Below are some notes I've compiled and have used as a reference. Please include these and correct, expand, or delete as needed since it is not complete and may have errors.

- Embed link in NITRO email

'Launch URL' action to open the current item in edit mode: %%$strcat({WebUrl},/SitePages/CCSEditForm.aspx?ListID=,{ListId},&ItemID=,[ID|ID])%%

- NITRO RegEx & regextract examples

$regextract([Body|Body],@.\*(Bob).\*) Removes 'Bob' from string

$regextract([Name|FileLeafRef],@.\w+?$) Removes file extension

HTMLDecode: The encoded characters are converted back to their original form in the decoding process. HTMLDecode decodes a string that contains HTML numeric character references and returns the decoded string.

Syntax: $regextract([Column Placeholder],@expression,HTMLDecode)

Example: $regextract([TicketDescription|TicketDescription],@.\*\[(.+)\].\*,HTMLDecode)

TicketDescription: Formatting Issue [Value: &#36; &#37;]

Output: Value: $ %

HTMLStrip: It removes/strips all the HTML tags and convert HTML code to plain text string.

Syntax: $regextract([Column Placeholder],@expression,HTMLStrip)

Example: $regextract([TicketDescription|TicketDescription],@.\*\[(.+)\].\*,HTMLStrip)

TicketDescription: Formatting Issue [Value: <h1> Open Tickets </h1>]

Output: Value: Open Tickets

- Reference for Advanced Conditions

Must keep the Advanced Condition in left side with, operator type in middle, and condition to check in right text field

|  |  |
| --- | --- |
| **VALUE** | used in samples |
| Literal/Custom value | Enter value |
| [field placeholder] | [InternalName|Display Name] |
| variable##Value | Text variable |
| qlName##VALUE | Query list Action or qlName##ColumnInternalName |
|  | |
| **Modifier** | Use $ParseFieldValue() function if not text |
| $parsefieldvalue(VALUE) | Wrap with this if not text |
| $parsefieldvalue(VALUE,type) | Types:   * Id * Value * Email * Dateonly * url * string * object |
|  | |
| **Usage** | Example |
| VALUE,,VALUE | from above |
| $parsefieldvalue(VALUE),,$parsefieldvalue(VALUE) | If not text |

- Variable and column name syntax

**Variables**

|  |  |
| --- | --- |
| txtName##value | Default Reference |
| GetClerk##[Email|E-Mail] | QUERY LIST: assign to variable |
| %%txtName##value%% | CONDITION comparison box |
| %%txtName##value%% | html |

**Columns**

|  |  |
| --- | --- |
| [InternalName|Display Name] | Default Reference |
| %%[InternalName|Display Name]%% | html |
| [[InternalName||Display Name]] | Email (I think) |
| %%[External Name|InternalName]%% | Advanced condition   note that it is REVERSED |
| afterchange:Denied | Condition: <field>  equal  afterchange:<value> |

- Examples of using people fields in NITRO

Get manager or other attribute $getSPuserproperty(manager,;,[Employee|Employee]) \*\*\*Also getADuserproperty\*\*\* \*\*\*$getSPGROUPmembers\*\*\*

Comprehensive list of Functions in NITRO Studio - Crow Canyon Software Support

FormatValue([Requester|Requester]) From column

$ParseUserValue(User Display Name|Alias|Email Address) Set value for USER COLUMN

$ParseUserValue(variable##value) Get user from variable

$FormatValue(variable##value) Get user from variable

ActionName##[InternalName|Display Name] Query List assigned to variable e.g. GetClerk##[Email|E-Mail]

\*\*\* USERS IN WORKFLOWS FOR LOGGING, EMAIL ADDRESS, ETC. \*\*\*

Name as text in variable: varUser##value

Name as text in variable lookup: GetPayrollEmail##[Single Line|SingleLine]

Name as person in variable lookup: $FormatValue(GetPayrollEmail##[Single Name|SingleName])

\*\*\* WORKFLOWS ONLY \*\*\*

$getaduserproperty

$getspgroupmembers(displayValue,joinchar,UserField) Get list of users from a SharePoint group [Requester|Requester]

$getspuserproperty(displayValue,joinchar,UserField) To text displayValue can be email|name|id|loginname|manager

\*\*\* CUSTOM ACTIONS ONLY \*\*\*

$getuserattr(User Id|{Me}|[UserColumn],Email|DisplayName) Return Email/Display Name attribute of a user based on User ID or Logged in user or a person or group column

$parsefieldvalue([Requester|Requester],Email,;) Return email address

$parseuservalue([[TravelRequest::Employee::TravelRequest::Employee]]) Email

var userid= \_spPageContextInfo.userId; //return current user javascript

return userid;

Source URL: [Reference Variables from script in Form Event Actions / Execute Script – Crow Canyon Software Forum – Crow Canyon Software Support](https://www.crowcanyon.help/forum/topic/reference-variables-from-script-in-form-event-actions-execute-script/)

Please use below functions to get/set variable values in execute script action in Form Event Actions.

1. Syntax to get value from a variable using custom script in NITRO Forms:  
Syntax: window.ccs\_g\_FormUI.GetVariableValuebyName("Variable Name")  
Ex: window.ccs\_g\_FormUI.GetVariableValuebyName("VarRequestStatus")

OutPut: We get output in string/Object format, we need to use the output result as per as per our requirement in the custom script.

2. Syntax to update variable value using custom script in NITRO Forms:  
Syntax: window.ccs\_g\_FormUI.SetVariableValuebyName("Variable Name",Variable Value)  
Ex: window.ccs\_g\_FormUI.SetVariableValuebyName("VarRequestStatus","Closed")