

Domino Formula @Functions

IBM Lotus Notes® and Domino™ 6.5

Agents
 @Command([RunAgent]; agent)
 @DocMark([Update])
 @DocMark([NoUpdate])
 @IsAgentEnabled(agent)

Characters
 @Ascii(string)
 @Ascii(string; [AllInRange])
 @Char(codeNumber)
 @Narrow(string)
 @NewLine
 @Wide(string)

@Commands
 @Command([command]; parameters)
 @PostedCommand([command]; parameters)

Control Logic
 @Do(expressions)
 @DoWhile(statement; ..., condition)
 @For(initialize; condition; increment; statement; ...)
 @If(condition1; action1; condition2; action2; ..., condition99; action99; elseAction)
 @Nothing
 @Return(value)
 @Select(number; values)
 @V2If(condition1; action1; condition2; action2; ..., condition99; action99; elseAction)
 @While(condition; statement; ...)

Data Types
 @False
 @IsNull(value)
 @IsNumber(value)
 @IsText(value)
 @IsTime(value)
 @No
 @Text(value; formatString)
 @TextToNumber(string)
 @TextToTime(string)
 @Time(hour; minute; second)
 @Time(year; month; day; hour; minute; second)
 @Time(timeDate)
 @TimeMerge(date; time; timeZone)
 @TimeToTextInZone(timeDate; timeZone; formatString)
 @TimeZoneToText(timeZone; formatString)
 @ToNumber(value)
 @ToTime(value)
 @True
 @Yes

Databases
 @DbExists(server; file)
 @DbExists(server; replicaID)
 @DbManager
 @DbName
 @DbTitle
 @ReplicaID
 @ServerName
 @TemplateName
 @WebDbName

DDE
 @DDEExecute(conversationID; command)
 @DDEInitiate(application; topic)
 @DDEPoke(conversationID; location; data)
 @DDETerminate(conversationID)

Documents
 @Accessed
 @AttachmentLengths(excludeMIMEBody)
 @AttachmentModifiedTimes(excludeMIMEBody)
 @AttachmentNames(excludeMIMEBody)
 @Attachments(excludeMIMEBody)
 @Author
 @Created
 @DeleteDocument
 @DocFields
 @DocLength
 @DocLevel
 @DocLock([options])
 @DocOmittedLength
 @DocumentUniqueID
 @GetDocField(documentUNID; fieldName)
 @HardDeleteDocument
 @InheritedDocumentUniqueID
 @IsDocBeingEdited
 @IsDocBeingLoaded
 @IsDocBeingMailed
 @IsDocBeingRecalculated
 @IsDocBeingSaved
 @IsDocTruncated
 @IsModalHelp
 @IsNewDoc
 @IsResponseDoc
 @Modified
 @NoteID
 @SetDocField(documentUNID; fieldName; newValue)
 @UndeleteDocument

Error Handling
 @CheckFormulaSyntax (formulaText)
 @Error
 @Eval(textExpressions)
 @DbName
 @DbTitle
 @ReplicaID
 @ServerName
 @TemplateName
 @WebDbName
 @Success

Fields
 @Abstract([keywords]; size; beginText; bodyFields)
 DEFAULT variableName := value
 FIELD fieldName := @DeleteField
 FIELD fieldName := value
 @GetField (fieldName)
 @IsAvailable(fieldName)
 @IsUnavailable(fieldName)
 @SetField(fieldName; value)
 @ThisName
 @ThisValue
 FIELD fieldName := @Unavailable

Folders
 @AddToFolder(folderNameAdd; folderNameRemove)
 @Command([FolderDocuments]; folderName; moveOrCopy)

Frames
 @SetTargetFrame(targetFrame)

HTTP/URL
 @GetHTTPHeader(requestHeader)
 @SetHTTPHeader (responseHeader; value)
 @URLDecode(decodingFormat; token)
 @URLEncode(encodingFormat; token)
 @URLGetHeader(uriString; headerString; webUserName; webPassword; proxyWebUserName; proxyWebPassword)
 @URLHistory([command])
 @URLOpen
 @URLOpen(uriString)
 @URLOpen(uriString; [reloadFlag])
 @URLOpen(uriString; [URLList])
 @URLOpen(uriString; [reloadFlag]; [URLList])
 @URLOpen(uriString; [reloadFlag]; [URLList]; charset)
 @URLOpen(uriString; [reloadFlag]; [URLList]; charset; webUserName)
 @URLOpen(uriString; [reloadFlag]; [URLList]; charset; webUserName; webPassword)
 @URLOpen(uriString; [reloadFlag]; [URLList]; charset; webUserName; webPassword; proxyWebUserName; proxyWebPassword)
 @UriQueryString(parameterName)
 @ValidateInternetAddress ([Address821]; address)
 @ValidateInternetAddress ([Address822]; address)

Internationalization
 @FormLanguage
 @LanguagePreference([AlternateName])
 @LanguagePreference([Content])
 @LanguagePreference([Region])
 @Locale([action])
 @Locale([action]; localeTag)
 @UserNameLanguage(index)

Lists
 @Compare(textList; textList; [options])
 @Count(list)
 @Elements(list)
 @Explode(dateRange)
 @Explode(string)
 @Explode(string; separators)
 @Explode(string; separators; includeEmpties)
 @Explode(string; separators; includeEmpties; newLineAsSeparator)
 @Implode(textListValue)
 @Implode(testListValue; separator)
 @IsMember(textValue; textListValue)
 @IsMember(textListValue1; textListValue2)
 @IsNotMember(textValue; textListValue)
 @IsNotMember(textListValue1; textListValue2)
 @Keywords(textList1; textList2)
 @Keywords(textList1; textList2; separator)
 @Member(value; textList)
 @Replace(sourceList; fromList; toList)
 @Sort(list)
 @Sort(list; [order]; customSortExpression)
 @Subset(list; number)
 @Transform(list; variableName; formula)

Lookups
 @DbColumn(class : cache; server : database; view; columnNumber)
 @DbColumn("ODBC" : cache; data_source; userD1 : userD2; password1 : password2; table; column : nullHandling; Distinct : sort)
 @DbCommand(Domino; ViewNextPage)
 @DbCommand(Domino; ViewPreviousPage)
 @DbCommand(Domino; FolderList; promptString; foldersToExclude)
 @DbCommand("ODBC" : cache; dataSource; userD1 : userD2; password1 : password2; commandString : nullHandling)
 @DbLookup(class : cache; server : database; view; key; fieldName; keywords)
 @DbLookup(class : cache; server : database; view; key; columnNumber; keywords)
 @DbLookup("ODBC" : cache; dataSource; userD1 : userD2; password1 : password2; table; column : nullHandling; keyColumn; key; "Distinct" : sort)

Mail
 @CheckAlarms
 @EnableAlarms(flag)
 @LDAPServer
 @MailDbName
 @MailEncryptSavedPreference
 @MailEncryptSentPreference
 @MailSavePreference
 @MailSend
 @MailSend(sendTo ; copyTo ; blindCopyTo ; subject ; remark ; bodyFields ; [flags])
 @MailSignPreference
 @OptimizeMailAddress(address)

Math
 @Abs(anyNumber)
 @ACos(cosine)
 @ASin(sine)
 @ATan(tangent)
 @ATan2(x; y)
 @Cos(angle)
 @Exp(power)
 @FloatEq(number1; number2; confidenceRange)
 @Integer(numberValue)
 @Ln(number)
 @Log(number)
 @Max(number1)
 @Max(number1; number2)
 @Min(number1)
 @Min(number1; number2)
 @Modulo(number1; number2)
 @Pi
 @Power(base; exponent)
 @Random
 @Round(number)
 @Round(number; factor)
 @Sign(signedNumber)
 @Sin(angle)
 @Sqrt(number)
 @Sum(numbers)
 @Tan(angle)

Names
 @Name([action]; name)
 @NameLookup([lookupType]; userName; itemToReturn)

Profile Documents
 @Command([EditProfileDocument]; formName; uniqueKey)
 @GetProfileField(profileName; fieldName; uniqueKey)
 @SetProfileField(profileName; fieldName; value; uniqueKey)

Remarks
 REM "comments";
 REM (comments);

Security
 @Certificate([dataToRetrieve]; certificate)
 @EditECL(server : database; name)
 @EditUserECL
 @HashPassword(string)
 @Password(string)
 @PasswordQuality(fieldName)
 @RefreshECL(server : database; name)
 @ServerAccess([access]; userName)
 @ServerAccess([access]; userName; serverName)
 @UserAccess(server : file; [accessLevel])
 @UserNamesList
 @UserPrivileges
 @UserRoles
 @V4UserAccess(server : file)
 @VerifyPassword(password; password)

Selection
 @All
 SELECT selectionFormula | @AllChildren
 SELECT selectionFormula | @AllDescendants
 SELECT formula

Tables
 @GetFocusTable([CellColumn])
 @GetFocusTable([CellRow])
 @GetFocusTable([TableName])

Temporary Variables
 @Set(variableName; value)

Text
 @Begins(string; subString)
 @Contains(string; subString)
 @Ends(string; subString)
 @Left(stringToSearch; numberOfChars)
 @Left(stringToSearch; subString)
 @LeftBack(stringToSearch; numToSkip)
 @LeftBack(stringToSearch; startString)
 @Length(string)
 @Length(stringList)
 @Like(string; pattern)
 @Like(string; pattern; escape)
 @LowerCase(string)
 @Matches(string; pattern)
 @Middle(string; offset; numberChars)
 @Middle(string; startString; numberChars)
 @Middle(string; startString; endString)
 @MiddleBack(string; offset; numberChars)
 @MiddleBack(string; offset; endString)
 @MiddleBack(string; startString; numberChars)
 @MiddleBack(string; startString; endString)
 @MiddleBack(string; startString; endString)
 @Repeat(string; number; numberChars)
 @ReplaceSubString(sourceList; fromList; toList)
 @Right(stringToSearch; numberOfChars)
 @Right(stringToSearch; subString)
 @RightBack(stringToSearch; numberOfChars)
 @RightBack(stringToSearch; subString)
 @Soundex(string)
 @Trim(string)
 @Unique
 @Unique(textList)
 @UpperCase(string)
 @Word(string; separator; number)

Time/Dates
 @Adjust(dateToAdjust; years; months; days; hours; minutes; seconds; [DST])
 @BusinessDays(startDates; endDates; daysToExclude; datesToExclude)
 @Date(year; month; day)
 @Date(year; month; day; hour; minute; second)
 @Date(timeDate)
 @Day(timeDateValue)
 @Hour(timeDateValue)
 @Minute(timeDate)
 @Month(timeDate)
 @Now
 @Now([ServerTime] : [LocalTimeOnError])
 @Now([ServerTime] : [LocalTimeOnError]; serverNames)
 @Second(timeDate)
 @Today
 @Tomorrow
 @Weekday(timeDate)
 @Year(timeDate)
 @Yesterday
 @Zone
 @Zone(timeDate)

User Interaction
 @DialogBox(form; [AutoHorzFit] : [AutoVertFit] : [NoCancel] : [NoNewFields] : [NoFieldUpdate] : [ReadOnly] : [SizeToTable] : [NoOkCancel] : [OkCancelBottom]; title)
 @PickList([Custom] : [Single]; server : file; view; title; prompt; column; categoryName)
 @PickList([Name] : [Single])
 @PickList([Room])
 @PickList([Resource])
 @PickList([Folders] : [Single]; server : database)
 @PickList([Folders] : [Shared]; server : database)
 @PickList([Folders] : [Private]; server : database)
 @PickList([Folders] : [NoDesktop]; server : database)
 @Prompt([OK]; title; prompt)
 @Prompt([YesNo]; title; prompt)
 @Prompt([YesNoCancel]; title; prompt)
 @Prompt([OkCancelEdit]; title; prompt; defaultChoice)
 @Prompt([OkCancelList] : [NoSort]; title; prompt; defaultChoice; choiceList)
 @Prompt([OkCancelListMulti] : [NoSort]; title; prompt; defaultChoice; choiceList)
 @Prompt([OkCancelCombo] : [NoSort]; title; prompt; defaultChoice; choiceList)
 @Prompt([OkCancelEditCombo] : [NoSort]; title; prompt; defaultChoice; choiceList)
 @Prompt([LocalBrowse]; title; filetype)
 @Prompt([Password]; title; prompt)
 @StatusBar(statusBarText)

User Environment
 @BrowserInfo(propertyName)
 @ClientType
 @ConfigFile
 @Domain
 ENVIRONMENT variable := textValue;
 @Environment(variable)
 @Environment(variable; value)
 @FileDir(pathname)
 @FontList
 @GetAddressBooks([options])
 @GetCurrentTimeZone
 @GetIMContactListGroupNames
 @GetPortsList([Disabled])
 @GetPortsList([Enabled])
 @IsAppInstalled(application)
 @IsVirtualizedDirectory
 @LaunchApp(application)
 @OrgDir
 @Today
 @Platform([Specific])
 @RegQueryValue(keyName; subKeyName; valueName)
 @SetEnvironment(variableName; value)
 @UpdateFormulaContext
 @UserName(index)
 @V3UserName
 @Version
 @Version(versionNumber)

Views
 @DocChildren
 @DocChildren(defaultString)
 @DocChildren(zeroString; defaultString)
 @DocChildren(zeroString; oneString; defaultString)
 @DocDescendants
 @DocDescendants(defaultString)
 @DocDescendants(zeroString; defaultString)
 @DocDescendants(zeroString; oneString; defaultString)
 @DocNumber
 @DocNumber(separator)
 @DocNumber("")
 @DocParentNumber
 @DocParentNumber(separator)
 @DocParentNumber("")
 @DocSiblings
 @GetViewInfo([CalendarViewFormat]; column)
 @GetViewInfo([ColumnValue]; column)
 @GetViewInfo([IsCalTimeSlotOn]; column)
 @IsCategory
 @IsCategory(trueString)
 @IsCategory(trueString; falseString)
 @IsExpandable
 @IsExpandable(trueString)
 @IsExpandable(trueString; falseString)
 @Responses
 @SetViewInfo([SetViewFilter]; filterString; columnName; isCategory)
 @SetViewInfo([SetViewFilter]; filterString; columnName; exactMatch)
 @ViewShowThisUnread(unreadOnly)
 @ViewTitle

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