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_DispForm.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:

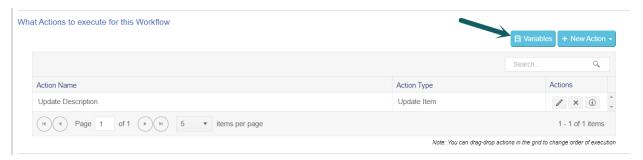
1. Configure a workflow on item created/item modified event.

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

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

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



Define variable:



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

Syntax: WFVariableName##Value

Column value: VarExtractText##Value

