DateTime	Double
Select	Special	Returns the first item in the list where the corresponding predicate is equal to a given value.	String	String
SelectNotNull	Special	Returns the first input value that is not empty or not null for the group of items.	String	String
Split	String	Returns a specific part of a string split using a separator.	String	String
Sqrt	Math	The square root of the input value.	Double	Double
Substring	String	Returns part of a string.	String	String
Sum	Math	Sum of given values.	Double	Double

Switch	Special	Returns the string based on the input value and corresponding mappings (delimiter is ':')	String	String
TimDiff	DateTime	Returns the period between two DateTime values.	DateTime	TimeSpan
ToLower	String	Converts to lowercase text.	String	String
ToProper	String	Converts to proper case text.	String	String
ToUpper	String	Converts to uppercase text.	String	String
Trim	String	Removes all leading and trailing white spaces.	String	String
TrimLeft	String	Removes the leading white spaces.	String	String
TrimRight	String	Removes the trailing white spaces.	String	String
Truncate	Math	The integral part of the value. In other words, rounds up or down towards zero.	Double	Double
Week	DateTime	Returns the standard week number of the input DateTime value.	DateTime	Double
Year	DateTime	Returns the year part of the input DateTime value.	DateTime	Double