

Regextract function – examples

Applies to:

Crow Canyon NITRO activated sites in:
SharePoint Online and On-Premises 2013/2016/2019

Components: NITRO Workflows and Custom Actions

Description

A regular expression (regex) is a sequence of characters that specifies a search pattern. Usually, such patterns are used for search and replace operations on strings.

‘NITRO Workflows’ and ‘Custom Actions’ have “regextract” function to extract value from a string as per specified regex pattern.

Syntax: \$regextract([ColumnDisplayName | ColumnInternalName],expression)

Some examples for regextract function are given below.

Example 1: Extract the text after a specific pattern in string

Sample list schema and use case:

1. Standard SharePoint list
2. ‘Details’: Multiple lines of text column for string
 - a. Search for pattern: ID=<number> -
 - b. Extract text occurring after this pattern in the string.
 - c. Example value:
 - i. Input string:
https://contoso.sharepoint.com/sites/SR/IT/Lists/Tickets/ccs_DispatchForm.aspx?ID=9 - This is a request to report Ticket status immediately
 - ii. Matching pattern: ID=9 -
 - iii. Text after pattern (output): This is a request to report Ticket status immediately
3. ‘Description’: Multiple lines of text column for saving extracted value

Instructions:

1. Configure a workflow on item created/item modified event.

- Define workflow variable. Regular expression in the variable will extract text after matching pattern, i.e., ID=<number>, whitespace characters and hyphen, from given string and saves in a WF variable.

Regular Expression: \$regexextract([ColumnDisplayName|ColumnInternalName],@.+?ID=\d+[\s-]*(.+))

Example: \$regexextract([Details|Details],@.+?ID=\d+[\s-]*(.+))

Note: Replace highlighted text with column placeholder that contains string.

What Actions to execute for this Workflow

 [Variables](#) [+ New Action](#)

Action Name	Action Type	Actions
Update Description	Update Item	  



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Note: You can drag-drop actions in the grid to change order of execution

Define variable:

Define Variables

[+ New Variable](#)

Name	Default Value	Actions
VarExtractText	\$regexextract([Details Details],@.+?ID=\d+[\s-]*(.+))	 

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Action 1: Create 'Update Item' action to update the column with WF variable value.

Syntax: WFVariableName##Value

Column value: VarExtractText##Value

Update Item Action Settings



General Settings

Action Name*

Action Description

Item(s)* Current
 Lookup
 Query List

Delay Execution ⓘ

Column Mappings

+ Add Column Mapping

Column Name	Column Value	Actions
Description	VarExtractText##Value	

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