2.4.6 Functions

Functions can be used to validate syntax, calculate values, transform data, and control workflow.

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General functions
Functions for repeating data structures
Date and time functions
Math functions and number handling
String functions
Calculations

[sp_easyaccordion id="18362"]

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[sp_easyaccordion id="18408"]

[sp_easyaccordion id="18435"]

[sp_easyaccordion id="18437"]

[sp_easyaccordion id="18438"]

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Not valid unless obtained from the OpenClinica document management system on the day of use.

2.4.6.1 OpenClinica Validated Functions

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All OpenClinica Validated Functions

String Functions string(* arg) concat(string arg*|node-set arg*) join(string separator, node-set nodes*) substr(string value, number start, number end?) substring-before(string, string) substring-after(string, string) translate(string, string, string) string-length(string arg) normalize-space(string arg?) contains(string haystack, string needle) starts-with(string haystack, string needle) ends-with(string haystack, string needle) uuid(number?) pulldata(string instance_id, string desired_element, string query_element, string query) **Boolean Functions** if(boolean condition, string then, string else) coalesce(string arg1, string arg2) once(string calc) true() false() boolean(* arg) boolean-from-string(string arg) not(boolean arg) regex(string value, string expression) **Number Functions** number(* arg) random() int(number arg) sum(node-set arg) max(node-set arg*) min(node-set arg*) round(number arg, number decimals?) pow(number value, number power) log(number arg) log10(number arg) abs(number arg) sin(number arg) cos(number arg) tan(number arg) asin(number arg) acos(number arg) atan(number arg) atan2(number arg, number arg) sqrt(number arg) exp(number arg) exp10(number arg) pi() **Node-set Functions** count(node-set arg) count-non-empty(node-set arg) position(node arg?) instance(string id) current() randomize(node-set arg, number seed) **Date and Time Functions** today() now() format-date(date value, string format) format-date-time(dateTime value, string format) date(* value) decimal-date-time(dateTime value) decimal-time(time value) **Select Functions** selected(string list, string value) selected-at(string list, number index) count-selected(node node) jr:choice-name(node node, string value) **Repeat Functions** indexed-repeat(node-set arg, node-set repeat, number index) **Note:** The asterisk (*) in these functions indicates that it can take arguments of multiple types (string, number, date, etc.).