

String SubString Action

The String SubString action enables you to extract part of a string, where it can be used in subsequent actions.

Input And Output

The screenshot shows the 'String SubString' dialog box with the 'Input and Output' tab selected. The dialog has four tabs: 'General', 'Runtime', 'Input and Output', and 'Substring Options'. The 'Input' section has two radio buttons: 'From variable' (selected) and 'Specify value'. The 'From variable' option has a dropdown menu showing 'L_Date'. The 'Specify value' option has an empty text field. The 'Output' section has two radio buttons: 'Apply to existing value' (selected) and 'Specify output variable'. The 'Specify output variable' option has an empty text field. At the bottom are 'OK', 'Cancel', and 'Help' buttons.

String SubString

General Runtime **Input and Output** Substring Options

Input

☒ From variable

L_Date

☐ Specify value

Output

☒ Apply to existing value

☐ Specify output variable

OK Cancel Help

Input

From variable

Select existing variable to be used.

Specify value

Input a new value to be used

Output

Apply to existing variable

Output changes to original variable.

Specify output variable

Output changes to a specific variable.

SubString Options


String SubString

General

Runtime

Input and Output

Substring Options

 **Extract sub-string**

☒ Specify position

☐ Left

☒ Right

Start position

Length

☐ Specify string

Start string

End string

☐ Include search string (The search string will be included in the output)

☐ Fail if search words are not found

OK

Cancel

Help

Extract SubString

Specify Position

The action will extract a specified number of characters from the beginning or end of the string.

Left -

Right -

Start Position -

Length -

Specify String

This option allows you to extract part of a string between two set characters or words.

Example: Input string "one two three four" extracting between "one" and "four" will return " two three"

Start string -

End string -

Include Search String

This option determines whether the output string includes the search words.

Fail if search words are not found

Scripting Info

The Action properties available are :

property InputString : string;// The input string, if not using a variable

property OutputVariable: string;// The Output Variable name

property ApplyToInput : boolean;// Apply the changes to the input variable, only valid if using an input variable

property UsingInputVariable : boolean;// True if using an input variable, not input string

property InputVariable : string;// Input variable name

property Left : boolean;// True to extract from the beginning, false to extract from the end

property Length: string;// Length to extract

property CharacterStart : string;// Start string to find

property CharacterEnd : string;// End string to find

property HasSpecifiedIndex : boolean;// True to specify index, otherwise false

property HasIncludedSearchWord: boolean;// True to include search word in the output, otherwise false

property FailIfStringNotFound: boolean;// True to fail if string is not found, otherwise false