

Build_Struct Function

Description

Assembles a binary structure out of BASIC+ variables.

Syntax

`struct = Build_Struct (structname, element1 [, ... element32])`

Parameters

Use this function to build a structure to pass to a DLL function. Alternatively, the `Var_To_Struct` function can be used to convert a dynamic array into a structure as long as none of the elements are char or char array types containing character values greater than @VM (hex FD, decimal 253).

This function is the opposite of the `Parse_Struct` subroutine.

The structure definition must be pre-defined using the [Define_Struct routine](#).

See also

[Blank_Struct\(\)](#), [Define_Struct](#), [Parse_Struct](#), [Var_To_Struct\(\)](#), Chapter 7

Example

```
/* Assuming the structure called RECT has been defined as being composed of 4 "signed short" elements,
this code builds a rectangle structure based on the location and size of an OpenInsight form. */
declare function Get_Property, Build_Struct
size   = Get_Property(@window, "SIZE")
left   = size<1>
top    = size<2>
right  = size<1> + size<3>
bottom = size<2> + size<4>
rect   = Build_Struct("RECT", left, top, right, bottom)
```