
Data Analytics

Release 8

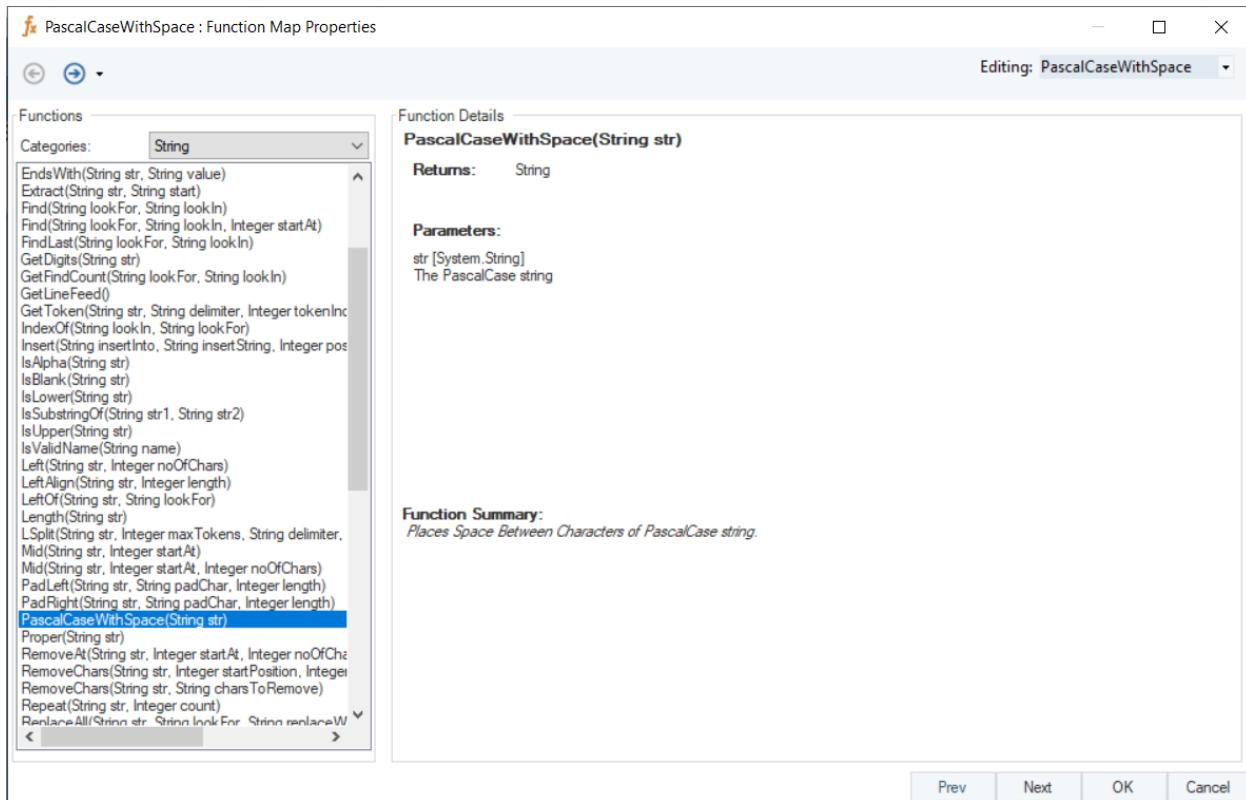
Nov 09, 2021

String Functions

1	PascalCaseWithSpace (String str) – String	1
2	Proper (String str) – String	5
3	RemoveAt (String str, Integer startAt, Integer noofChars) – String	9
4	RemoveChars (String str, String charsToRemove) - String	11
5	Repeat (String str, Integer count) – String	13
6	ReplaceAll (String str, String lookFor, String replaceWith) – String	15
7	ReplaceFirst (String str, String lookFor, String replaceWith) – String	17
8	Right (String str, integer noOfChars) - String	19
9	RightOf (String str, String lookFor) – String	21
10	SplitString (String str, String separator1, String separator2) - StringParts	23
11	StartsWith (String str, String value) – Boolean	25
12	Substring (String str, Integer startAt) – String	27
13	ToLower(String str) – String	29
14	ToProper(String str) – String	33
15	ToUpper (String str) – String	37
16	Trim (String str) – String	41

CHAPTER 1

PascalCaseWithSpace (String str) – String



1.1 Example

We have a customers' dataset in which the *ContactTitle* field is in pascal case. Our goal is to add spaces between the characters in this field.

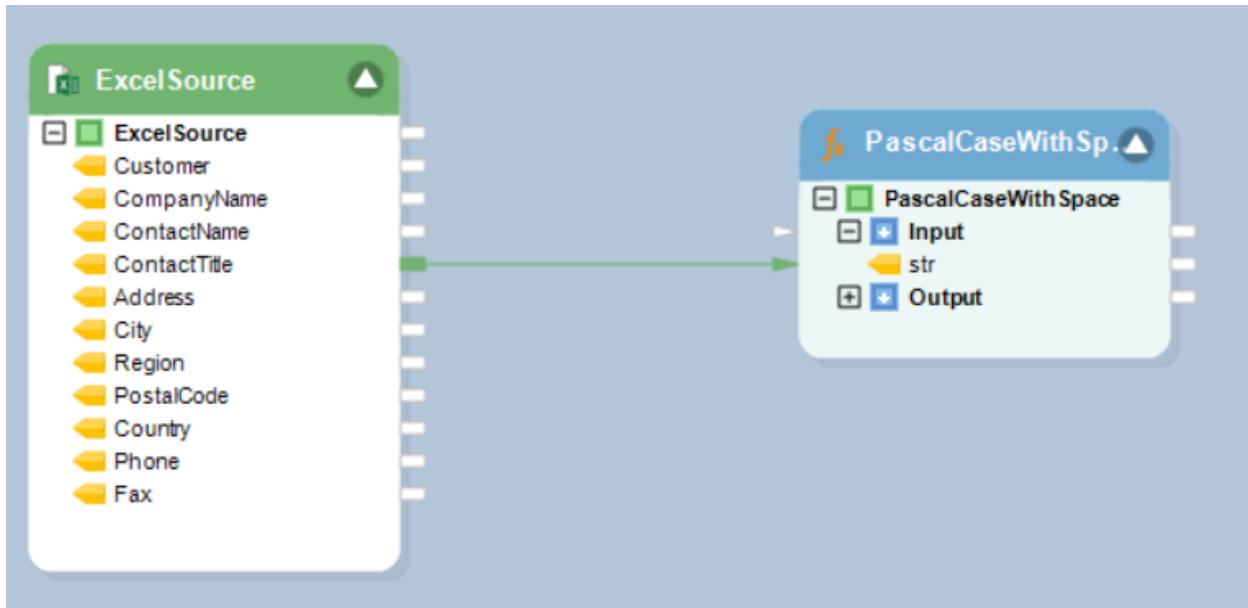
Data Preview

Source Record Count: 50 | ?

Data Preview for action ExcelSource. Total Records 14. Records With Errors 0. Duration 00:00:02.118.

Object Path	Customer	CompanyName	ContactName	ContactTitle	Address	City	Region	PostalCode	Country	Phone	Fax
ExcelSource ALFKI	Alfreds Futterkiste	Maria Anders	SalesRepresentative	Obere Str. 57	Berlin		12209	Germany	030-0074321	030-0076545	
ExcelSource ANATR	Ana Trujillo Empa	Ana Trujillo	Owner	Avda. de la Const	México D.F.		05021	Mexico	(5) 555-4729	(5) 555-3745	
ExcelSource ANTON	Antonio Moreno T	Antonio Moreno	Owner	Mataderos 2312	México D.F.		05023	Mexico	(5) 555-3932		
ExcelSource AROUT	Around the Horn	Thomas Hardy	SalesRepresentative	120 Hanover Sq.	London		WA1 1DP	UK	(171) 555-7788	(171) 555-6750	
ExcelSource BERGS	Berglunds snabbköp	Christina Berglun	OrderAdministrator	Berguvsvägen 8	Luleå		S-958 22	Sweden	0921-12 34 65	0921-12 34 67	
ExcelSource BLAUS	Blauer See Delika	Hanna Moos	SalesRepresentative	Forststr. 57	Mannheim		68306	Germany	0621-08460	0621-08924	
ExcelSource BLONP	Blondesdöd père	Frédérique Citeau	MarketingManager	24, place Kléber	Strasbourg		67000	France	88.60.15.31	88.60.15.32	
ExcelSource BOLID	Bólido Comidas p	Martin Sommer	Owner	C/ Araquil, 67	Madrid		28023	Spain	(91) 555 22 82	(91) 555 91 99	
ExcelSource BONAP	Bon app!	Laurence Lebihan	Owner	12, rue des Bouc	Marseille		13008	France	91.24.45.40	91.24.45.41	
ExcelSource BOTTM	Bottom-Dollar Ma	Elizabeth Lincoln	AccountingManager	23 Tsawassen Bl	Tsawassen	BC	T2F 8M4	Canada	(604) 555-4729	(604) 555-3745	
ExcelSource BSBEV	B's Beverages	Victoria Ashworth	SalesRepresentative	Fauntleroy Circus	London		EC2 5NT	UK	(171) 555-1212		
ExcelSource CACTU	Cactus Comidas	Patricia Simpson	SalesAgent	Cerrito 333	Buenos Aires		1010	Argentina	(1) 135-5555	(1) 135-4892	
ExcelSource CENTC	Centro comercial	Francisco Chang	MarketingManager	Sierras de Grana	México D.F.		05022	Mexico	(5) 555-3392	(5) 555-7293	
ExcelSource CHOPS	Chop-suey Chine	Yang Wang	Owner	Hauptstr. 29	Bern		3012	Switzerland	0452-076545		

We will map the *ContactTitle* data field to the str under the Input node inside the *Function* transformation object.



In the output, you can see that the data inside the *ContactTitle* field has been converted to proper case.

Data Preview

Source Record Count 50

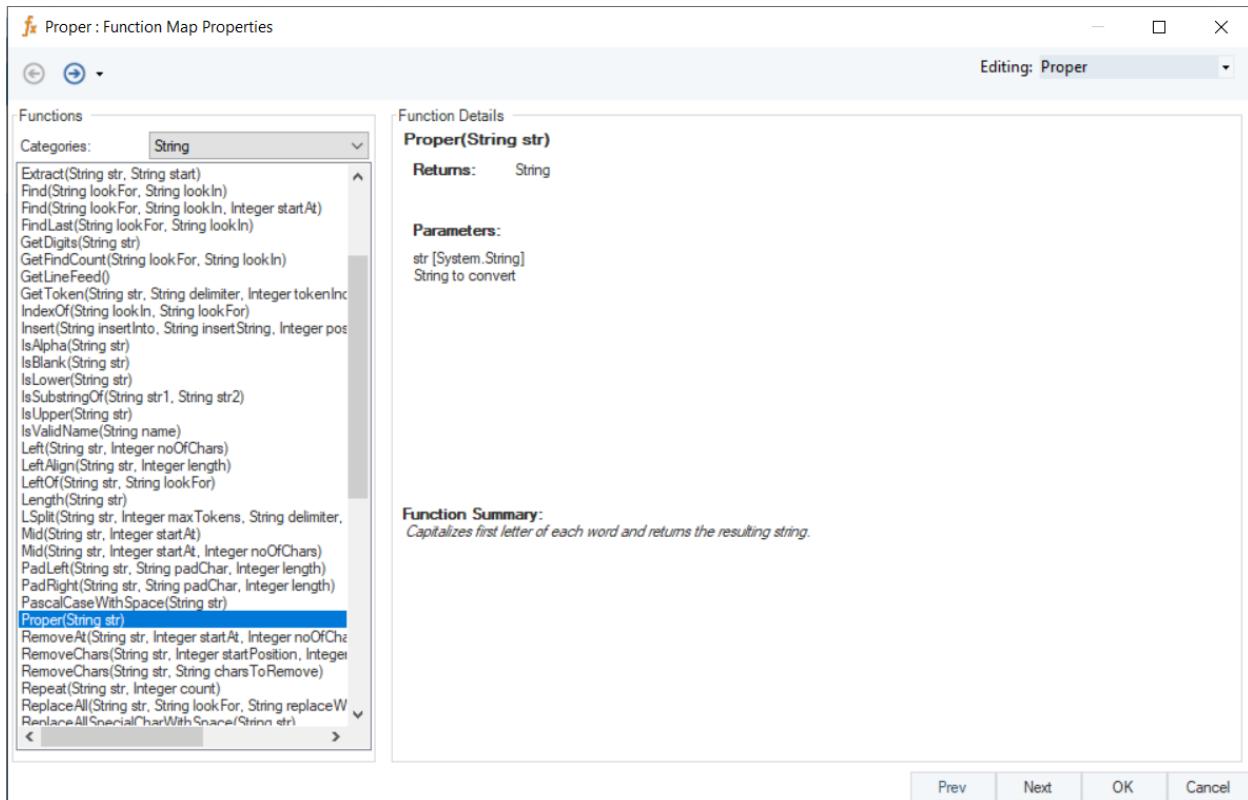
Data Preview for action PascalCaseWithSpace. Total Records 14. Records With Errors 0. Duration 00:00:00.398.

Object Path	str
Input	AccountingManager
Object Path	Value
Output	Accounting Manager

Object Path	
PascalCaseWithSpace	
Object Path	str
Input	SalesRepresentative
Object Path	Value
Output	Sales Representative
Object Path	
PascalCaseWithSpace	
Object Path	str
Input	SalesAgent
Object Path	Value
Output	Sales Agent

CHAPTER 2

Proper (String str) – String



2.1 Example

We have a customers' dataset in which we want to convert the *ContactTitle* field into proper case.

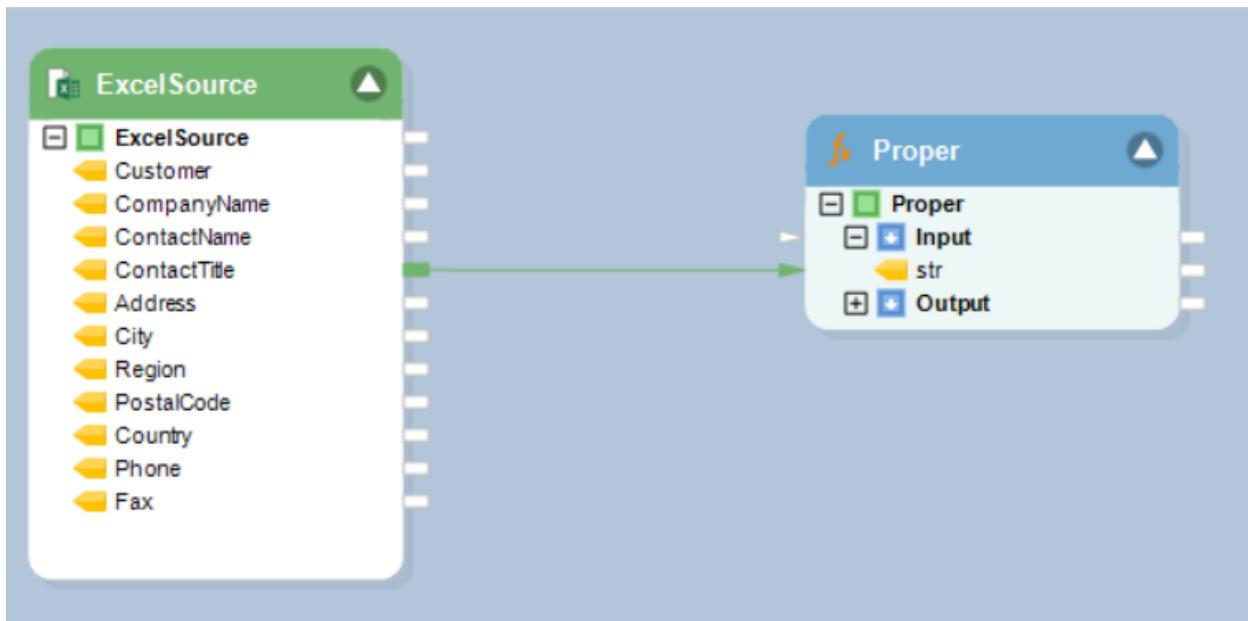
Data Preview

Source Record Count 50

Data Preview for action ExcelSource. Total Records 11. Records With Errors 0. Duration 00:00:02.124.

Object Path	Customer	CompanyName	ContactName	ContactTitle	Address	City	Region	PostalCode	Country	Phone	Fax
ExcelSource	ALFKI	Alfreds Futterkiste	Maria Anders	sales representative	Obere Str. 57	Berlin		12209	Germany	030-0074321	030-0076545
ExcelSource	ANATR	Ana Trujillo Empa	Ana Trujillo	owner	Avda de la Const	México D.F.		05021	Mexico	(5) 555-4729	(5) 555-3745
ExcelSource	ANTON	Antonio Moreno T	Antonio Moreno	owner	Mataderos 2312	México D.F.		05023	Mexico	(5) 555-3932	
ExcelSource	AROUT	Around the Horn	Thomas Hardy	sales representative	120 Hanover Sq	London	WA1 1DP		UK	(171) 555-7788	(171) 555-6750
ExcelSource	BERGS	Berglunds snabbk	Christina Berglun	order administrator	Berguvsvägen 8	Luleå	S-958 22		Sweden	0921-12 34 65	0921-12 34 67
ExcelSource	BLAUS	Blauer See Delika	Hanna Moos	sales representative	Forsterstr. 57	Mannheim		68306	Germany	0621-08460	0621-08924
ExcelSource	BLONP	Blondesddi père	Frédérique Citeau	marketing manager	24, place Kléber	Strasbourg		67000	France	88 60.15.31	88 60.15.32
ExcelSource	BOLID	Bólido Comidas p	Martin Sommer	owner	C/ Araquil, 67	Madrid		28023	Spain	(91) 555 22 82	(91) 555 91 99
ExcelSource	BONAP	Bon app	Laurence Lebihan	owner	12, rue des Bouc	Marseille		13008	France	91 24.45.40	91 24.45.41
ExcelSource	BOTTM	Bottom-Dollar Ma	Elizabeth Lincoln	accounting Manager	23 Tsawassen Bl	Tsawassen	BC	T2F 8M4	Canada	(604) 555-4729	(604) 555-3745
ExcelSource	BSBEV	B's Beverages	Victoria Ashworth	sales representative	Fauntleroy Circus	London		EC2 5NT	UK	(171) 555-1212	

We will map the *ContactTitle* data field to the str under the Input node inside the function transformation object.



You can see that the data inside the *ContactTitle* data field has been converted to proper case.

Data Preview

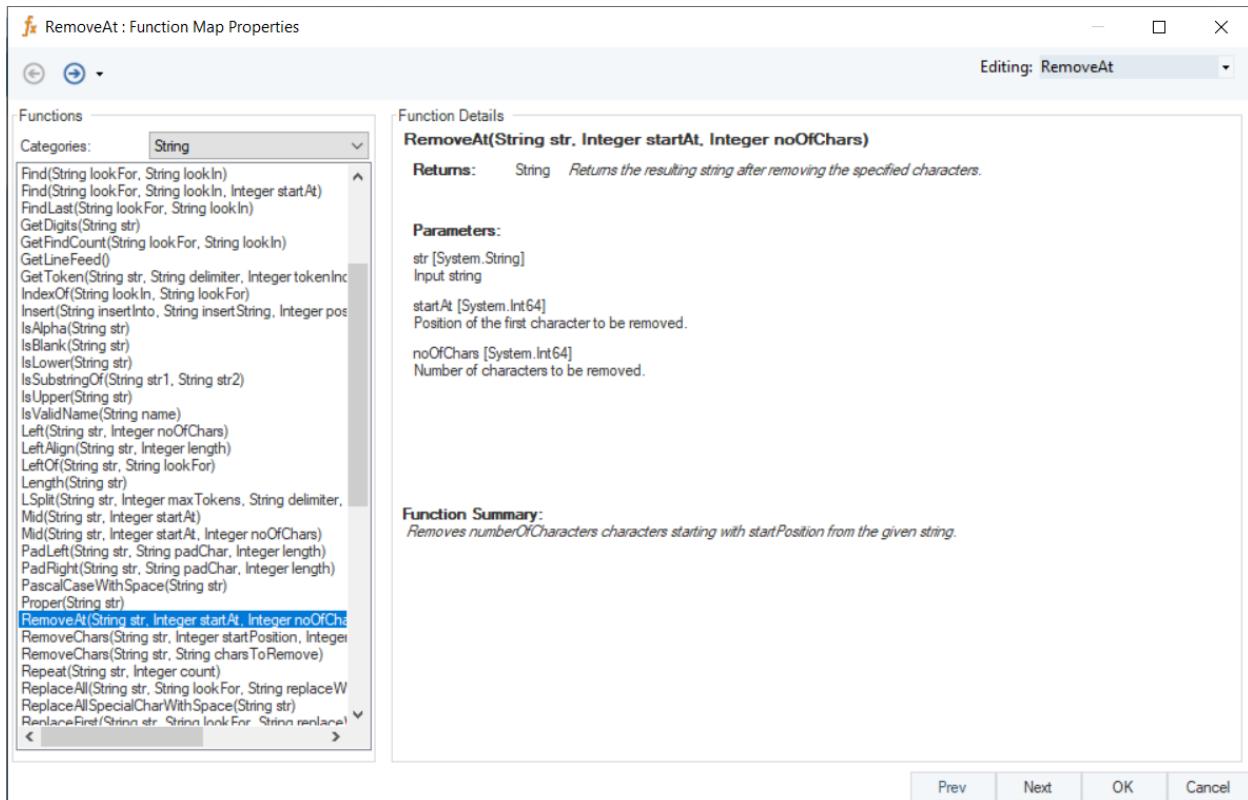
Source Record Count 50

Data Preview for action Proper. Total Records 11. Records With Errors 0. Duration 00:00:00.221.

Object Path	
Proper	
Object Path	str
Input	sales representative
Object Path	Value
Output	Sales Representative
Object Path	
Proper	
Object Path	str
Input	order administrator
Object Path	Value
Output	Order Administrator
Object Path	
Proper	
Object Path	str
Input	sales representative
Object Path	Value
Output	Sales Representative

CHAPTER 3

RemoveAt (String str, Integer startAt, Integer noofChars) – String



3.1 Example

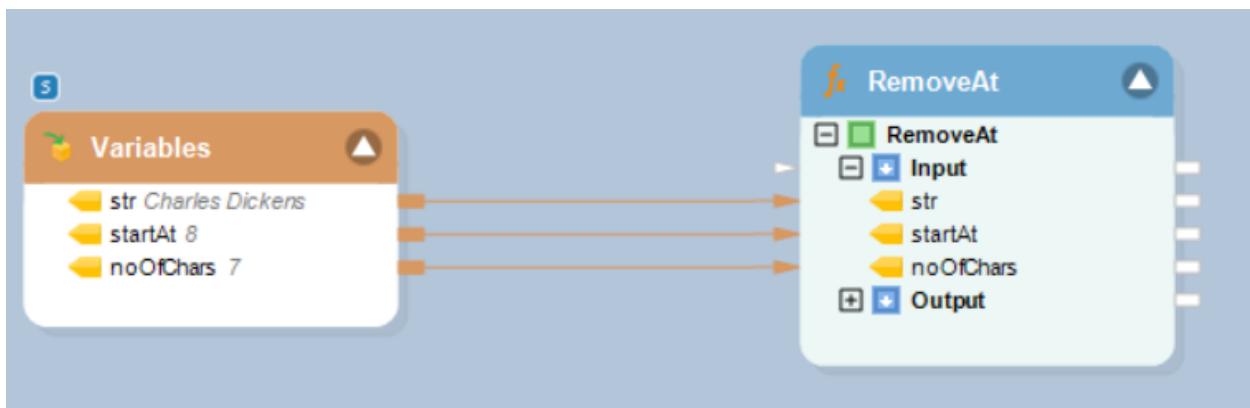
We have 3 parameters, *str*, *startAt* and *noOfChars*, in a *Variables* object in which we have specified the default values as:

`str = Charles Dickens`

`startAt = 8`

`noOfChars = 7`

Map the data fields from the *Variables* object to the respective data fields under the *Input* node inside the function object.



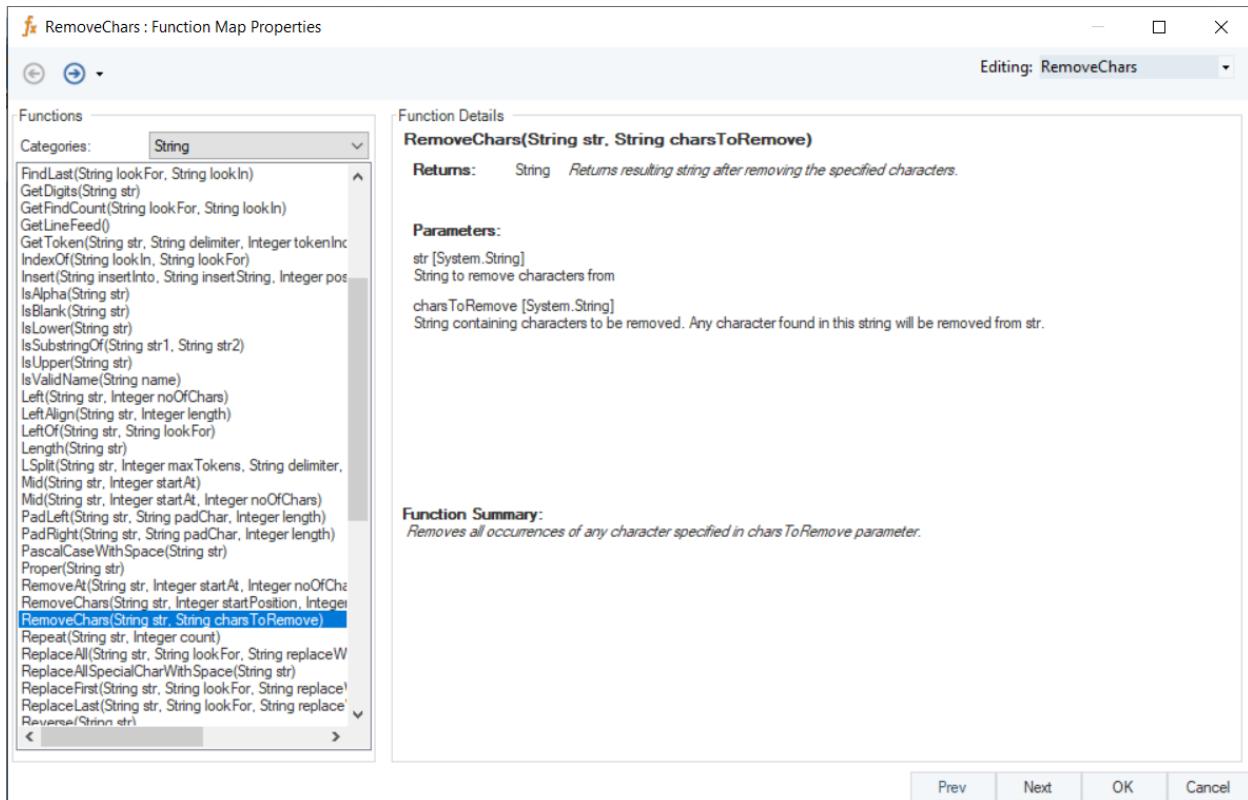
Now, right-click on the *RemoveAt* function transformation object and select *Preview Output*. You can see that starting from position 8, 7 characters have been removed from the string.

The screenshot shows the 'Data Preview' window. It displays a table with the following data:

Object Path	str	startAt	noOfChars
Input	Charles Dickens	8	7
Object Path	Value		
Output	Charles		

CHAPTER 4

RemoveChars (String str, String charsToRemove) - String

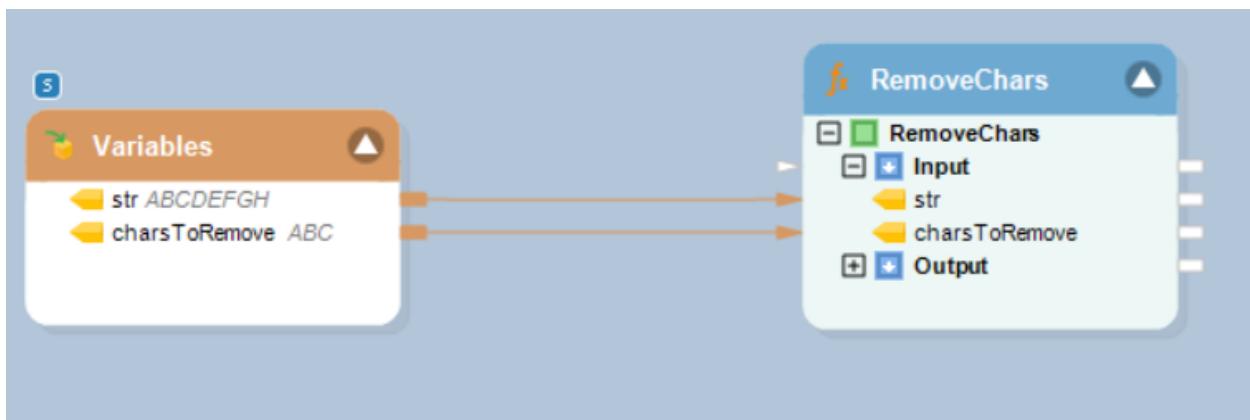


4.1 Example

In this example, we have are passing the required parameters using a *Variables* object where:

str = ABCDEFGH

`charsToRemove = ABC`



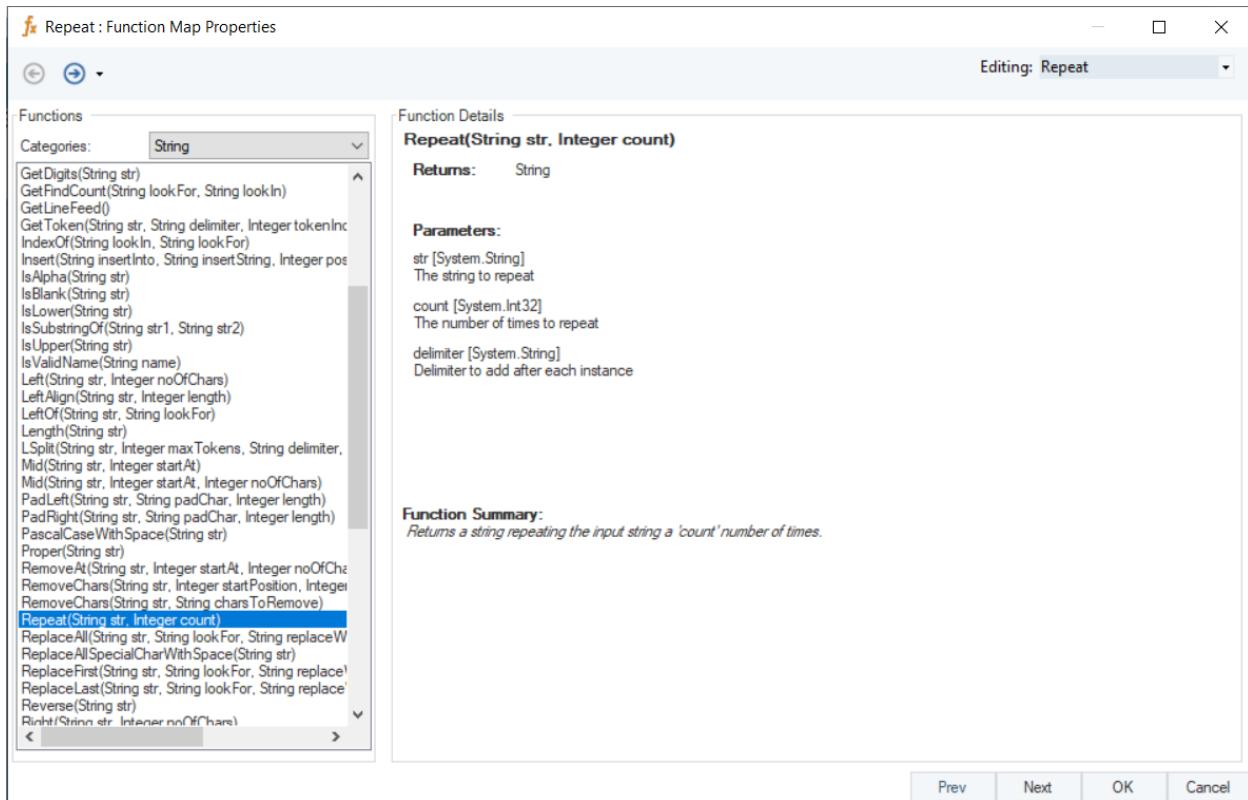
Right-click on the function transformation object and select *Preview Output*. You can see that the specified characters in `charsToRemove` have been removed.

The screenshot shows the 'Data Preview' window. It displays the following information:

- Source Record Count: 50
- Data Preview for action RemoveChars. Total Records 1. Records With Errors 0. Duration 00:00:00.219.
- Object Path: RemoveChars
- Input Object Path: str | Value: ABCDEFGH
- Output Object Path: Value: DEFGH

CHAPTER 5

Repeat (String str, Integer count) – String



5.1 Example:

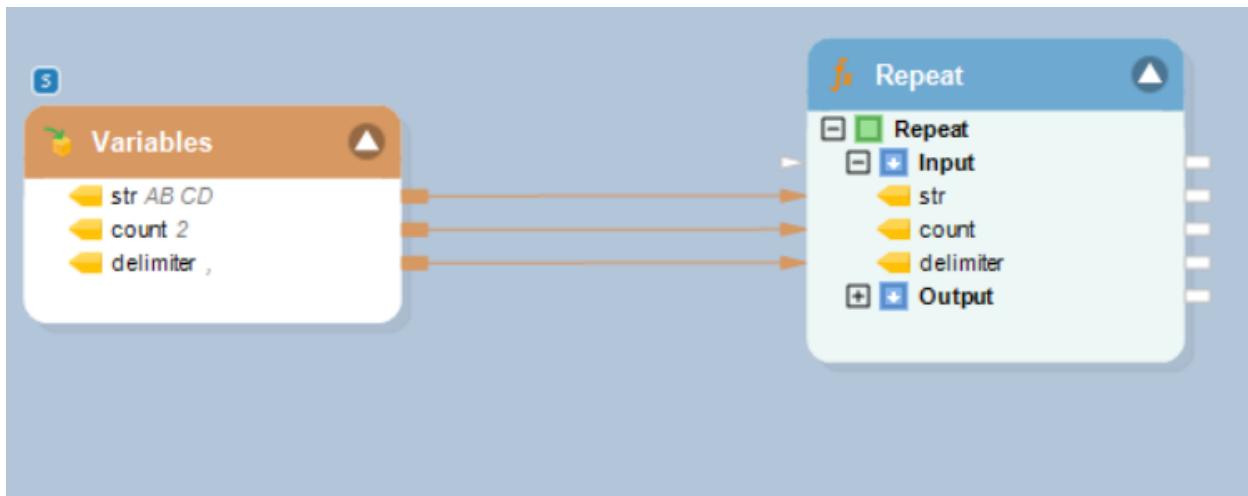
In this example, we are passing the required parameters by the function transformation from a *Variables* object.

Where,

str = AB CD

count = 2

delimiter = ,



Right-click on the function transformation object and select *Preview Output*. You can see that the characters specified in the *str* data field are repeating two times, separated by the given delimiter.

Data Preview

Source Record Count 50

Data Preview for action Repeat. Total Records 1. Records With Errors 0. Duration 00:00:00.221.

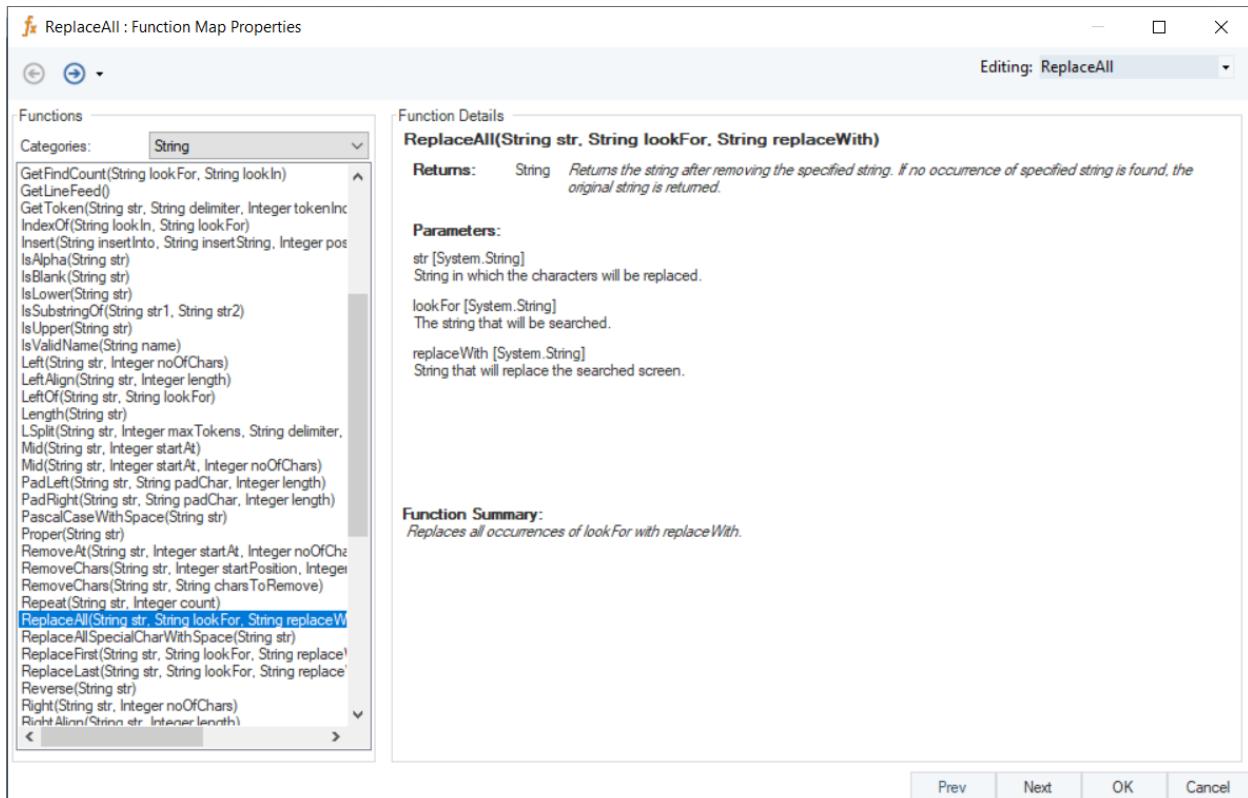
Object Path	
...	▶ Repeat

Object Path	str	count	delimiter
Input	AB CD	2	,

Object Path	Value
Output	AB CD,AB CD

CHAPTER 6

ReplaceAll (String str, String lookFor, String replaceWith) – String



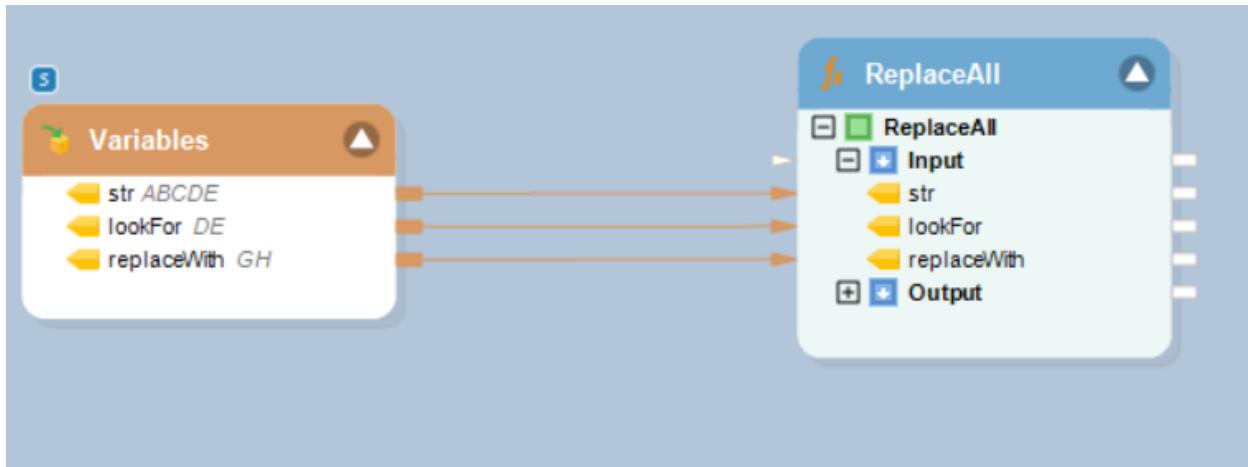
6.1 Example:

In this example, we are passing the required parameters from the *Variables* object to the function transformation object. Where,

`str = ABCDE`

`lookFor = DE`

`replaceWith = GH`

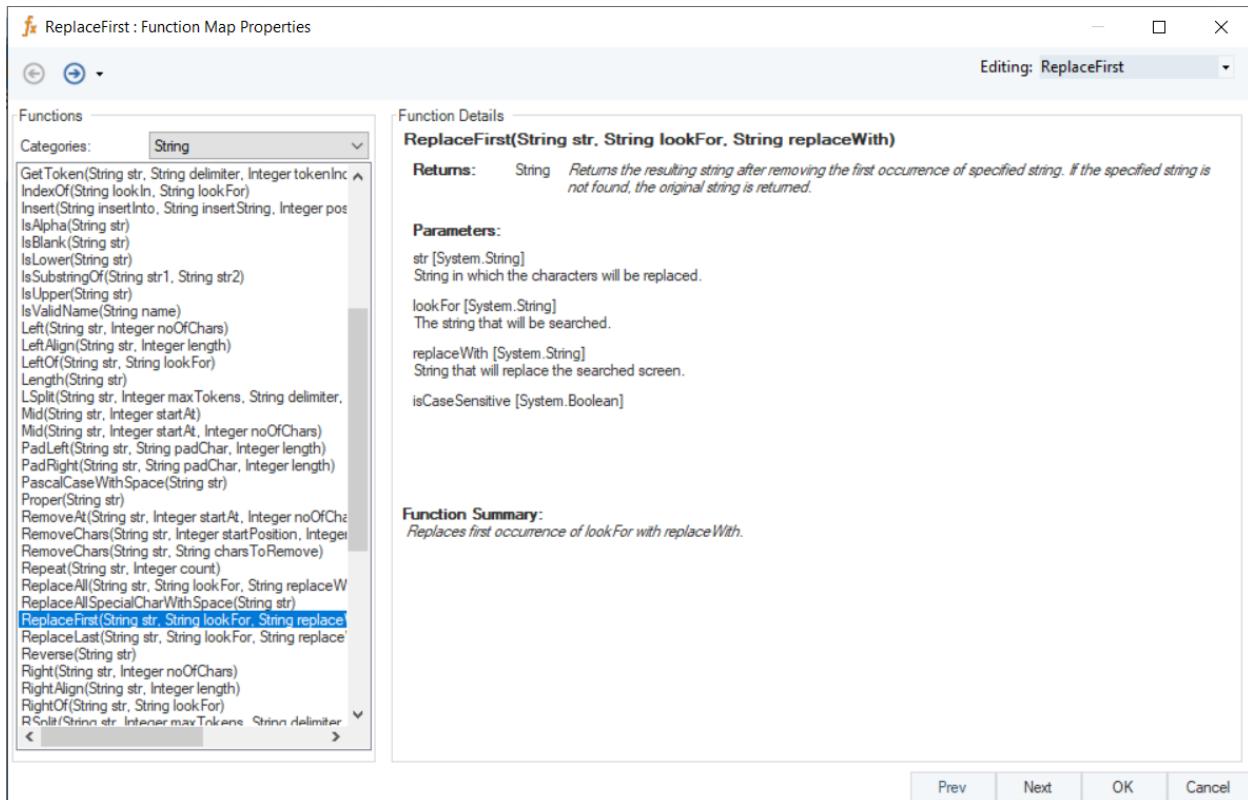


Right-click on the function transformation object and select *Preview Output*. You can see that characters ‘DE’ have been replaced by ‘GH’.

Object Path	str	lookFor	replaceWith
Input	ABCDE	DE	GH
Object Path	Value		
Output	ABCDEFGH		

CHAPTER 7

ReplaceFirst (String str, String lookFor, String replaceWith) – String



7.1 Example

In this example, we are passing the required parameters to the data fields under the *Input* node inside the function transformation object.

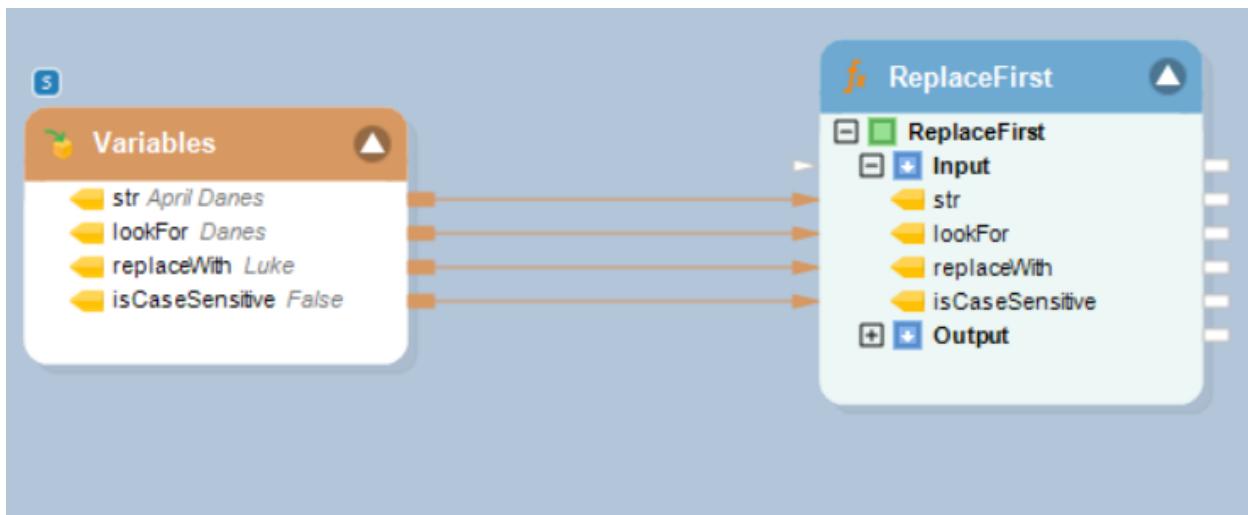
Where,

str = April Danes

lookFor = Danes

replaceWith = Luke

isCaseSensitive = False



Right-click on the function transformation object and select *Preview Output*. You can see that the “Danes” has been replaced by “Luke” successfully.

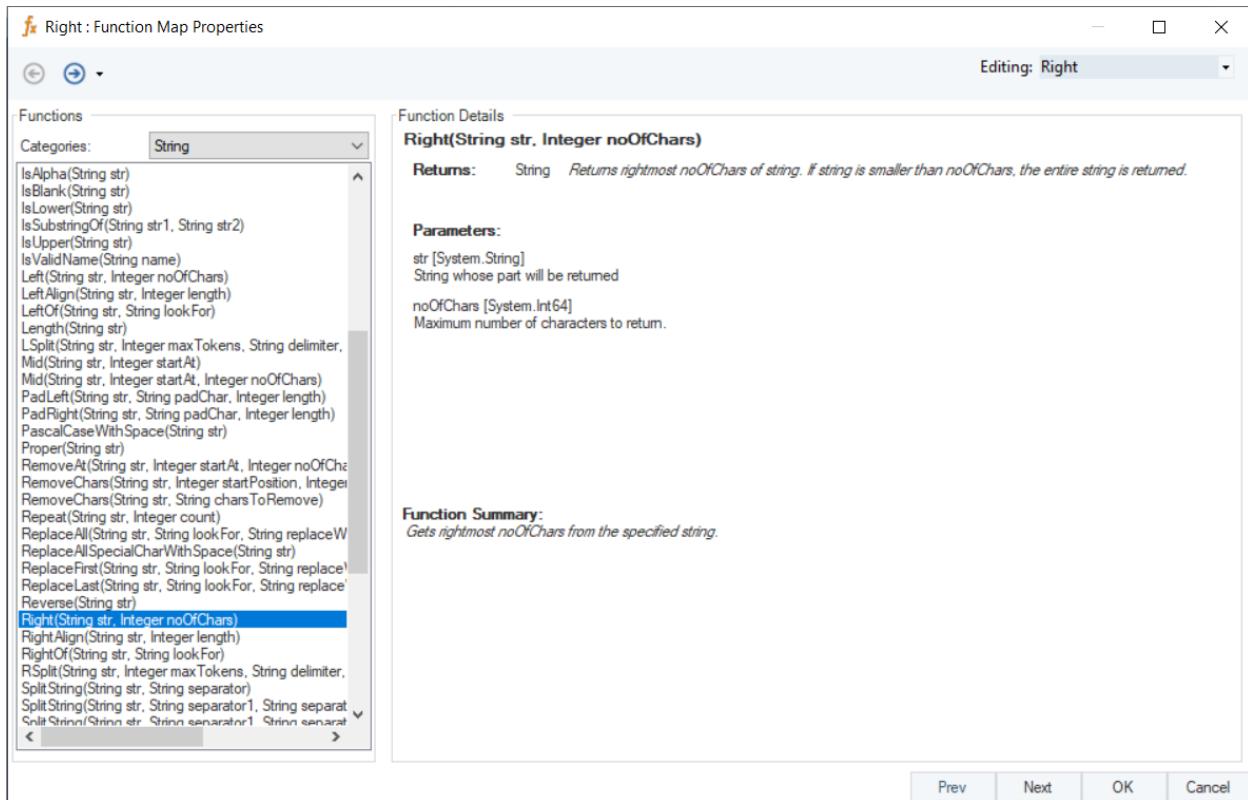
The screenshot shows the 'Data Preview' window. It displays a table with the following data:

Object Path	str	lookFor	replaceWith	isCaseSensitive
Input	April Danes	Danes	Luke	False
Output	April Luke			

The preview indicates 50 source records and 1 total record in the output, with no errors and a duration of 00:00:00.231.

CHAPTER 8

Right (String str, integer noOfChars) - String



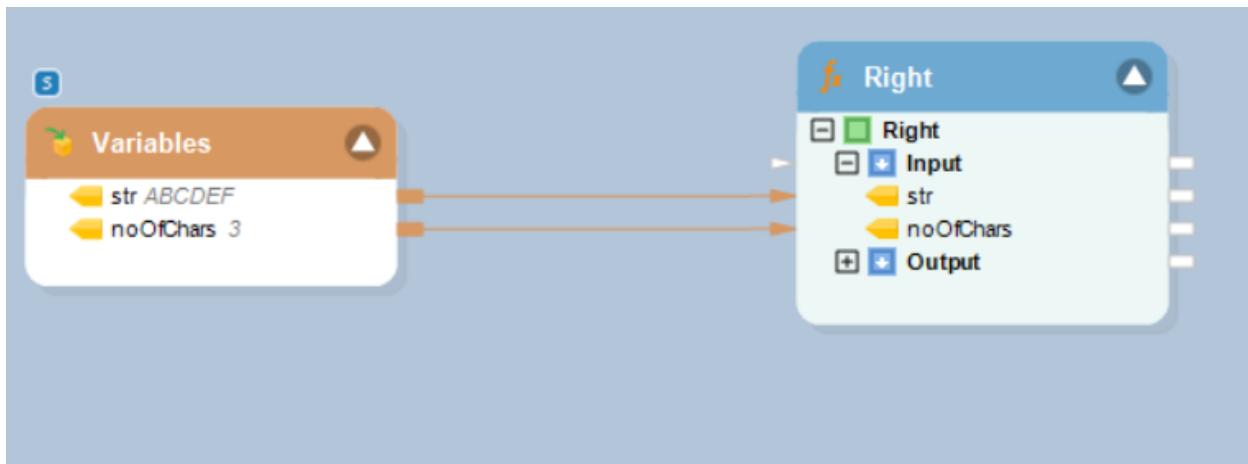
8.1 Example

In this example, we are passing the required parameter by the function transformation through a *Variables* object.

Where,

```
str = ABCDEF
```

```
noOfChars = 3
```



Right-click on the function transformation object and select *Preview Output*. You can see that 3 characters from the right of the specified string have been returned.

The screenshot shows the 'Data Preview' window. It displays the following information:

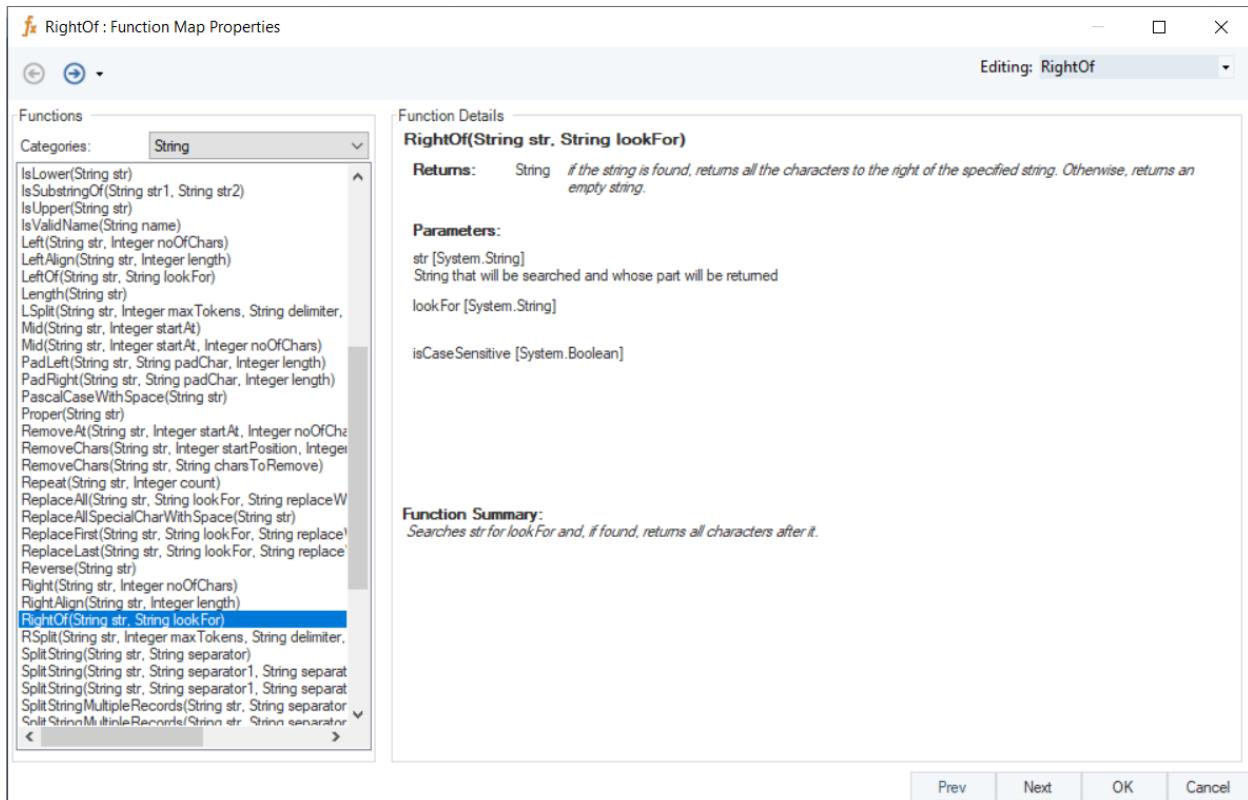
- Source Record Count: 50
- Data Preview for action Right. Total Records 1. Records With Errors 0. Duration 00:00:00.254.
- Object Path: Right
- Input Data:

Object Path	str	noOfChars
Input	ABCDEFG	3
- Output Data:

Object Path	Value
Output	DEF

CHAPTER 9

RightOf (String str, String lookFor) – String



9.1 Example

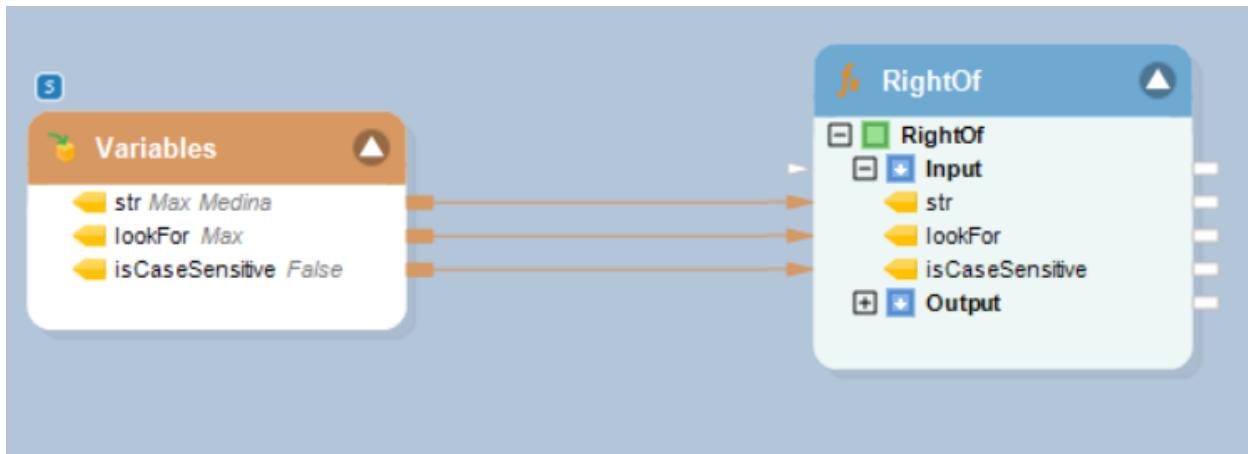
In this example, we are passing the required parameters by the function transformation through a *Variables* object.

Where,

```
str = Max Medina
```

```
lookFor = Max
```

```
isCaseSensitive = False
```



Right-click on the header of function transformation object and select *Preview Output*. You can see that Centerprise has returned the value on the right of the string given in *lookFor*.

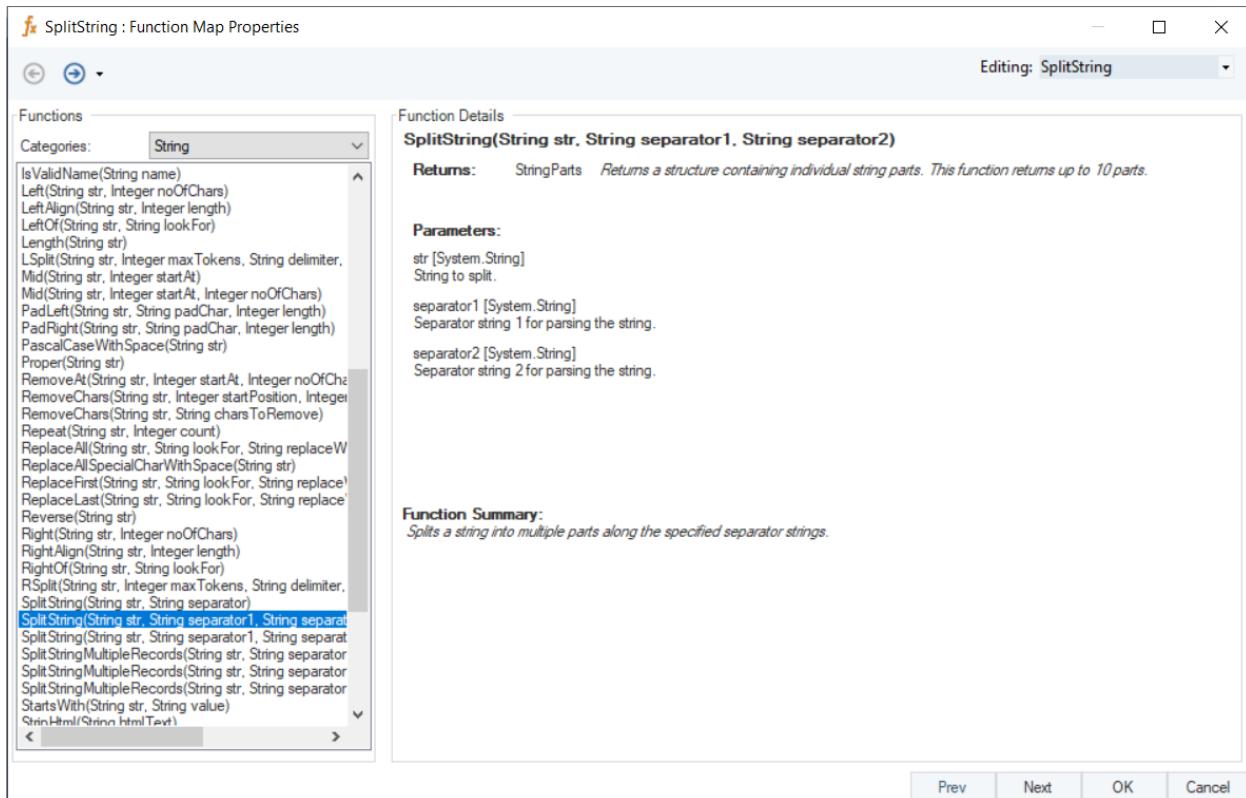
Object Path				
RightOf				

Object Path	str	lookFor	isCaseSensitive
Input	Max Medina	Max	False

Object Path	Value
Output	Medina

CHAPTER 10

SplitString (String str, String separator1, String separator2) - StringParts



10.1 Example

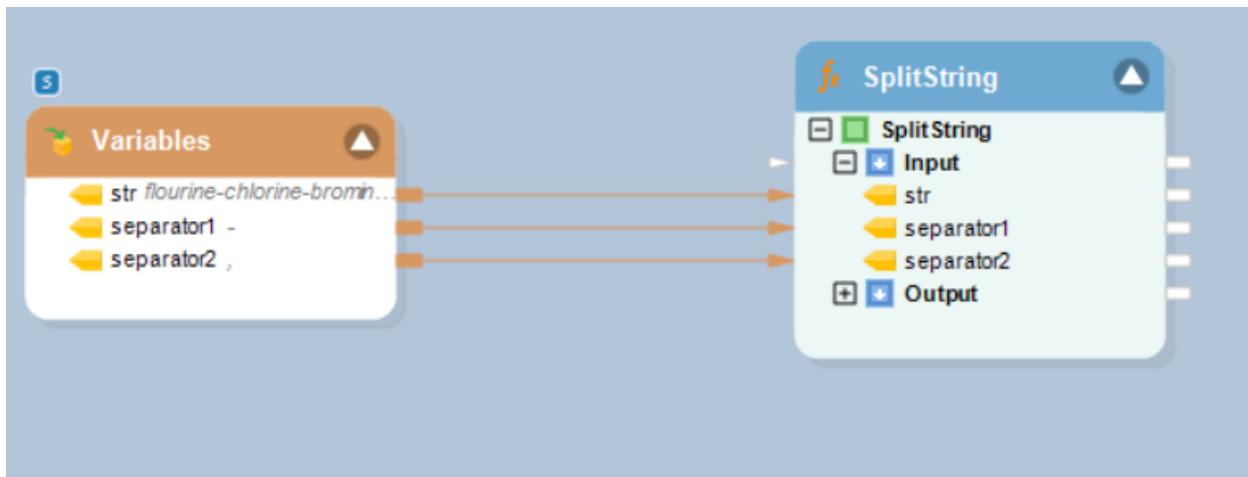
In this example, we are passing the required parameters by the function transformation through a *Variables* object.

Where,

```

str = flourine-chlorine-bromine-iodine-astatine-helium-neon-argon,krypton,xenon
separator1 =
separator2 =

```

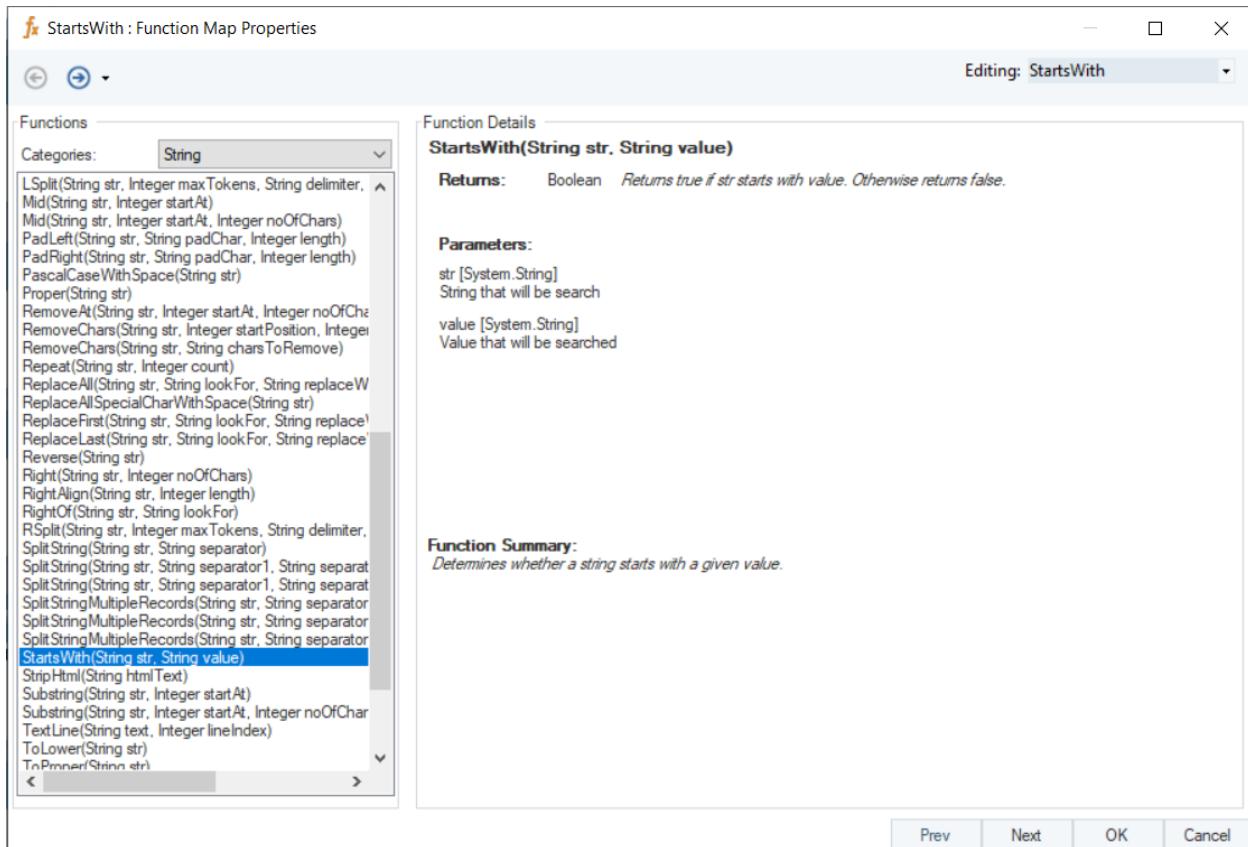


Right-click on the function transformation object and select *Preview Output*. You can see that Centerprise has split the string into 10 parts based on the given separators.

Data Preview																																																																							
Source Record Count 50																																																																							
Data Preview for action SplitString. Total Records 1. Records With Errors 0. Duration 00:00:00.254.																																																																							
<table border="1"> <thead> <tr> <th colspan="12">Object Path</th></tr> <tr> <td colspan="12"> ▶ [SplitString]</td></tr> <tr> <th colspan="12">Object Path</th></tr> <tr> <td>Input</td><td>str</td><td>separator1</td><td>separator2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Output</td><td>flourine-chlorine-b</td><td>-</td><td>.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </thead></table>											Object Path												▶ [SplitString]												Object Path												Input	str	separator1	separator2									Output	flourine-chlorine-b	-	.									
Object Path																																																																							
▶ [SplitString]																																																																							
Object Path																																																																							
Input	str	separator1	separator2																																																																				
Output	flourine-chlorine-b	-	.																																																																				
<table border="1"> <thead> <tr> <th colspan="12">Object Path</th></tr> <tr> <td>Input</td><td>LastPart</td><td>Part1</td><td>Part10</td><td>Part2</td><td>Part3</td><td>Part4</td><td>Part5</td><td>Part6</td><td>Part7</td><td>Part8</td><td>Part9</td></tr> <tr> <td>Output</td><td>xenon</td><td>flourine</td><td>xenon</td><td>chlorine</td><td>bromine</td><td>iodine</td><td>astatine</td><td>helium</td><td>neon</td><td>argon</td><td>krypton</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>TotalParts</td></tr> </thead> <tbody> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>10</td></tr> </tbody> </table>												Object Path												Input	LastPart	Part1	Part10	Part2	Part3	Part4	Part5	Part6	Part7	Part8	Part9	Output	xenon	flourine	xenon	chlorine	bromine	iodine	astatine	helium	neon	argon	krypton												TotalParts												10
Object Path																																																																							
Input	LastPart	Part1	Part10	Part2	Part3	Part4	Part5	Part6	Part7	Part8	Part9																																																												
Output	xenon	flourine	xenon	chlorine	bromine	iodine	astatine	helium	neon	argon	krypton																																																												
											TotalParts																																																												
											10																																																												

CHAPTER 11

StartsWith (String str, String value) – Boolean



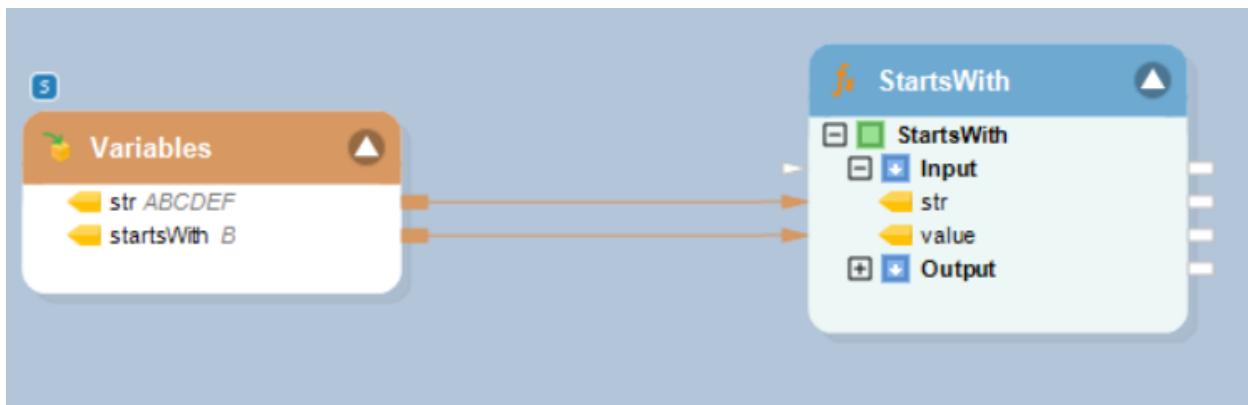
11.1 Example

In this example, we are passing the required parameters to the function transformation object using a *Variables* object.

Where,

$str = ABCDEF$

$startsWith = B$



Right-click on the function transformation object and select *Preview Output*. You can see that Centerprise has returned the Boolean value, False, which means the original string does not start with the given value.

Data Preview

Source Record Count 50

Data Preview for action StartsWith. Total Records 1. Records With Errors 0. Duration 00:00:00.246.

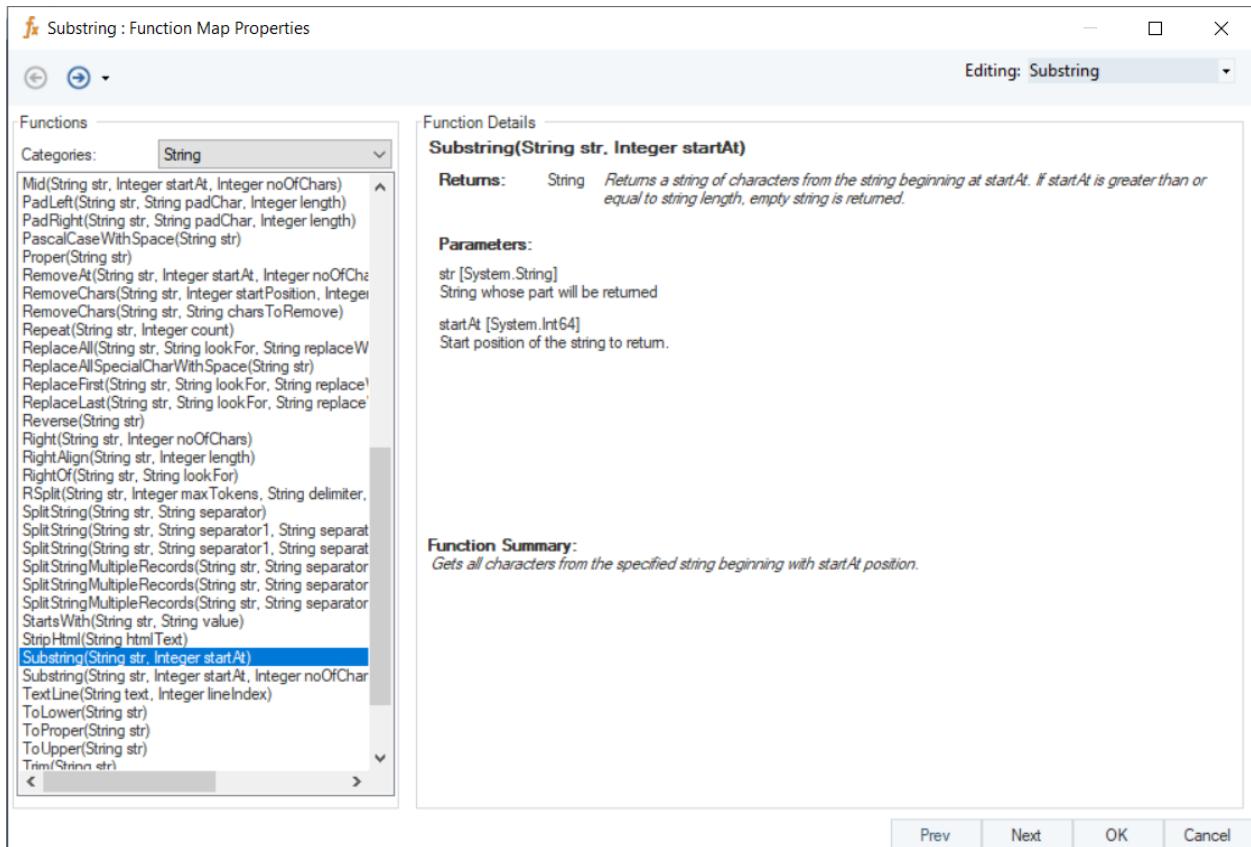
Object Path
StartsWith

Object Path	str	value
Input	ABCDEF	B

Object Path	Value
Output	False

CHAPTER 12

Substring (String str, Integer startAt) – String



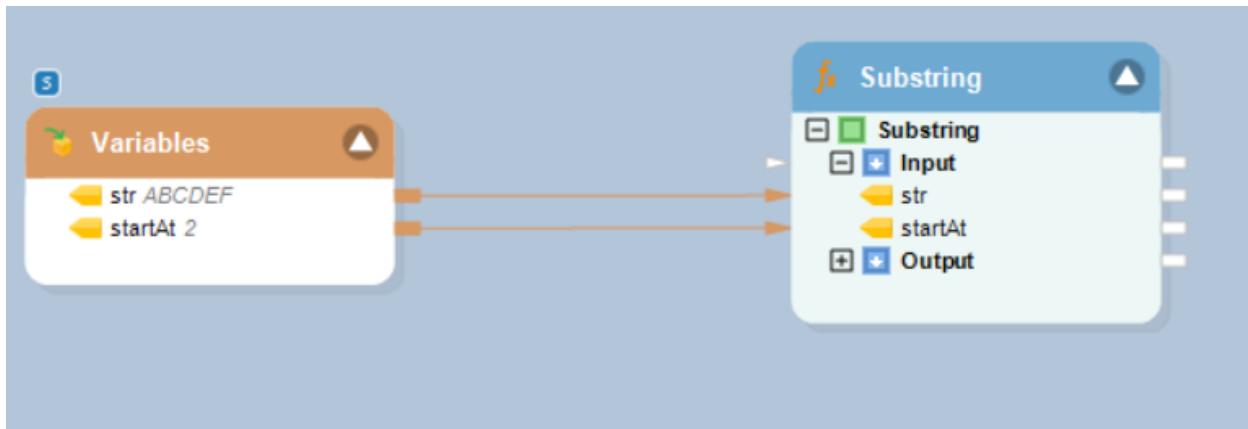
12.1 Example

In this example, we are passing the required parameters to the function transformation through a *Variables* object.

Where,

$str = ABCDEF$

$startAt = 2$



Right-click on the function transformation object and select *Preview Output*. You can see that it has returned the string value after second position.

The screenshot shows the 'Data Preview' window for the Substring transformation. It displays the following information:

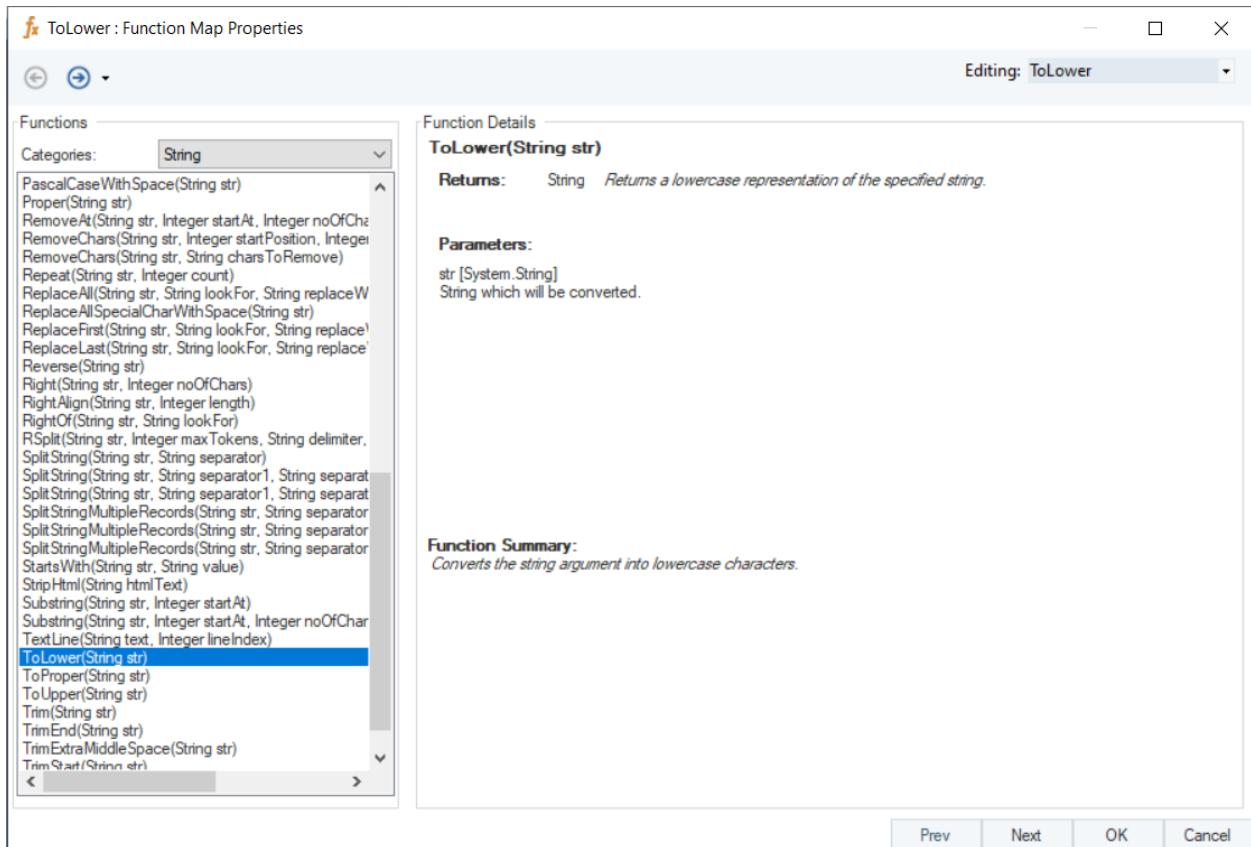
- Source Record Count: 50
- Data Preview for action Substring. Total Records 1. Records With Errors 0. Duration 00:00:00.227.
- Object Path: Substring
- Input Data:

Object Path	str	startAt
Input	ABCDEF	2
- Output Data:

Object Path	Value
Output	CDEF

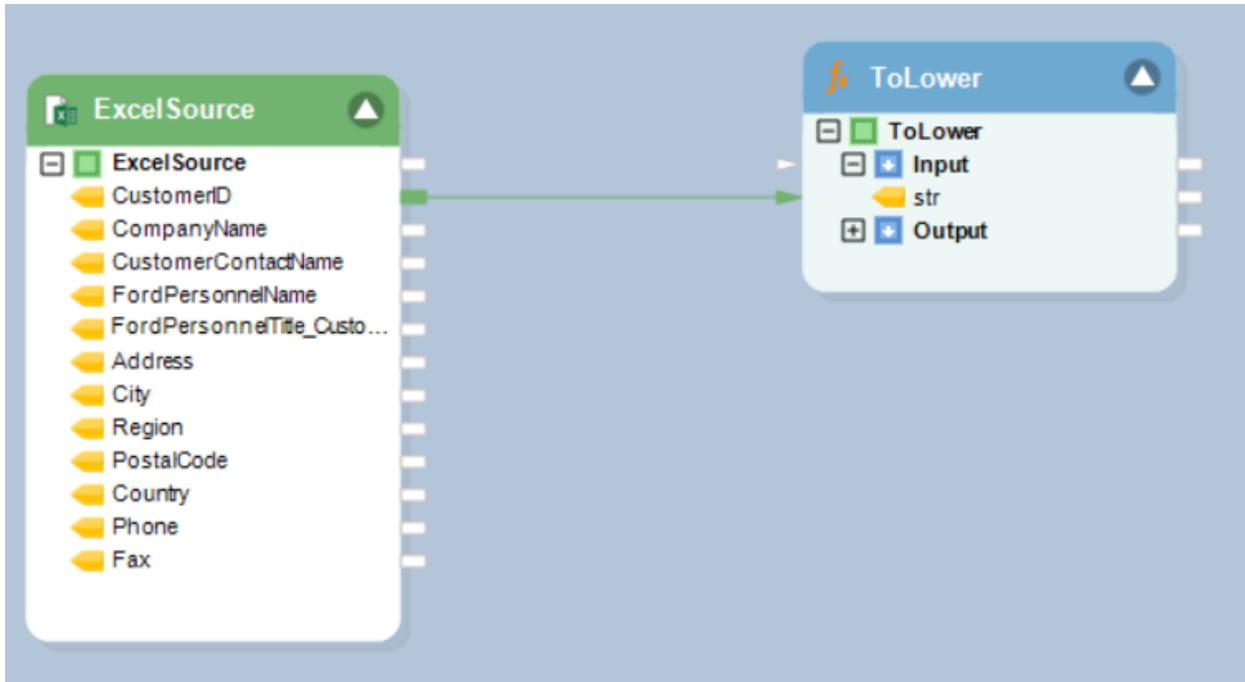
CHAPTER 13

ToLower(String str) – String



13.1 Example

In this example, we have a customer's data in which we want to convert the *CustomerID* information into lower case. Map the *CustomerID* to the *str* data field under the *Input* node inside the function transformation object.



Right-click on the header of function transformation object and select *Preview Output*. You can see that all the *CustomerIDs* have been converted into lower case.

Data Preview

Source Record Count 50

Data Preview for action ToLower. Total Records 13. Records With Errors 0. Duration 00:00:00.241.

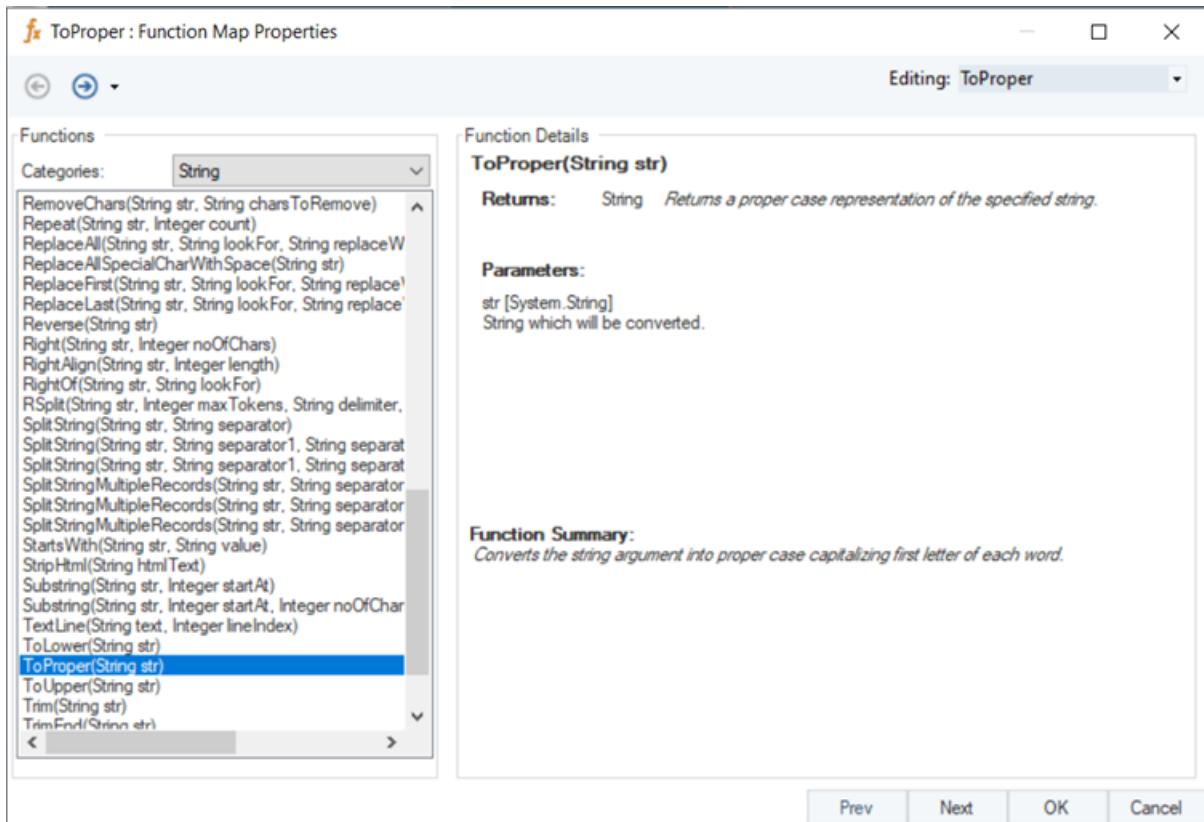
Object Path	
▶	ToLower
Object Path	str
Input	ALFKI
Object Path	Value
Output	alfki

Object Path	
▶	ToLower
Object Path	str
Input	ANATR
Object Path	Value
Output	anatr

Object Path	
▶	ToLower
Object Path	str
Input	ANTON
Object Path	Value
Output	anton

CHAPTER 14

ToProper(String str) – String



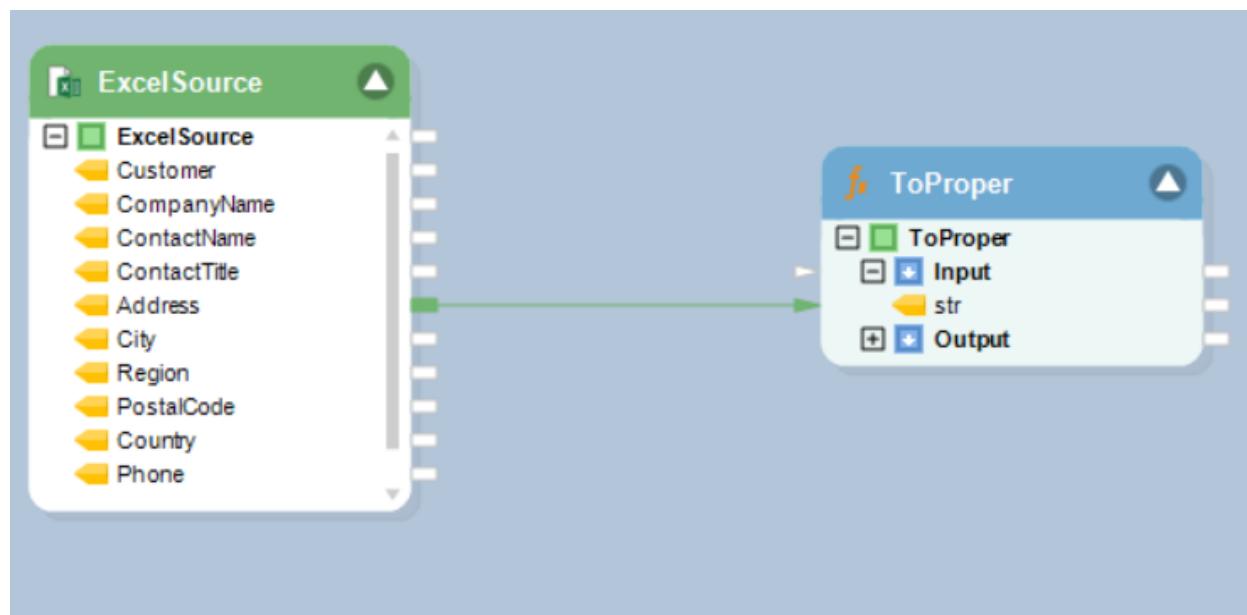
14.1 Example

We have a customers data in which we want to convert the *Address* information into proper case.

Data Preview > Data Preview for action ExcelSource. Total Records 50. Records with Errors 0. Duration 00:00:00.380.

Object Path	Customer	CompanyName	ContactName	ContactTitle	Address	City	Region	PostalCode	Country	Phone	Fax
ExcelSource	ALFKI	Alfreds Futterk	Maria Anders	Sales Representa	Obere Str. 57	Berlin	12209	Germany	030-0074321	030-0076545	
ExcelSource	ANATR	Ana Trujillo	Ana Trujillo	Owner	Avda. de la Constitución 2222	México D.F.	05021	Mexico	(5) 555-4729	(5) 555-3745	
ExcelSource	ANTON	Antonio Moreno T	Antonio Moreno	Owner	Mataderos 2312	México D.F.	05023	Mexico	(5) 555-3932		
ExcelSource	AROUT	Around the Horn	Thomas Hardy	Sales Representa	120 Hanover Sq.	London	W1A 1DP	UK	(171) 555-7788	(171) 555-6750	
ExcelSource	BERGS	Berglunds snabbk	Christina Berglun	Order Administrat	Berguvsvägen 8	Luleå	S-958 22	Sweden	0921-12 34 65	0921-12 34 67	
ExcelSource	BLAUS	Blauer See Deli	Hanna Moos	Sales Representa	Forsterstr. 57	Mannheim	68306	Germany	0621-08460	0621-08924	
ExcelSource	BLONP	Blondesdel père	Frédérique Citeau	Marketing Manag	24, place Kléber	Strasbourg	67000	France	88.60.15.31	88.60.15.32	
ExcelSource	BOLID	Bólido Comid	Martin Sommer	Owner	C/ Araquil, 67	Madrid	28023	Spain	(91) 555 22 82	(91) 555 91 99	
ExcelSource	BONAP	Bon app'	Laurence Lebihan	Owner	12, rue des Bouchers	Marseille	13008	France	91.24.45.40	91.24.45.41	
ExcelSource	BOTTM	Bottom-Dollar M	Elizabeth Lincoln	Accounting Mana	23 Tsawassen Blvd.	Tsawassen	BC	T2F 8M4	(604) 555-4729	(604) 555-3745	
ExcelSource	BSBEV	B's Beverages	Victoria Ashworth	Sales Representa	Fauntleroy Circus	London	EC2 5NT	UK	(171) 555-1212		
ExcelSource	CACTU	Cactus Comida	Patricia Simpson	Sales Agent	Cerrito 333	Buenos Aires	1010	Argentina	(1) 135-6555	(1) 135-4892	
ExcelSource	CENTC	Centro comerç	Francisco Chang	Marketing Manag	Sierras de Granada 9993	México D.F.	05022	Mexico	(5) 555-3392	(5) 555-7293	
ExcelSource	CHOPS	Chop-suey Chine	Yang Wang	Owner	Hauptstr. 29	Bern	3012	Switzerland	0452-076545		
ExcelSource	CONSH	Consolidated Hol	Elizabeth Brown	Sales Representa	Berkeley Gardens 12	Brewery	W1X 6LT	UK	(171) 555-2282	(171) 555-9199	
ExcelSource	COMMI	Comércio Minei	Pedro Alonso	Sales Associate	Av. dos Lusíadas, 23	Sao Paulo	SP	05432-043	Brazil	(11) 555-7647	
ExcelSource	DRACD	Drachenblut Delik	Sven Ottlieb	Order Administrat	Walserweg 21	Aachen	52066	Germany	0241-039123	0241-059428	

We will map the *Address* data field to the *str* under the *Input* node inside the function transformation object.



You can see that the data inside the *Address* field has been converted to proper case.

Data Preview

Source Record Count 50 | !

Data Preview for action ToProper. Total Records 50. Records With Errors 0. Duration 00:00:02.122.

Object Path		
-	ToProper	
	Object Path	str
	Input	Obere Str. 57
	Object Path	Value
	Output	Obere Str. 57

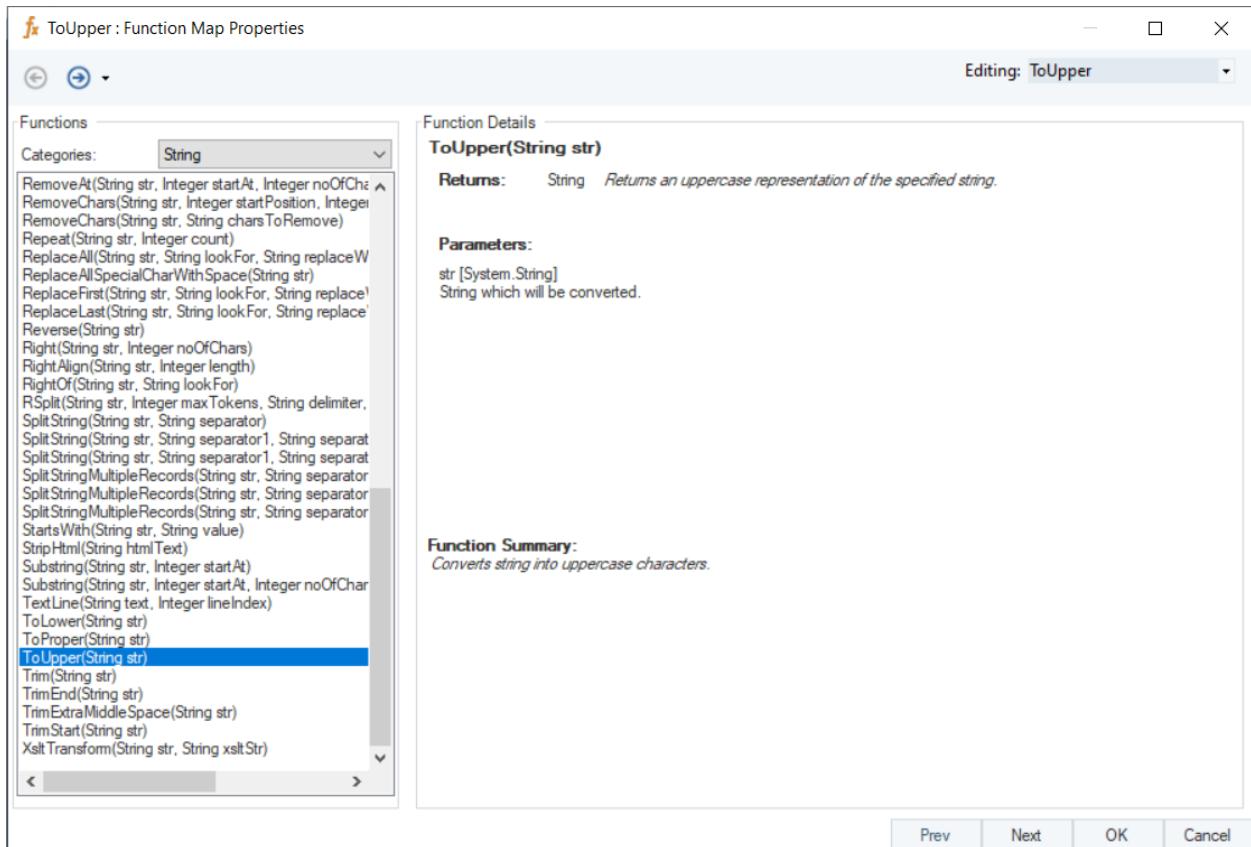
Object Path		
-	ToProper	
	Object Path	str
	Input	Avda. de la Constitución 2222
	Object Path	Value
	Output	Avda. De La Constitución 2222

Object Path		
-	ToProper	
	Object Path	str
	Input	Mataderos 2312
	Object Path	Value
	Output	Mataderos 2312

Job Progress Verify Data Preview

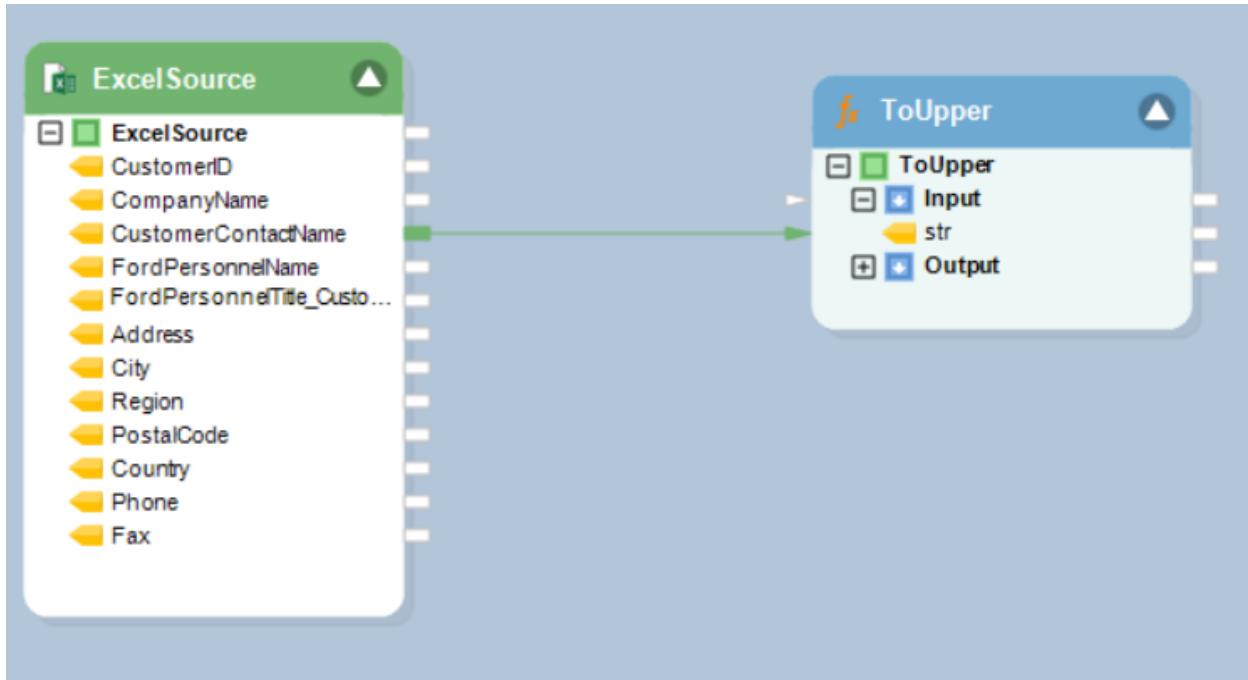
CHAPTER 15

ToUpper (String str) – String



15.1 Example

In this example, we have customers data stored in an *Excel* sheet. We want to convert *CustomerContactName* into uppercase. So, we will map the *CustomerContactName* data field to *str* data field under the *Input* node inside the function transformation object.



Right-click on the function transformation object and select *Preview Output*. You can see that the value inside the data field has been converted into uppercase.

Data Preview

Source Record Count 50

Data Preview for action ToUpper. Total Records 13. Records With Errors 0. Duration 00:00:00.226.

Object Path
↳ ToUpper
Object Path str
Input Maria Anders
Object Path Value
Output MARIA ANDERS
Object Path
ToUpper
Object Path str
Input Ana Trujillo
Object Path Value
Output ANA TRUJILLO
Object Path
ToUpper
Object Path str
Input Antonio Moreno
Object Path Value

CHAPTER 16

Trim (String str) – String

fx Trim : Function Map Properties

Editing: Trim

Functions

Categories: String

- RemoveAt(String str, Integer startAt, Integer noOfChars)
- RemoveChars(String str, Integer startPosition, Integer noOfChars)
- RemoveChars(String str, String charsToRemove)
- Repeat(String str, Integer count)
- ReplaceAll(String str, String lookFor, String replaceWith)
- ReplaceAllSpecialCharWithSpace(String str)
- ReplaceFirst(String str, String lookFor, String replaceWith)
- ReplaceLast(String str, String lookFor, String replaceWith)
- Reverse(String str)
- Right(String str, Integer noOfChars)
- RightAlign(String str, Integer length)
- RightOf(String str, String lookFor)
- RSplit(String str, Integer maxTokens, String delimiter)
- Split(String str, String separator)
- Split(String str, String separator1, String separator2)
- Split(String str, String separator1, String separator2)
- SplitStringMultipleRecords(String str, String separator)
- SplitStringMultipleRecords(String str, String separator1)
- SplitStringMultipleRecords(String str, String separator2)
- StartsWith(String str, String value)
- StripHtml(String htmlText)
- SubString(String str, Integer startAt)
- SubString(String str, Integer startAt, Integer noOfChars)
- TextLine(String text, Integer lineIndex)
- ToLower(String str)
- ToProper(String str)
- ToUpper(String str)
- Trim(String str)**
- TrimEnd(String str)
- TrimExtraMiddleSpace(String str)
- TrimStart(String str)
- XsltTransform(String str, String xsltStr)

Function Details

Trim(String str)

Returns: String Returns a string after removing any leading and trailing white space characters from the specified string.

Parameters:

str [System.String]
String which will be trimmed.

Function Summary:
Removes any leading and trailing white spaces from the string argument. Whitespaces include space, new line, tab, and linefeed characters.

Prev Next OK Cancel

16.1 Example

In this example, we have order details of customers residing in an *Excel* file. We want all the columns to be free of white spaces so that the data is more cleansed, presentable, and ready for further processing.

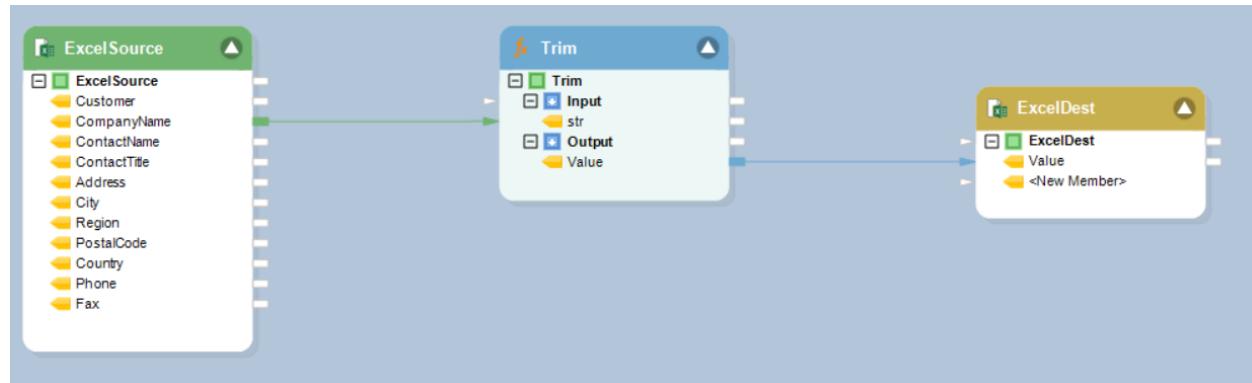
Data Preview

Source Record Count 50

Data Preview for action ExcelSource. Total Records 50. Records With Errors 0. Duration 00:00:02.077.

Object Path	Customer	CompanyName	ContactName	ContactTitle	Address	City	Region	PostalCode	Country	Phone	Fax
ExcelSource	ALFKI	Alfreds Futterki	Maria Anders	Sales Representa	Obere Str. 57	Berlin		12209	Germany	030-0074321	030-0076545
ExcelSource	ANATR	Ana Trujillo	Ana Trujillo	Owner	Avda. de la Constitución 22	México D.F.		05021	Mexico	(5) 555-4729	(5) 555-3745
ExcelSource	ANTON	Antonio Moreno T	Antonio Moreno	Owner	Mataderos 2312	México D.F.		05023	Mexico	(5) 555-3932	
ExcelSource	AROUT	Around the Horn	Thomas Hardy	Sales Representa	120 Hanover Sq.	London	WA1 1DP	UK		(171) 555-7788	(171) 555-6750
ExcelSource	BERGS	Berglunds snabbköp	Christina Berglun	Order Administrat	Berguvsvägen 8	Luleå	S-958 22	Sweden	0921-12 34 65	0921-12 34 67	
ExcelSource	BLAUS	Blauer See Deli	Hanna Moos	Sales Representa	Forsterstr. 57	Mannheim		68306	Germany	0621-08460	0621-08924
ExcelSource	BLONP	Blondesdösl père et fils	Frédérique Citeau	Marketing Manag	24, place Kléber	Strasbourg		67000	France	88.60.15.31	88.60.15.32
ExcelSource	BOUD	Bólido Comida	Martin Sommer	Owner	C/ Araquil, 67	Madrid		28023	Spain	(91) 555 22 82	(91) 555 91 99
ExcelSource	BONAP	Bon app'	Laurence Lebihan	Owner	12, rue des Bouc	Marseille		13008	France	91.24.45.40	91.24.45.41
ExcelSource	BOTTM	Bottom-Dollar M	Elizabeth Lincoln	Accounting Mana	23 Tsawassen Bl	Tsawassen	BC	T2F 8M4	Canada	(604) 555-4729	(604) 555-3745
ExcelSource	BSBEV	B's Beverages	Victoria Ashworth	Sales Representa	Faulneroy Circus	London		EC2 5NT	UK	(171) 555-1212	
ExcelSource	CACTU	Cactus Comidas	Patricia Simpson	Sales Agent	Cerrito 333	Buenos Aires		1010	Argentina	(1) 135-5555	(1) 135-4892
ExcelSource	CENTC	Centro comerç	Francisco Chang	Marketing Manag	Sierras de Grand	México D.F.		05022	Mexico	(5) 555-3392	(5) 555-7293
ExcelSource	CHOPS	Chop-suey Chine	Yang Wang	Owner	Hauptstr. 29	Bern		3012	Switzerland	0452-076545	
ExcelSource	CONSH	Consolidated Hol	Elizabeth Brown	Sales Representa	Berkeley Gardens	London		WX1 6LT	UK	(171) 555-2282	(171) 555-9199
ExcelSource	COMMI	Comércio Mineiro	Pedro Afonso	Sales Associate	Av. dos Lusiadas,	Sao Paulo	SP	05432-043	Brazil	(11) 555-7647	
ExcelSource	DRACD	Drachenblut Delik	Sven Ottieb	Order Administrat	Walserweg 21	Aachen		52066	Germany	0241-039123	0241-059428

Map the *CompanyName* to the *str* data field under the *Input* node inside the function transformation object.



You can see that all the leading and trailing spaces have been removed from the data field.

Data Preview

Source Record Count 50 |

Data Preview for action ExcelDest. Total Records 50. Records With Errors 0. Duration 00:00:00.327.

Object Path	Value
▶ ExcelDest	Alfreds Futterkiste
ExcelDest	Ana Trujillo Emparedados y h
ExcelDest	Antonio Moreno Taquería
ExcelDest	Around the Horn
ExcelDest	Berglunds snabbköp
ExcelDest	Blauer See Delikatessen
ExcelDest	Blondesdsl père et fils
ExcelDest	Bólido Comidas preparadas
ExcelDest	Bon app'
ExcelDest	Bottom-Dollar Markets
ExcelDest	B's Beverages
ExcelDest	Cactus Comidas para llevar
ExcelDest	Centro comercial Moctezuma
ExcelDest	Chop-suey Chinese
ExcelDest	Consolidated Holdings
ExcelDest	Comércio Mineiro
ExcelDest	Drachenblut Delikatessen

Job Progress Verify Data Preview