



Pagos Spreadsheet Component Supported Functions In Version 4.1

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Supported Functions:

Function	Description
ABS	Returns the absolute value of a number
ACCRINT	Returns the accrued interest for a security that pays periodic interest
ACCRINTM	Returns the accrued interest for a security that pays interest at maturity
ACOS	Returns the arccosine of a number
ACOSH	Returns the inverse hyperbolic cosine of a number
ADDRESS	Returns a reference as text to a single cell in a worksheet
AMORDEGRC	Returns the depreciation for each accounting period by using a depreciation coefficient
AMORLINC	Returns the depreciation for each accounting period
AND	Returns TRUE if all its arguments are TRUE
AREAS	Returns the number of areas in a reference
ASC	Changes full-width (double-byte) English letters or katakana within a character string to half-width (single-byte) characters
ASIN	Returns the arcsine of a number
ASINH	Returns the inverse hyperbolic sine of a number
ATAN	Returns the arctangent of a number
ATAN2	Returns the arctangent from x- and y-coordinates
ATANH	Returns the inverse hyperbolic tangent of a number
AVEDEV	Returns the average of the absolute deviations of data points from their mean
AVERAGE	Returns the average of its arguments
AVERAGEA	Returns the average of its arguments, including numbers, text, and logical values
BETADIST	Returns the beta cumulative distribution function
BIN2DEC	Converts a binary number to decimal
BIN2HEX	Converts a binary number to hexadecimal
BIN2OCT	Converts a binary number to octal
CEILING	Rounds a number to the nearest integer or to the nearest multiple of significance
CELL	Returns information about the formatting, location, or contents of a cell
CHAR	Returns the character specified by the code number
CHIDIST	Returns the one-tailed probability of the chi-squared distribution
CHIINV	Returns the inverse of the one-tailed probability of the chi-squared distribution
CHITEST	Returns the test for independence
CHOOSE	Chooses a value from a list of values
CLEAN	Removes all nonprintable characters from text
CODE	Returns a numeric code for the first character in a text string
COLUMN	Returns the column number of a reference
COLUMNS	Returns the number of columns in a reference
COMBIN	Returns the number of combinations for a given number of objects
COMPLEX	Converts real and imaginary coefficients into a complex number
CONCATENATE	Joins several text items into one text item
CORREL	Returns the correlation coefficient between two data sets
COS	Returns the cosine of a number
COSH	Returns the hyperbolic cosine of a number

COUNT	Counts how many numbers are in the list of arguments
COUNTA	Counts how many values are in the list of arguments
COUNTBLANK	Counts the number of blank cells within a range
COUNTIF	Counts the number of nonblank cells within a range that meet the given criteria
COUPDAYBS	Returns the number of days from the beginning of the coupon period to the settlement date
COUPDAYS	Returns the number of days in the coupon period that contains the settlement date
COUPDAYSNC	Returns the number of days from the settlement date to the next coupon date
COUPNCD	Returns the next coupon date after the settlement date
COUPNUM	Returns the number of coupons payable between the settlement date and maturity date
COUPPCD	Returns the previous coupon date before the settlement date
COVAR	Returns covariance, the average of the products of paired deviations
CUMIPMT	Returns the cumulative interest paid between two periods
CUMPRINC	Returns the cumulative principal paid on a loan between two periods
DATE	Returns the serial number of a particular date
DATEDIF	Calculates the number of days, months, or years between two dates
DATEVALUE	Converts a date in the form of text to a serial number
DAVERAGE	Averages the values in a column of a list or database that match conditions you specify
DAY	Converts a serial number to a day of the month
DAYS360	Calculates the number of days between two dates based on a 360-day year
DB	Returns the depreciation of an asset for a specified period using the fixed-declining balance method
DCOUNT	Counts the cells that contain numbers in a column of a list or database that match conditions that you specify
DDB	Returns the depreciation of an asset for a specified period using the double-declining balance method or some other method you specify
DEC2BIN	Converts a decimal number to binary
DEC2HEX	Converts a decimal number to hexadecimal
DEC2OCT	Converts a decimal number to octal
DEGREES	Converts radians to degrees
DELTA	Tests whether two values are equal
DEVSQ	Returns the sum of squares of deviations
DGET	Extracts a single value from a column of a list or database that matches conditions that you specify
DISC	Returns the discount rate for a security
DMAX	Returns the largest number in a column of a list or database that matches conditions you that specify
DMIN	Returns the smallest number in a column of a list or database that matches conditions that you specify
DOLLAR	Converts a number to text, using the \$ (dollar) currency format
DOLLARDE	Converts a dollar price, expressed as a fraction, into a dollar price, expressed as a decimal number
DOLLARFR	Converts a dollar price, expressed as a decimal number, into a dollar price, expressed as a fraction
DPRODUCT	Multiplies the values in a column of a list or database that match conditions that you specify

DSTDEV	Estimates the standard deviation of a population based on a sample by using the numbers in a column of a list or database that match conditions that you specify
DSTDEVP	Calculates the standard deviation of a population based on the entire population by using the numbers in a column of a list or database that match conditions that you specify
DSUM	Adds the numbers in a column of a list or database that match conditions that you specify
DURATION	Returns the annual duration of a security with periodic interest payments
DVAR	Estimates the variance of a population based on a sample by using the numbers in a column of a list or database that match conditions that you specify
DVARP	Calculates the variance of a population based on the entire population by using the numbers in a column of a list or database that match conditions that you specify
EDATE	Returns the serial number of the date that is the indicated number of months before or after the start date
EFFECT	Returns the effective annual interest rate
EOMONTH	Returns the serial number of the last day of the month before or after a specified number of months
ERF	Returns the error function
ERFC	Returns the complementary error function
ERROR.TYPE	Returns a number corresponding to an error type
EVEN	Rounds a number up to the nearest even integer
EXACT	Checks to see if two text values are identical
EXP	Returns e raised to the power of a given number
EXPONDIST	Returns the exponential distribution
FACT	Returns the factorial of a number
FACTDOUBLE	Returns the double factorial of a number
FALSE	Returns the logical value FALSE
FIND	Finds one text value within another (case-sensitive)
FINDB	Finds one text value within another (case-sensitive). Intended for use with languages that use the double-byte character set.
FISHER	Returns the Fisher transformation
FISHERINV	Returns the inverse of the Fisher transformation
FIXED	Formats a number as text with a fixed number of decimals
FLOOR	Rounds a number down, toward zero
FORECAST	Returns a value along a linear trend
FV	Returns the future value of an investment
FVSCHEDULE	Returns the future value of an initial principal after applying a series of compound interest rates
GAMMADIST	Returns the gamma distribution
GCD	Returns the greatest common divisor
GEOMEAN	Returns the geometric mean
GESTEP	Tests whether a number is greater than a threshold value
HARMEAN	Returns the harmonic mean
HEX2BIN	Converts a hexadecimal number to binary
HEX2DEC	Converts a hexadecimal number to decimal
HEX2OCT	Converts a hexadecimal number to octal
HLOOKUP	Looks in the top row of an array and returns the value of the indicated cell
HOUR	Converts a serial number to an hour

IF	Specifies a logical test to perform
IMABS	Returns the absolute value (modulus) of a complex number
IMAGINARY	Returns the imaginary coefficient of a complex number
IMARGUMENT	Returns the argument theta, an angle expressed in radians
IMCONJUGATE	Returns the complex conjugate of a complex number
IMCOS	Returns the cosine of a complex number
IMDIV	Returns the quotient of two complex numbers
IMEXP	Returns the exponential of a complex number
IMLN	Returns the natural logarithm of a complex number
IMLOG2	Returns the base-2 logarithm of a complex number
IMLOG10	Returns the base-10 logarithm of a complex number
IMPOWER	Returns a complex number raised to an integer power
IMPRODUCT	Returns the product of two complex numbers
IMREAL	Returns the real coefficient of a complex number
IMSIN	Returns the sine of a complex number
IMSQRT	Returns the square root of a complex number
IMSUB	Returns the difference between two complex numbers
IMSUM	Returns the sum of complex numbers
INDEX	Uses an index to choose a value from a reference or array
INDIRECT	Returns a reference indicated by a text value
INFO	Returns information about the current operating environment
INT	Rounds a number down to the nearest integer
INTERCEPT	Returns the intercept of the linear regression line
INTRATE	Returns the interest rate for a fully invested security
IPMT	Returns the interest payment for an investment for a given period
IRR	Returns the internal rate of return for a series of cash flows
ISBLANK	Returns TRUE if the value is blank
ISERR	Returns TRUE if the value is any error value except #N/A
ISERROR	Returns TRUE if the value is any error value
ISEVEN	Returns TRUE if the number is even
ISLOGICAL	Returns TRUE if the value is a logical value
ISNA	Returns TRUE if the value is the #N/A error value
ISNONTEXT	Returns TRUE if the value is not text
ISNUMBER	Returns TRUE if the value is a number
ISODD	Returns TRUE if the number is odd
ISPMT	Calculates the interest paid during a specific period of an investment
ISREF	Returns TRUE if the value is a reference
ISTEXT	Returns TRUE if the value is text
KURT	Returns the kurtosis of a data set
LARGE	Returns the k-th largest value in a data set
LCM	Returns the least common multiple
LEFT	Returns the leftmost characters from a text value
LEFTB	Returns the leftmost characters from a text value. Intended for use with languages that use the double-byte character set.
LEN	Returns the number of characters in a text string
LENB	Returns the number of characters in a text string. Intended for use with languages that use the double-byte character set.
LN	Returns the natural logarithm of a number
LOG	Returns the logarithm of a number to a specified base

LOG10	Returns the base-10 logarithm of a number
LOOKUP	Looks up values in a vector or array
LOWER	Converts text to lowercase
MATCH	Looks up values in a reference or array
MAX	Returns the maximum value in a list of arguments
MAXA	Returns the maximum value in a list of arguments, including numbers, text, and logical values
MDETERM	Returns the matrix determinant of an array
MDURATION	Returns the Macauley modified duration for a security with an assumed par value of \$100
MEDIAN	Returns the median of the given numbers
MID	Returns a specific number of characters from a text string starting at the position you specify
MIDB	Returns a specific number of characters from a text string starting at the position you specify. Intended for use with languages that use the double-byte character set.
MIN	Returns the minimum value in a list of arguments
MINA	Returns the smallest value in a list of arguments, including numbers, text, and logical values
MINUTE	Converts a serial number to a minute
MINVERSE	Returns the matrix inverse of an array
MIRR	Returns the internal rate of return where positive and negative cash flows are financed at different rates
MOD	Returns the remainder from division
MODE	Returns the most common value in a data set
MONTH	Converts a serial number to a month
MMULT	Returns the matrix product of two arrays
MROUND	Returns a number rounded to the desired multiple
MULTINOMIAL	Returns the multinomial of a set of numbers
N	Returns a value converted to a number
NA	Returns the error value #N/A
NETWORKDAYS	Returns the number of whole workdays between two dates
NOMINAL	Returns the annual nominal interest rate
NORMDIST	Returns the normal cumulative distribution
NORMSDIST	Returns the standard normal cumulative distribution
NOT	Reverses the logic of its argument
NOW	Returns the serial number of the current date and time
NPER	Returns the number of periods for an investment
NPV	Returns the net present value of an investment based on a series of periodic cash flows and a discount rate
OCT2BIN	Converts an octal number to binary
OCT2DEC	Converts an octal number to decimal
OCT2HEX	Converts an octal number to hexadecimal
ODD	Rounds a number up to the nearest odd integer
OFFSET	Returns a reference offset from a given reference
OR	Returns TRUE if any argument is TRUE
PEARSON	Returns the Pearson product moment correlation coefficient
PERCENTILE	Returns the k-th percentile of values in a range
PERCENTRANK	Returns the percentage rank of a value in a data set
PERMUT	Returns the number of permutations for a given number of objects

PI	Returns the value of pi
PMT	Returns the periodic payment of an annuity
POWER	Returns the result of a number raised to a power
PPMT	Returns the payment on the principal for an investment for a given period
PRICE	Returns the price per \$100 face value of a security that pays periodic interest
PRICEDISC	Returns the price per \$100 face value of a discounted security
PRICEMAT	Returns the price per \$100 face value of a security that pays interest at maturity
PROB	Returns the probability that values in a range are between two limits
PRODUCT	Multiplies its arguments
PROPER	Capitalizes the first letter in each word of a text value
PV	Returns the present value of an investment
QUARTILE	Returns the quartile of a data set
QUOTIENT	Returns the integer portion of a division
RADIANS	Converts degrees to radians
RAND	Returns a random number between 0 and 1
RANK	Returns the rank of a number in a list of numbers
RATE	Returns the interest rate per period of an annuity
RECEIVED	Returns the amount received at maturity for a fully invested security
REPLACE	Replaces characters within text
REPLACEB	Replaces characters within text. Intended for use with languages that use the double-byte character set.
REPT	Repeats text a given number of times
RIGHT	Returns the rightmost characters from a text value
RIGHTB	Returns the rightmost characters from a text value. Intended for use with languages that use the double-byte character set.
ROMAN	Converts an arabic numeral to roman, as text
ROUND	Rounds a number to a specified number of digits
ROUNDDOWN	Rounds a number down, toward zero
ROUNDUP	Rounds a number up, away from zero
ROW	Returns the row number of a reference
ROWS	Returns the number of rows in a reference
RSQ	Returns the square of the Pearson product moment correlation coefficient
SEARCH	Finds one text value within another (not case-sensitive)
SEARCHB	Finds one text value within another (not case-sensitive). Intended for use with languages that use the double-byte character set.
SECOND	Converts a serial number to a second
SERIESSUM	Returns the confidence interval for a population mean
SIGN	Returns the sign of a number
SIN	Returns the sine of the given angle
SINH	Returns the hyperbolic sine of a number
SKEW	Returns the skewness of a distribution
SLOPE	Returns the slope of the linear regression line
SLN	Returns the straight-line depreciation of an asset for one period
SMALL	Returns the k-th smallest value in a data set
SQLGET	Returns a value or an array of data from a database
SQLOPEN	Returns a connection number which will be used by SQLGET function
SQRT	Returns a positive square root
SQRTPI	Returns the square root of (number * pi)

STANDARDIZE	Returns a normalized value
STDEV	Estimates standard deviation based on a sample
STDEVA	Estimates standard deviation based on a sample, including numbers, text, and logical values
STDEVP	Calculates standard deviation based on the entire population
STDEVPA	Calculates standard deviation based on the entire population, including numbers, text, and logical values
STEYX	Returns the standard error of the predicted y-value for each x in the regression
SUBSTITUTE	Substitutes new text for old text in a text string
SUBTOTAL	Returns a subtotal in a list or database
SUM	Adds its arguments
SUMIF	Adds the cells specified by a given criteria
SUMPRODUCT	Returns the sum of the products of corresponding array components
SUMSQ	Returns the sum of the squares of the arguments
SUMX2MY2	Returns the sum of the difference of squares of corresponding values in two arrays
SUMX2PY2	Returns the sum of the sum of squares of corresponding values in two arrays
SUMXMY2	Returns the sum of squares of differences of corresponding values in two arrays
SYD	Returns the sum-of-years' digits depreciation of an asset for a specified period
T	Converts its arguments to text
TAN	Returns the tangent of a number
TANH	Returns the hyperbolic tangent of a number
TBILLEQ	Returns the bond-equivalent yield for a Treasury bill
TBILLPRICE	Returns the price per \$100 face value for a Treasury bill
TBILLYIELD	Returns the yield for a Treasury bill
TDIST	Returns the Student's t-distribution
TEXT	Formats a number and converts it to text
TIME	Returns the serial number of a particular time
TIMEVALUE	Converts a time in the form of text to a serial number
TODAY	Returns the serial number of today's date
TRANSPOSE	Returns the transpose of an array
TRIM	Removes spaces from text
TRIMMEAN	Returns the mean of the interior of a data set
TRUE	Returns the logical value TRUE
TRUNC	Truncates a number to an integer
TTEST	Returns the probability associated with a Student's t-test
TYPE	Returns a number indicating the data type of a value
UPPER	Converts text to uppercase
VALUE	Converts a text argument to a number
VAR	Estimates variance based on a sample
VARA	Estimates variance based on a sample, including numbers, text, and logical values
VARP	Calculates variance based on the entire population
VARPA	Calculates variance based on the entire population, including numbers, text, and logical values
VDB	Returns the depreciation of an asset for a specified or partial period using a declining balance method

VLOOKUP	Looks in the first column of an array and moves across the row to return the value of a cell
WEEKDAY	Converts a serial number to a day of the week
XIRR	Returns the internal rate of return for a schedule of cash flows that is not necessarily periodic
XNPV	Returns the net present value for a schedule of cash flows that is not necessarily periodic
WEEKNUM	Converts a serial number to a number representing where the week falls numerically with a year
WORKDAY	Returns the serial number of the date before or after a specified number of workdays
YEAR	Converts a serial number to a year
YEARFRAC	Returns the year fraction representing the number of whole days between start_date and end_date
YIELD	Returns the yield on a security that pays periodic interest
YIELDDISC	Returns the annual yield for a discounted security; for example, a Treasury bill
YIELDMAT	Returns the annual yield of a security that pays interest at maturity