**Definitions**

Argument: {[#:2|&:Date|DATE:MMMM d, yyyy|D$:2020-04-01]}

Parameter: #  
Parameter: &  
Parameter: DATE  
Parameter: D$

Parameter Value: 2  
Parameter Value: Date  
Parameter Value: MMMM d, yyyy  
Parameter Value: 2020-04-01

**Explanations**

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| --- | --- | --- |
| Argument part | Name | Explanation |
| {[ | ArgumentStart | Start of argument. Mandatory. |
| ]} | ArgumentEnd | End of argument. Mandatory. |
| | | ParamDelimiter | Delimiter between parameters in an argument. Mandatory between each parameter. |
| #:1 #: 2 #:3  #:2 | ArgumentSequence | Sets the position of this argument in the sequence of arguments. If ArgumentSequence is used, it has to be mandatory followed by a Parameter Value in the form of a number.  ~~If the number is a duplicate, one of the ArgumentSequence with duplicate numbers will have their numbers be set to a higher number. This might cause some other ArgumentSequence have their number become a duplicate. All arguments with no ArgumentSequence are listed at the start in the order they are processed.~~  Any duplicates will be shown as such in the GUI. |
| $: Name  $:Phone number  TexToShow:Name  TexToShow: Phone number | TextToShow | The text that is shown for the user. If omitted, “[not specified]” is displayed. A “:” will be added to the end of the Parameter Value text.  “$” is the short form of “TexToShow”. If an Argument has both as Parameters, only “TexToShow” will be used.  The Parameter is not case sensitive, and any spaces before or after the Parameter and/or the Parameter Value is disregarded |
| D$ {[#2|$Mojang Contact|D$:Steam]} | DEFAULT | If there is a TextToShow Parameter, then this Parameter can be added in order to provide a default text.  NOTE: Default maybe NOT contain any new lines. If you need one, insert  NOTE: If the type is a DATE, D$ can be “NOW” \*#newline#\*  and it will be transformed into a new line. |
| MULTILINE MULTILINE:3 MULTILINE:5  Example:  {[#:12|$: Supplier Services | MULTILINE:10|D$:The Supplier will aid Mojang in further development of Minecraft Fantastic Stones division projects including (but not limited to): (i) undertaking quality assurance tasks defined by Mojang with the goal of maintaining the Minecraft Dungeons product’s quality and stability; (ii) test and evaluate new features for the Minecraft Dungeons product; and (iii) research and apply testing strategies for new features and to determine what is needed to deliver such new features with quality for release of the Minecraft Fantastic Stones product. ]} | MULTILINE | If there is a TextToShow Parameter, then this Parameter can be added in order to specifies that the user should be able to provide a text consisting of more than one line. “:” followed by a number specifies how many lines to enable, but it’s optional. Not providing that is equivalent to providing “:2 |
| DATE DATE:MM/dd/yy | DATE | Changes the input box to accept only dates. Optionally has a Parameter Value that specifies an ISO 8601 compliant date format.  NOTE: If the type is a DATE, D$ can be “NOW” |
| AddDays  Example:  {[#:10|DATE:MMMM d, yyyy| CopyFromArgument:DueDate|AddDays:1]} | AddDays |  |
| InitalizeAtEndOfMonth | InitalizeAtEndOfMonth | If this is a date argument, then this Parameter changes the value of DEFAULT to the end of the selected month once, when the template is loaded |
| NUM NUM:1000 NUM:1000000 | NUMBER | Changes the input box to accept only numbers. Optionally followed by the max value. If no max value is assigned, the default max value “2147483647” will be assigned. |
| ThousandSeparated  Example:  {[#:21|$:Max cost|NUM: 9999999|ThousandSeparated | D$: **291,200**]} | ThousandSeparated |  |
| CopyFromArgument:Date  Example:  {[CopyFromArgument:Date|INVISIBLE|COMMENT:**April 1st, 2020**]} | CopyFromArgument | Causes the argument to receive its input by means of copying the value of the specified Argument in this file.  If you want the argument to receive no futher input from the user though the GUI, use NoUserInput  The Parameter Value of this argument is the TextToShow Parameter of the Argument to receive input from. ArgumentSequence is not chosen for identification as that could too easily be changed through an oversight and cause unexpected behavior that might remain undiscovered. It is recommended to set a complex TextToShow Parameter.  For copying from another file, use CopyFromOtherFileArgument. |
| NumAsText | NumAsText | Prints the numbers as text, so instead of “10”, it’s “ten”. |
| {[#:21|NoUserInput|$: Service Fee April | MULTIPLICATION| MathValueFromArgument1: SEK/Hour | MathValueFromArgument2: Total days worked 2|COMMENT:56,000 SEK]} | MULTIPLICATION |  |
| R$: Mojang Employee E-mail  {[#:5|$:Mojang E-mail |D$:Select reference file|NoUserInput|R$: Mojang Employee E-mail]}  {[INVISIBLE|R$: Date]}  {[ ActivateFunction: ImportReferenceData]}    {[ NoValueOnEmpty | INVISIBLE | ActionSequence:3| ActivateFunction: LoadReference: References\ Olof Carlson.docx]}  {[ NoValueOnEmpty | INVISIBLE |ActionSequence:4|ActivateFunction: ImportReferenceData]} | TextToShowInReferenceFile | This Parameter will be used when the user selects a reference file to import data.  In the reference file, a list of arguments will exist, following this format:  {[$:Mojang Employee Full name| D$: Olof Carlson]}  {[$:Mojang Employee Phone number| D$: +46702767228]}  {[$:Mojang Employee E-mail| D$: [olof@mojang.com](mailto:olof@mojang.com)]}  When the function to import data from the reference file activates, the TextToShow Parameter of the arguments in the reference file will be paired with the TextToShowInReferenceFile Pararameter in the argument of the file being edited.  So the following argument:  {[#:5|$:Mojang E-mail |D$:Select reference file|NoUserInput|R$: Mojang Employee E-mail]}  will receive the value “[olof@mojang.com](mailto:olof@mojang.com)” in the edited file.  In order to activate the function that takes the document that is stored in memory as reference and applies it to the document being edited, the Parameter  {[ ActivateFunction: ImportReferenceData]}  Has to be present in the reference document.  If it is the document being edited that will trigger the function to that Parameter, the parameter needs first include an argument that loads the referens document into memory, and then another argument that applies the data, both arguments having an ActionSequence Parameter to specify the order they are to be activated. Include the INVISIBLE Parameter to hide both of these arguments from the user in the GUI, since they are not meant to accept input data.  {[ NoValueOnEmpty | INVISIBLE| ActionSequence:3| ActivateFunction: LoadReference: References\ Olof Carlson.docx]}  {[ NoValueOnEmpty | INVISIBLE | ActionSequence:4 | ActivateFunction: ImportReferenceData]}  Note: if an argument has a R$ value identical to its $ value, no R$ value needs to be provided:  {[#:5|$:Mojang E-mail |R$: Mojang E-mail]}  Is equal to  {[#:5|$:Mojang E-mail |R$]} |
| COMMENT:Mojang own this software! | COMMENT | Has no effect. |
| INVISIBLE | INVISIBLE | Argument will not be shown to the user.  If you want to momentarily inactivate this Parameter (or any other Parameter), it’s enough to manipulate it in any way, for example, changing it from “INVISIBLE” to “!INVISIBLE” |
| NoUserInput | NoUserInput | Argument will be shown to the user, but will be unresponsive to direct input from the user. It might be susceptible to certain indirect input, such as a calculation based on another argument that is in turn not NoUserInput. |
| NoValueOnEmpty | NoValueOnEmpty | Text fields will output “[insert value]” when left empty, unless this parameter is present. |
| NoOutput | NoOutput | The argument will produce no output. Of use when an argument is required to reform calculations that will be used by other arguments. |
| {[#:1|$: First day of work |DATE:MM/dd/yy]}  {[#:2|$: Last day of work |DATE:MM/dd/yy]}  {[#:3|$: Total days worked |WorkDaysStart: First day of work |WorkDaysEnd: Last day of work]}  {[ActivateFunction: CalculateWorkdays]}  {[#:3|$: Total days worked |WorkDaysStart: First day of work |WorkDaysEnd: Last day of work| ActionSequence:1|LoadReference: References\days off.docx]} | NumberOfWorkDays | A series of arguments that when combined can calculate the number of workdays in a date range.  You start by having an Argument that specifies the first day of the calculation:  {[#:1|$: First day of work |DATE:MM/dd/yy]}  Then, a second argument that specifies the last day of calculations:  {[#:2|$: Last day of work |DATE:MM/dd/yy]}  In both of the above cases, the TextToShow can have any arbitrary value. The only obligatory part is that the value that the user inputs is an actual date, and including the DATE Parameter will force the user to do so.  The above arguments could be:  {[$: X]}  {[$: Y |D$: 2019-01-04|INVISIBLE]}  Having two arguments that specify the start and end date, we create a third argument that specify the calculation:  {[#:3|$: Total days worked |WorkDaysStart: First day of work |WorkDaysEnd: Last day of work]}  Or  {[#:3|$: Total days worked |WorkDaysStart: X |WorkDaysEnd: Y]}  Lastly, after the template has been loaded, the user needs to open a reference file that includes all the days that are off-work days. That file needs to end with  {[ ActivateFunction: CalculateWorkdays]}  That will activate the third argument to calculate, based on the first argument, second argument and the values that specify the off-work days provided in the reference document that included that last argument.  Now, of course, this would be very cumbersome for the user to remember all the references they need to load, and in what order to do so, so there are parameters to automatize that process. This parameter:  LoadReference: References\days off.docx  … will order the application to load a reference document at the specified address as soon as the main document is done loading. And the following parameter:  ActionSequence:1  … specifies in what order they should be loaded. If more than one action share the same sequence, they will all be processed by the order the application receives them.  ActionSequence has to be given a positive Parameter Value. Any negative values will be processed as 0. |
| DoNotProcess |  | Ignore the entire argument |
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The program creates temporary .docx files in the “Templates\temp” and “References\temp” folders. These files can be freely deleted. The program has no functions for deleting any files, an intentional design choice in order to minimize unintended consequences.