Formula Sample

This report shows only a few of the possibilities given by the powerful formula language supported by i-net Clear Reports. Among other things, it is additionally possible to store values in variables, run through loops and conditional branches, as well as read from files. This creates an exciting potential for analyzing and organizing your data in new and more powerful ways.

Math Formulas

Description	Example code	Result
Integer division	`4711 \ 23`	204.00
Decimal division	`4711 / 23`	204.83
Remainder	`4711 mod 23`	19.00
Exponentiating	`1.035 ^ 30`	2.81
Logarithm	`log(4711)`	8.46
Sine function	`sin(34.2)`	0.35
Variance	`variance ([100,97,103])`	9.00

String Formulas

Description	Example code	Result
Index of one string in another	`IndexOf ("Cost: $234.40","$")`	6.00
Extract characters from the left	`Left("Test", 3)`	Tes
Length of a string	`Length ("T e s t")`	7.00
Convert string to lower case	`Lowercase ("AbCdE")`	abcde
Extract characters from the middle	`Mid ("test",2,2)`	es
Convert number to words	`ToWords (2441.6)`	two thousand four hundred forty-one and 60 / 100

Date and Time Formulas

Description	Example code	Result
Print Date	`PrintDate`	5/14/24
Specifying a date	Date(2007,1,24)	1/14/07
Changing a date by an interval	`DateAdd('m', 3, PrintDate)`	8/14/24
Information about a date (e.g. which calendar week)	`DatePart('ww', PrintDate)`	20.00
Checking for date ranges	`printdate in calendar1stQtr`	False
Conversion to a date from a string	`CDateTime ("1/14/2007 3:14 pm")`	1/14/07 3:14:00 PM

Document Property Formulas

Description	Example code	Result
Report Author	`FileAuthor`	i-net software
Report Creation Date	`FileCreationDate`	12/11/06
Export File Format (empty if no export)	`FileFormat`	pdf
Time of report rendering	`PrintTime`	8:08:33 PM
Report Title	`ReportTitle`	Formula Sample
Total number of pages in the report	`TotalPageCount`	1.00