

# Var\_To\_Struct Function

## Description

Converts an @fm-delimited variable into a structure placing, obtaining each structure element from the corresponding field in the variable.

## Syntax

```
struct = Var_To_Struct (var, structname)
```

## See also

[Blank\\_Struct\(\)](#), [Build\\_Struct\(\)](#), [Define\\_Struct](#), [Parse\\_Struct](#), [Struct\\_To\\_Var\(\)](#)

## Remarks

Use **Var\_To\_Struct** when you want to convert an @fm-delimited array into a structure. Alternatively, use **Build\_Struct()** when you want to convert a set of variables into a structure or when the structure contains char or char array fields that will contain characters with values greater than @VM (hex FD, decimal 253).

This function is the opposite of the [Struct\\_To\\_Var](#) function.

The structure definition must be predefined using the [Define\\_Struct](#) routine.

## 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, Var_To_Struct

* build the rectangle out of the SIZE property

size      = Get_Property(@window, "SIZE")
size<3> = size<3> + size<1> ;* convert width to right
size<4> = size<4> + size<2> ;* convert height to bottom
rect      = Var_To_Struct(size, "RECT")
```