
Subject: Re: Structures and arrays of structures
Posted by [Matthew Argall](#) on Fri, 28 Oct 2016 12:59:32 GMT
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To create an array of structures, use the replicate function:

```
IDL> struct = {a: 0.0, b: 0.0}
IDL> struct_arr = replicate(struct, 100)
IDL>
IDL>
IDL> help, struct_arr
STRUCT_ARR   STRUCT   = -> <Anonymous> Array[100]
IDL>
IDL> help, struct_arr[0]
** Structure <11a1608>, 2 tags, length=8, data length=8, refs=3:
  A          FLOAT      0.00000
  B          FLOAT      0.00000
IDL> help, struct_arr.a
<Expression>  FLOAT    = Array[100]
```
